BRITISH COLUMBIA HYDRO

THERMAL GENERATION PROJECTS DIVISION

MINING DEPARTMENT

HAT CREEK PROJECT

800 MW
MINING REPORT

VOLUME 2

APPENDIX A

Copy No.
7

OCTOBER 1982

800 MW MINING REPORT

VOLUME 2

APPENDIX A

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APPENDIX A

Section A.1

HAT CREEK PROJECT

MINING DEPARTMENT

OPERATING COST ESTIMATE

800 MW PLANT

Memo to File: 604H-90400

1982 OPERATING COST ESTIMATES - BASIS FOR UNIONIZED LABOUR ESTIMATES UNDER B. C. HYDRO'S IBEW/OTEU AGREEMENTS

1. GENERAL

Operating costs for the Hat Creek mining alternatives have been calculated on the basis of the terms of B. C. Hydro's IBEW and OTEU labour agreements. The following documents the assumptions which have been used.

2. TERMS OF THE IBEW/OTEU AGREEMENTS

2.1 Hours of Work

Dayworkers (non-shift) work a 7½ hour day from 8:00 to 12:00 and from 12:30 to 16:00. The lunch period may be moved ½ hour in either direction.

The hours of work for shift employees are 8 hours per shift. The standard shift times are:

#1 shift 00:00 to 08:00
#2 shift 08:00 to 16:00
#3 shift 16:00 to 24:00

2.2 Statutory Holidays

Eleven statutory holidays are designated by the agreement. Employees whose regular shift would not fall on a statutory holiday will receive one day off with pay in lieu of that day. This also applies if the statutory holiday falls on a vacation day, V.O., Q.V., or S.W.P. day.

2.3 S.W.P. Days

The normal working hours are reduced to 35 hours per week by allowing 17 S.W.P. days off with pay per year. For dayworkers, these S.W.P. days are defined by management at the beginning of the year as 17 Mondays. Dayworkers may be required to work up to 10 designated S.W.P. days per year and receive the following Friday off in lieu.

The reduction in hours for shift employees shall be achieved by including 17 days off with pay for 7½ hours at straight time rates (S.W.P. days) in the shift schedules.

...2

2.4 Q.V. Days

Shift employees are paid 7½ hours straight time wages for each 8-hour shift worked and are credited with one-half hour Q.V. per shift worked.

2.5 Vacation

Annual paid vacation is:

1 year of service	3 weeks vacation
10 years of service	4 weeks vacation
18 years of service	5 weeks vacation
30 years of service	6 weeks vacation

2.6 Overtime

The rate of pay is 200% of the regular rate for all time worked outside the regular working day or shift. Overtime is calculated before shift premiums are applied.

2.7 Sick Leave

Fully paid sick leave allowance days are available for each employee based upon years of service.

Prior to the first full year	- 5 days
First year	- 10 days
Second through fourth year	- 15 days
Fifth year	- 22 days
After fifth year	- 5 days per year of service.

Hydro's actual experience is about 7 days claimed per man per year.

2.8 Shift Premiums

Shift employees receive $8.00 per shift worked on #1 shift and $4.00 per shift worked on #3 shift.

3. ANNUAL HOURS PER MAN

Annual hours per man are calculated below for dayworkers and for shiftworkers on both a four crew and five crew basis. The five crew shiftworker case has been used in the operating cost calculations although there is no financial difference between the alternatives.

The shift alternatives are based upon the mine working 354 days per year (i.e. statutory holidays not worked) for a total of 8,496 hours per year.

...3

ANNUAL WORKING HOURS PER MAN
(IN ACCORDANCE WITH HYDRO IBEW/OTEU CONTRACTS)

	Shiftworkers 5 Shift Basis	Shiftworkers 4 Shift basis	Day Workers
Scheduled Crew Reg. Hrs.	1,763(3)	2,022(2)	1,957½(1)
Scheduled Crew Overtime	- (5)	102(4)	-
Emergency Overtime	64	64	64
Less: Statutory Holidays(11)	-	(22)(6)	(82½)
S.W.P. Days	-	(136)	(127½)
Q.V. Days	-	(101)(7)	
Vacation Days (15)	(120)	(120)	(112½)
Sick Days (7)	(56)	(56)	(52½)
Training Days (8)	(64)	(64)	(60)
Scheduled Overtime not Worked		(102)	-
Total Hours on the Job	1,587	1,587	1,586½

Notes:
(1) (52 wk. x 5 days + 1 day) x 7½ hr/day = 1,957½ hrs.
(2) 1,957½ hr. x (8 hr/7½ hr.) = 2,022 hrs.
(3) 2,022 hrs. - 22 hrs. - 136 hrs. - 101 hrs. = 1,763 hrs.
(4) Crew coverage required = 8,496 hrs. ÷ 4 shifts
= 2,022 hrs. + 102 hr.
(5) Crew coverage required = 8,496 hrs. ÷ 5 shifts + 64 hrs. for training.
= 1,763 hrs.
(6) Statutory holidays owing because only 3 of the 4 crews would normally work on the designated days, 11 x 8 ÷ 4 = 22 hrs. per year.
(7) (2,022 + 64/2 - 22 - 136 - 101 - 120 - 56) ÷ 8 hr. x ½ hr.

The operational advantage of the five shift sysem is that the crew remains basically intact for each scheduled shift since statutory holidays, S.W.P. days, and Q.V. days are built into the shift schedule, scheduled crew overtime is avoided, and training can be scheduled for the entire crew or crew units on days not required for plant coverage. On a typical shift on the four shift basis, 25% of the crew would be absent due to vacations or elective days off. This would present a problem for management to control how and when the time was being taken. On the other hand, only 10% of the crew would be absent on average under the five shift alternative.

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Each man is on the job 1,587 hours per year regardless whether he is a shiftworker or dayworker, although the shiftworker's time includes the midshift lunchbreak (8-hour shift) and the dayworker's time excludes the ½ hour lunch break (7½-hour shift).

4. ANNUAL DIRECT EARNINGS PER MAN

Emergency paid overtime has been assumed at 64 hours per year or 4% of the net hours on the job. These paid overtime hours are net of any overtime hours taken as time off.

Shift premiums amount to $8.00 per midnight shift worked and $4.00 per afternoon shift worked. In accordance with the foregoing assumptions on the annual working hours per man, shiftworkers can be expected to work 69 midnight shifts per year and 69 afternoon shifts per year. Total direct compensation per year per man is therefore:

DIRECT ANNUAL EARNINGS PER MAN

Shiftworker = 1,957½ regular hours/year x base hourly rate
+64 overtime hours/year x 2 times base hourly rate
+69 midnights x $8.00
+69 afternoons x $4.00
= 2,085½ hours x base hourly rate + $828.00

Dayworker = 1,957½ regular hours/year x base hourly rate
+64 overtime hours/year x 2 times base hourly rate
= 2,085½ hours x base hourly rate.

5. POSITION COVERAGE

For those positions in the mining estimate which require continuous coverage (i.e. 24 hours, 354 days per year), a total of 5.35 employees are required to man it (8,496 hours/1587 hours).

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//IEBGENER JOB (X69,86,P,JA01,5030),'RAYFIELD',                    *
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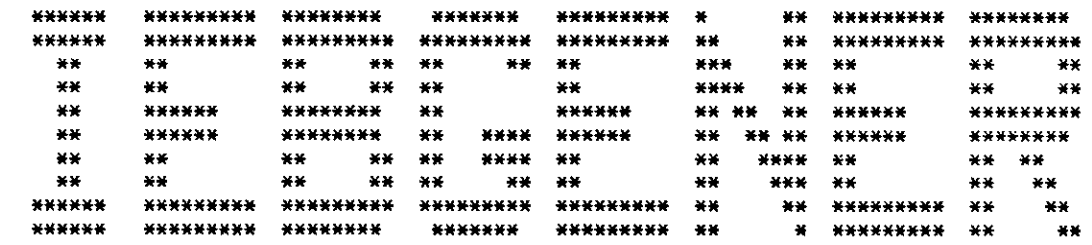
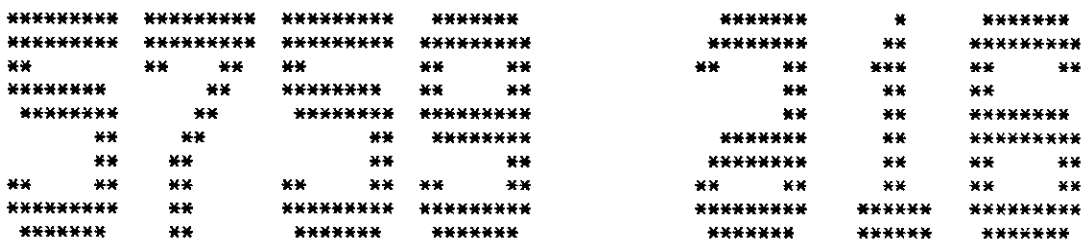
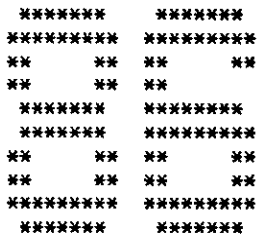


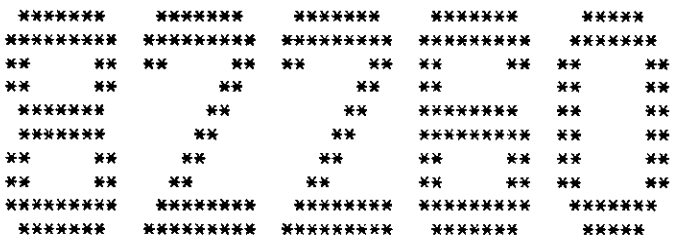
FINAL 800 NW

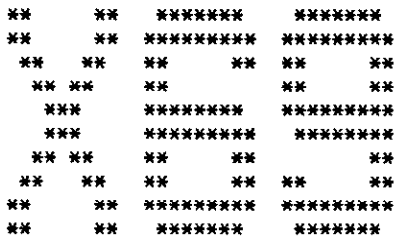
OPERATING COST ESTIMATE

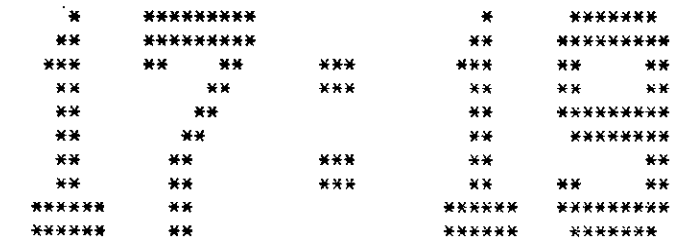
SEPT 14/82



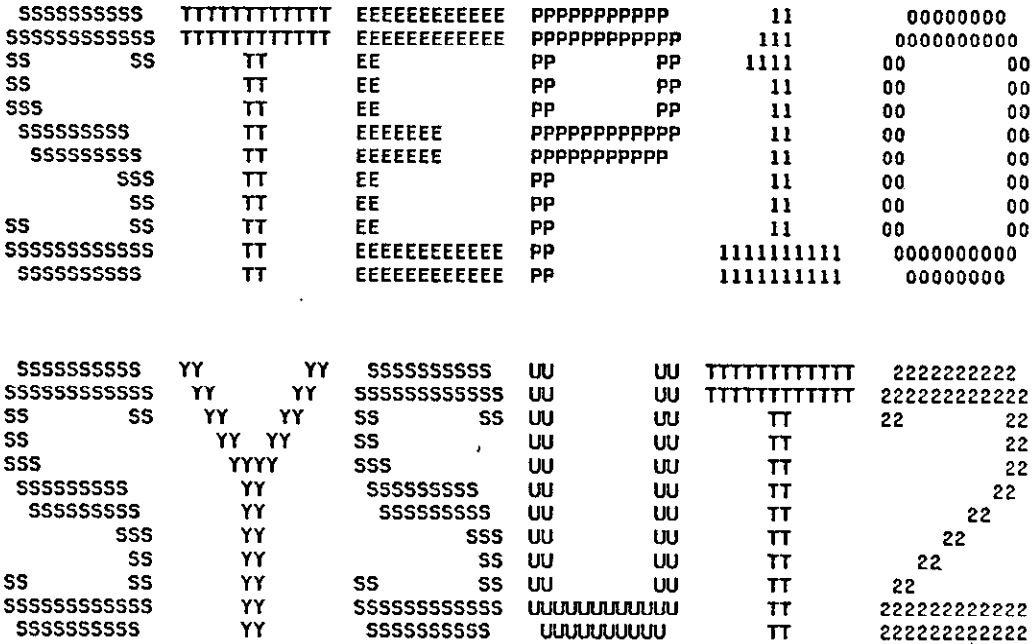








MOORE BUSINESS FORMS FORMULES D'AFFAIRES MOORE



MOORE BUSINESS FORMS FORMULES AFFAIRES MOORE

100.SITE AND PIT ROADS						
1100.	0.	632.	709.	1343.	1661.	1661.
1200.	10.	100.	225.	600.	845.	967.
200.POWER						
2110.	319.	319.	319.	319.	319.	319.
110.MANAGEMENT						
2110.	20.	20.	20.	20.	20.	20.
2110.	110.	125.	140.	168.	168.	168.
2120.	541.	541.	578.	673.	710.	753.
120.ADMINISTRATION						
2120.	27.	27.	29.	34.	36.	38.
2120.	378.	515.	688.	770.	770.	770.
2130.	0.	96.	96.	129.	129.	129.
130.ADMINISTRATION SERVICES						
2130.	95.	257.	257.	257.	257.	257.
2130.	5.	18.	18.	18.	18.	18.
2130.	28.	66.	52.	36.	36.	36.
2140.	0.	30.	129.	129.	129.	129.
140.ADMINISTRATION SITE SVCS						
2140.	0.	39.	63.	106.	106.	106.
2140.	0.	15.	30.	60.	60.	60.
2140.	0.	5.	10.	20.	20.	20.
2150.	85.	334.	381.	381.	381.	381.
150.HUMAN RESOURCES						
2150.	0.	47.	69.	84.	84.	84.
2150.	0.	427.	609.	304.	304.	304.
2152.	0.	49.	49.	97.	97.	97.
152.TRAINING						
2152.	0.	44.	44.	44.	44.	44.
2152.	0.	15.	35.	47.	58.	58.
2152.	0.	50.	100.	200.	200.	200.
2154.	117.	437.	612.	936.	1186.	1236.
154.HOUSING ASSISTANCE						
2180.	60.	216.	216.	216.	249.	317.
180.MINE ENGINEERING						
2180.	10.	31.	40.	56.	64.	67.
2180.	25.	50.	75.	95.	130.	140.
2182.	0.	58.	58.	58.	58.	58.
182.CLOSE SPACED DRILLING						
2205.	38.	698.	1135.	2061.	2938.	2977.
205.MAINTENANCE SHOPS						
2205.	93.	201.	435.	435.	435.	483.
2205.	7.	45.	79.	125.	173.	173.
2205.	0.	15.	30.	40.	60.	60.
2205.	-18.	-597.	-1050.	-1914.	-2758.	-2880.
2205.	10.	10.	15.	15.	20.	20.
2260.	0.	39.	39.	108.	185.	185.
230.MINE SERVICE VEHICLES						
260.ELECTRICAL MAINTENANCE						
2260.	0.	2.	2.	5.	9.	9.
2260.	0.	-39.	-39.	-108.	-185.	-185.
2270.	0.	0.	0.	0.	0.	36.
270.MINE COMMUNICATIONS						
2270.	0.	0.	15.	15.	25.	40.
2350.	16.	148.	277.	340.	414.	414.
350.MINE TRANSPORTATION						
2400.	0.	23.	46.	81.	81.	81.
400.FIELD LUBRICATION/FUELIN						
3010.	93.	249.	410.	506.	506.	506.

MOORE BUSINESS FORMS FORMULES D'AFFAIRES MOORE

010.MINE SUPERVISION						
3010.	5.	12.	21.	25.	25.	25.
3010.	2.	5.	8.	11.	12.	13.
3020.	0.	97.	165.	292.	389.	389.
020.GENERAL MINE COSTS						
3020.	0.	5.	8.	15.	20.	20.
3090.	13.	848.	913.	1168.	1168.	1177.
090.AUXILLIARY EQUIPMENT						
3230.	0.	0.	0.	26.	59.	71.
230.LOADING WASTE PARTINGS						
3240.	0.	0.	0.	99.	233.	285.
240.HAULING WASTE PARTINGS						
3310.	0.	9.	17.	28.	42.	42.
310.DRILLING WASTE						
3320.	0.	0.	0.	87.	128.	128.
320.BLASTING WASTE						
3330.	0.	244.	535.	808.	1206.	1222.
330.LOADING WASTE						
3340.	0.	822.	1700.	2830.	4239.	4353.
340.HAULING WASTE						
3430.	0.	0.	68.	195.	442.	528.
430.LOADING COAL						
3440.	0.	0.	164.	343.	782.	1008.
440.HAULING COAL						
3600.	0.	64.	64.	64.	64.	64.
600.PIT DEWATERING & DRAINAG						
3600.	0.	40.	40.	40.	40.	40.
3600.	43.	68.	81.	81.	81.	94.
3600.	0.	750.	0.	490.	0.	0.
4400.	0.	0.	0.	67.	134.	134.
900.LIMESTONE QUARRY						
400.COAL CONVEYING TO CRUSHE						
4400.	0.	0.	0.	3.	7.	7.
4400.	0.	0.	10.	107.	193.	215.
4400.	0.	0.	10.	70.	125.	139.
5100.	0.	0.	0.	101.	134.	134.
100.COAL CRUSHING						
5100.	0.	0.	0.	5.	7.	7.
5100.	0.	0.	0.	106.	190.	211.
5100.	0.	0.	0.	53.	95.	106.
6300.	0.	0.	0.	316.	422.	422.
400.LOW GRADE COAL						
300.COAL STOCKPILING & BLEND						
6300.	0.	0.	0.	16.	21.	21.
6300.	0.	0.	0.	126.	252.	252.
6300.	0.	0.	0.	126.	252.	252.
6300.	0.	0.	61.	121.	170.	170.
6800.	0.	0.	0.	98.	131.	131.
800.COAL CONVEYING TO POWERP						
6800.	0.	0.	0.	5.	7.	7.
6800.	0.	0.	0.	115.	231.	231.
6800.	0.	0.	0.	115.	231.	231.
7000.	0.	392.	847.	982.	1049.	1064.
000.WASTE DUMPS						
9000.	0.	853.	1390.	2166.	3009.	3143.
100.WASTE HANDLING IN PIT						
200.WASTE TO HOUTH MEADOWS						
300.WASTE TO MEDICINE CREEK						
000.MOBILE EQUIPMENT						
9000.	28.	725.	1182.	1745.	2317.	2419.

NCORE BUSINESS FO

9000.	0.	12.	29.	55.	88.	93.
9000.	0.	138.	190.	261.	344.	353.
9000.	3.	173.	338.	548.	764.	805.
9000.	0.	0.	0.	0.	0.	0.
9000.	23.	746.	1347.	2167.	3041.	3196.
9000.	18.	635.	1078.	1658.	2240.	2338.
9000.	-72.	-3243.	-5476.	-8503.	-11684.	-12228.

LIMULES D'AFFAIRES MOORE

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
9999.TOTAL ALL COST CENTERS

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
SITE AND PIT ROADS															
	0.	632.	709.	1343.	1661.	1661.	1661.	1661.	1600.	1600.	1600.	1600.	1600.	1265.	1265.
	1265.	1265.	1265.	1265.	1265.	1265.	1265.	1265.	1177.	1177.	1177.	1177.	1177.	1177.	1177.
	1177.	1177.	1177.	900.	900.	900.	900.	900.	411.	0.	0.	0.	0.		46659.
POWER															
	10.	100.	225.	600.	845.	967.	967.	967.	967.	967.	967.	967.	967.	967.	967.
	967.	967.	967.	967.	967.	967.	967.	967.	967.	967.	967.	967.	967.	967.	967.
	967.	967.	967.	967.	967.	967.	967.	967.	640.	0.	0.	0.	0.		34331.
MANAGEMENT															
	449.	464.	479.	507.	507.	507.	507.	507.	507.	507.	507.	507.	507.	507.	507.
	507.	507.	507.	507.	507.	507.	507.	507.	507.	507.	507.	507.	507.	507.	507.
	507.	507.	507.	507.	507.	507.	507.	507.	464.	0.	0.	0.	0.		19609.
ADMINISTRATION															
	946.	1083.	1295.	1477.	1516.	1561.	1561.	1561.	1561.	1561.	1561.	1561.	1561.	1561.	1561.
	1561.	1561.	1561.	1561.	1561.	1561.	1561.	1561.	1561.	1561.	1561.	1561.	1561.	1561.	1561.
	1561.	1561.	1561.	1561.	1561.	1561.	1561.	1561.	1120.	0.	0.	0.	0.		58939.
ADMINISTRATION SERVICES															
	128.	436.	422.	439.	439.	439.	439.	445.	445.	445.	445.	445.	445.	412.	412.
	412.	412.	412.	412.	412.	412.	412.	412.	412.	412.	412.	412.	412.	412.	412.
	412.	412.	412.	412.	412.	412.	412.	412.	353.	0.	0.	0.	0.		16061.
ADMINISTRATION SITE SVCS															
	0.	89.	232.	315.	315.	315.	330.	330.	330.	330.	330.	330.	330.	330.	330.
	330.	330.	330.	330.	330.	330.	330.	330.	330.	330.	330.	330.	330.	330.	330.
	330.	330.	330.	330.	330.	330.	330.	330.	266.	0.	0.	0.	0.		12085.
HUMAN RESOURCES															
	85.	808.	1059.	769.	769.	769.	689.	689.	689.	689.	689.	689.	689.	689.	689.
	689.	689.	689.	689.	689.	689.	689.	689.	689.	689.	689.	689.	689.	689.	689.
	689.	689.	689.	689.	689.	689.	689.	689.	402.	0.	0.	0.	0.		26702.
TRAINING															
	0.	157.	227.	388.	399.	399.	399.	399.	399.	399.	399.	399.	399.	399.	399.
	399.	399.	399.	399.	399.	399.	399.	399.	399.	399.	399.	399.	399.	399.	399.
	399.	399.	399.	399.	399.	399.	399.	399.	0.	0.	0.	0.	0.		14332.
HOUSING ASSISTANCE															
	117.	437.	612.	936.	1186.	1236.	1306.	1240.	1211.	1211.	1211.	1211.	1211.	1069.	1069.
	1069.	1069.	1069.	1032.	1032.	1032.	1032.	1032.	999.	999.	999.	999.	999.	999.	999.
	999.	999.	999.	874.	874.	874.	874.	874.	503.	0.	0.	0.	0.		38483.
MINE ENGINEERING															
	95.	297.	331.	367.	443.	524.	524.	524.	524.	524.	524.	524.	524.	524.	524.
	524.	524.	524.	524.	524.	524.	524.	524.	524.	524.	524.	524.	524.	524.	524.
	524.	524.	524.	524.	524.	524.	524.	456.	65.	0.	0.	0.	0.		18833.
CLOSE SPACED DRILLING															

MOORE BUSINESS FORMS FORMULES D'AFFAIRES MOORE 4

	0.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.
	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.
	58.	58.	58.	23.	23.	23.	0.	0.	0.	0.	0.	0.	0.		1925.
MAINTENANCE SHOPS															
	130.	371.	643.	761.	868.	833.	896.	841.	762.	510.	1089.	940.	1068.	704.	811.
	798.	920.	1097.	850.	841.	855.	800.	822.	789.	799.	810.	695.	700.	736.	776.
	743.	678.	861.	623.	646.	770.	801.	810.	531.	0.	0.	0.	0.		29977.
MINE SERVICE VEHICLES															
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
ELECTRICAL MAINTENANCE															
	0.	2.	2.	5.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.
	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.
	9.	9.	9.	9.	9.	9.	9.	9.	5.	0.	0.	0.	0.		331.
MINE COMMUNICATIONS															
	0.	0.	15.	15.	25.	76.	76.	76.	76.	76.	76.	76.	76.	76.	76.
	76.	76.	76.	76.	76.	76.	76.	76.	76.	76.	76.	76.	76.	76.	76.
	76.	76.	76.	76.	76.	76.	76.	76.	0.	0.	0.	0.	0.		2576.
MINE TRANSPORTATION															
	16.	148.	277.	340.	414.	414.	414.	414.	414.	414.	414.	414.	414.	414.	414.
	414.	414.	414.	414.	414.	414.	414.	414.	414.	414.	414.	414.	414.	414.	414.
	414.	414.	414.	414.	414.	414.	414.	414.	258.	0.	0.	0.	0.		15115.
FIELD LUBRICATION/FUELIN															
	0.	23.	46.	81.	81.	81.	81.	105.	105.	105.	105.	105.	105.	105.	105.
	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.
	105.	105.	105.	105.	105.	105.	105.	105.	72.	0.	0.	0.	0.		3720.
MINE SUPERVISION															
	100.	266.	438.	542.	543.	544.	594.	594.	594.	594.	594.	594.	594.	594.	594.
	594.	594.	594.	594.	594.	594.	594.	594.	546.	546.	546.	546.	546.	546.	546.
	546.	546.	546.	546.	546.	546.	546.	546.	374.	0.	0.	0.	0.		21100.
GENERAL MINE COSTS															
	0.	102.	173.	307.	409.	409.	442.	409.	409.	409.	409.	409.	409.	341.	341.
	341.	341.	341.	307.	307.	307.	307.	307.	307.	307.	307.	307.	307.	307.	307.
	307.	307.	307.	238.	238.	238.	238.	238.	137.	0.	0.	0.	0.		11926.
AUXILLIARY EQUIPMENT															
	13.	848.	913.	1168.	1168.	1177.	1177.	1177.	1084.	1084.	1016.	1016.	1016.	764.	764.
	764.	764.	764.	691.	691.	691.	691.	691.	629.	629.	629.	629.	629.	629.	629.
	629.	629.	629.	548.	548.	548.	548.	548.	257.	0.	0.	0.	0.		29419.
LOADING WASTE PARTINGS															
	0.	0.	0.	26.	59.	71.	79.	78.	77.	77.	75.	77.	80.	81.	78.
	75.	79.	81.	84.	81.	79.	81.	80.	79.	77.	80.	75.	82.	82.	81.
	78.	82.	83.	79.	79.	80.	77.	77.	30.	0.	0.	0.	0.		2719.
HAULING WASTE PARTINGS															
	0.	0.	0.	99.	233.	285.	320.	322.	336.	336.	331.	334.	268.	406.	392.
	380.	395.	410.	473.	455.	447.	454.	450.	447.	431.	452.	428.	461.	526.	521.
	497.	528.	533.	506.	505.	511.	496.	490.	192.	0.	0.	0.	0.		14650.
DRILLING WASTE															

MOORE BUSINESS FORMS FORMULES D'AFFAIRES MOORE 4

	0.	9.	17.	28.	42.	42.	48.	40.	40.	49.	31.	31.	31.	31.	23.
	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	12.	12.
	12.	12.	8.	8.	8.	4.	4.	4.	4.	0.	0.	0.	0.		849.
BLASTING WASTE															
	0.	0.	0.	87.	128.	128.	128.	128.	108.	108.	108.	108.	108.	66.	66.
	66.	66.	66.	46.	46.	46.	46.	46.	32.	32.	32.	32.	32.	11.	11.
	11.	11.	11.	5.	11.	11.	11.	11.	7.	0.	0.	0.	0.		1971.
LOADING WASTE															
	0.	244.	535.	808.	1206.	1222.	1343.	1148.	1157.	1375.	841.	968.	855.	776.	701.
	725.	612.	414.	447.	469.	464.	503.	487.	393.	397.	372.	486.	457.	348.	322.
	362.	389.	271.	183.	170.	68.	58.	55.	40.	0.	0.	0.	0.		21671.
HAULING WASTE															
	0.	822.	1700.	2830.	4239.	4353.	4921.	4132.	4420.	5411.	3218.	3802.	3282.	3317.	2925.
	3049.	2450.	1657.	2062.	2195.	2162.	2395.	2303.	1799.	1824.	1674.	2349.	2174.	1871.	1693.
	1966.	2150.	1351.	998.	910.	366.	299.	276.	187.	0.	0.	0.	0.		89532.
LOADING COAL															
	0.	0.	68.	195.	442.	528.	586.	582.	577.	578.	570.	573.	593.	600.	585.
	570.	587.	602.	615.	598.	591.	598.	595.	592.	577.	596.	573.	604.	606.	601.
	581.	608.	611.	590.	588.	593.	580.	576.	222.	0.	0.	0.	0.		20331.
HAULING COAL															
	0.	0.	164.	343.	782.	1008.	1184.	1184.	1066.	1069.	1051.	1059.	1106.	1291.	1244.
	1203.	1254.	1298.	1429.	1375.	1350.	1374.	1362.	1353.	1305.	1368.	1295.	1392.	1623.	1606.
	1532.	1629.	1640.	1561.	1557.	1576.	1525.	1511.	593.	0.	0.	0.	0.		46262.
PIT DEWATERING & DRAINAG															
	43.	922.	185.	675.	185.	198.	198.	1208.	248.	248.	248.	248.	688.	259.	259.
	259.	259.	629.	281.	281.	281.	281.	351.	281.	281.	281.	281.	351.	281.	281.
	281.	281.	281.	259.	238.	238.	238.	238.	113.	0.	0.	0.	0.		12648.
LIMESTONE QUARRY															
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
COAL CONVEYING TO CRUSHE															
	0.	0.	20.	248.	460.	495.	495.	495.	495.	495.	495.	495.	495.	495.	495.
	495.	495.	495.	495.	495.	495.	495.	495.	495.	495.	495.	495.	495.	495.	495.
	495.	495.	495.	495.	495.	495.	495.	495.	248.	0.	0.	0.	0.		17310.
COAL CRUSHING															
	0.	0.	0.	264.	426.	458.	458.	458.	458.	458.	458.	458.	458.	458.	458.
	458.	458.	458.	458.	458.	458.	458.	458.	458.	458.	458.	458.	458.	458.	458.
	458.	458.	458.	458.	458.	458.	458.	458.	264.	0.	0.	0.	0.		16065.
LOW GRADE COAL															
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
COAL STOCKPILING & BLEND															
	0.	0.	61.	706.	1118.	1118.	1118.	1118.	1118.	1118.	1118.	1118.	1118.	1118.	1118.
	1118.	1118.	1118.	1118.	1118.	1118.	1118.	1118.	1118.	1118.	1118.	1118.	1118.	1118.	1118.
	1118.	1118.	1118.	1118.	1118.	1118.	1118.	1118.	726.	0.	0.	0.	0.		39490.
COAL CONVEYING TO POWERP															

	0.	0.	0.	334.	598.	598.	598.	598.	598.	598.	598.	598.	598.	598.	598.
	598.	598.	598.	598.	598.	598.	598.	598.	598.	598.	598.	598.	598.	598.	598.
	598.	598.	598.	598.	598.	598.	598.	598.	334.	0.	0.	0.	0.		21012.
WASTE DUMPS															
	0.	392.	847.	982.	1049.	1064.	1174.	998.	1008.	1204.	772.	888.	787.	686.	636.
	636.	561.	460.	480.	480.	480.	480.	480.	480.	480.	480.	480.	480.	460.	460.
	460.	460.	309.	240.	240.	145.	145.	145.	38.	0.	0.	0.	0.		22046.
WASTE HANDLING IN PIT															
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WASTE TO HOUTH MEADOWS															
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WASTE TO MEDICINE CREEK															
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
MOBILE EQUIPMENT															
	0.	39.	78.	97.	119.	119.	117.	119.	118.	117.	118.	118.	116.	118.	117.
	118.	119.	119.	120.	118.	118.	119.	120.	117.	117.	117.	116.	118.	117.	119.
	118.	118.	118.	118.	118.	118.	118.	117.	77.	0.	0.	0.	0.		4302.
TOTAL ALL COST CENTERS															
	2131.	8749.	11831.	18139.	22739.	23665.	24897.	24613.	23567.	24732.	22034.	22728.	22564.	21089.	20591.
	20656.	20079.	19610.	19519.	19571.	19505.	19763.	19728.	18763.	18721.	18663.	19211.	19252.	19051.	18861.
	19019.	19324.	18455.	16962.	16862.	16272.	16121.	16011.	8932.	0.	0.	0.	0.		732981.

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
1100.SITE AND PIT ROADS

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	632.0	709.0	1343.0	1661.0	1661.0	1661.0	1661.0	1600.0	1600.0	1600.0	1600.0	1600.0	1265.0	1265.0
	1265.0	1265.0	1265.0	1265.0	1265.0	1265.0	1265.0	1265.0	1177.0	1177.0	1177.0	1177.0	1177.0	1177.0	1177.0
	1177.0	1177.0	1177.0	900.0	900.0	900.0	900.0	900.0	411.0	0.0	0.0	0.0	0.0		46659.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	632.0	709.0	1343.0	1661.0	1661.0	1661.0	1661.0	1600.0	1600.0	1600.0	1600.0	1600.0	1265.0	1265.0
	1265.0	1265.0	1265.0	1265.0	1265.0	1265.0	1265.0	1265.0	1177.0	1177.0	1177.0	1177.0	1177.0	1177.0	1177.0
	1177.0	1177.0	1177.0	900.0	900.0	900.0	900.0	900.0	411.0	0.0	0.0	0.0	0.0		46659.0

MOORE BUSINESS FORMS FORMULES D'AFFAIRES MOORE

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
1200.POWER

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	10.0	100.0	225.0	600.0	845.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0
	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0
	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	640.0	0.0	0.0	0.0	0.0		34331.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	10.0	100.0	225.0	600.0	845.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0
	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0
	967.0	967.0	967.0	967.0	967.0	967.0	967.0	967.0	640.0	0.0	0.0	0.0	0.0		34331.0

M:\ONE BUSINESS FORMS\FORMULES D'AFFAIRES.WQDB 1

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
2110.MANAGEMENT

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2
	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2
	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2	319.2	0.0	0.0	0.0	0.0		12448.8
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	0.0	0.0	0.0	0.0		780.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	110.0	125.0	140.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0
	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0
	168.0	168.0	168.0	168.0	168.0	168.0	168.0	168.0	125.0	0.0	0.0	0.0	0.0		6380.0
TOTAL COSTS	449.2	464.2	479.2	507.2	507.2	507.2	507.2	507.2	507.2	507.2	507.2	507.2	507.2	507.2	507.2
	507.2	507.2	507.2	507.2	507.2	507.2	507.2	507.2	507.2	507.2	507.2	507.2	507.2	507.2	507.2
	507.2	507.2	507.2	507.2	507.2	507.2	507.2	507.2	464.2	0.0	0.0	0.0	0.0		19608.8

MOORE BUSINESS FORMS FORMULES D'AFFAIRES MOORE 1

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
2120.ADMINISTRATION

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	541.0	541.0	578.0	673.0	710.0	753.0	753.0	753.0	753.0	753.0	753.0	753.0	753.0	753.0	753.0
	753.0	753.0	753.0	753.0	753.0	753.0	753.0	753.0	753.0	753.0	753.0	753.0	753.0	753.0	753.0
	753.0	753.0	753.0	753.0	753.0	753.0	753.0	753.0	492.0	0.0	0.0	0.0	0.0		28384.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	27.1	27.1	28.9	33.7	35.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	24.6	0.0	0.0	0.0	0.0		1421.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	378.0	515.0	688.0	770.0	770.0	770.0	770.0	770.0	770.0	770.0	770.0	770.0	770.0	770.0	770.0
	770.0	770.0	770.0	770.0	770.0	770.0	770.0	770.0	770.0	770.0	770.0	770.0	770.0	770.0	770.0
	770.0	770.0	770.0	770.0	770.0	770.0	770.0	770.0	603.0	0.0	0.0	0.0	0.0		29134.0
TOTAL COSTS	946.1	1083.1	1294.9	1476.7	1515.5	1560.7	1560.7	1560.7	1560.7	1560.7	1560.7	1560.7	1560.7	1560.7	1560.7
	1560.7	1560.7	1560.7	1560.7	1560.7	1560.7	1560.7	1560.7	1560.7	1560.7	1560.7	1560.7	1560.7	1560.7	1560.7
	1560.7	1560.7	1560.7	1560.7	1560.7	1560.7	1560.7	1560.7	1119.6	0.0	0.0	0.0	0.0		58939.0

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
2130.ADMINISTRATION SERVICES

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	95.9	95.9	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5	128.5	95.9	95.9
	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	63.2	0.0	0.0	0.0	0.0		3937.5
SALARIES & BENFITS	95.2	256.5	256.5	256.5	256.5	256.5	256.5	256.5	256.5	256.5	256.5	256.5	256.5	256.5	256.5
	256.5	256.5	256.5	256.5	256.5	256.5	256.5	256.5	256.5	256.5	256.5	256.5	256.5	256.5	256.5
	256.5	256.5	256.5	256.5	256.5	256.5	256.5	256.5	256.5	0.0	0.0	0.0	0.0		9842.2
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	4.8	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	0.0	0.0	0.0	0.0		673.6
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	28.0	66.0	52.0	36.0	36.0	36.0	36.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	16.0	0.0	0.0	0.0	0.0		1608.0
TOTAL COSTS	128.0	436.0	422.0	438.6	438.6	438.6	438.6	444.6	444.6	444.6	444.6	444.6	444.6	412.0	412.0
	412.0	412.0	412.0	412.0	412.0	412.0	412.0	412.0	412.0	412.0	412.0	412.0	412.0	412.0	412.0
	412.0	412.0	412.0	412.0	412.0	412.0	412.0	412.0	353.3	0.0	0.0	0.0	0.0		16061.3

MOORE BUSINESS FORMS FORMULES D'AFFAIRES MOORE 4

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
2140.ADMINISTRATION SITE SVCS

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	29.9	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8
	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8
	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	93.3	0.0	0.0	0.0	0.0		4760.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	39.0	63.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0
	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0
	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	100.0	0.0	0.0	0.0	0.0		3912.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	15.0	30.0	60.0	60.0	60.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	53.0	0.0	0.0	0.0	0.0		2678.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	0.0	5.0	10.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	0.0	0.0	0.0	0.0		735.0
TOTAL COSTS	0.0	88.9	231.8	314.8	314.8	314.8	329.8	329.8	329.8	329.8	329.8	329.8	329.8	329.8	329.8
	329.8	329.8	329.8	329.8	329.8	329.8	329.8	329.8	329.8	329.8	329.8	329.8	329.8	329.8	329.8
	329.8	329.8	329.8	329.8	329.8	329.8	329.8	329.8	266.3	0.0	0.0	0.0	0.0		12085.0

MOORE BUSINESS FORMS FORMULES D'AFFAIRES MOORE 4

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
2150.HUMAN RESOURCES

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	85.1	333.8	380.8	380.8	380.8	380.8	380.8	380.8	380.8	380.8	380.8	380.8	380.8	380.8	380.8
	380.8	380.8	380.8	380.8	380.8	380.8	380.8	380.8	380.8	380.8	380.8	380.8	380.8	380.8	380.8
	380.8	380.8	380.8	380.8	380.8	380.8	380.8	380.8	347.2	0.0	0.0	0.0	0.0		14474.8
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	47.0	69.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	42.0	0.0	0.0	0.0	0.0		3098.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	0.0	427.0	609.0	304.0	304.0	304.0	224.0	224.0	224.0	224.0	224.0	224.0	224.0	224.0	224.0
	224.0	224.0	224.0	224.0	224.0	224.0	224.0	224.0	224.0	224.0	224.0	224.0	224.0	224.0	224.0
	224.0	224.0	224.0	224.0	224.0	224.0	224.0	224.0	13.0	0.0	0.0	0.0	0.0		9129.0
TOTAL COSTS	85.1	807.8	1058.8	768.8	768.8	768.8	688.8	688.8	688.8	688.8	688.8	688.8	688.8	688.8	688.8
	688.8	688.8	688.8	688.8	688.8	688.8	688.8	688.8	688.8	688.8	688.8	688.8	688.8	688.8	688.8
	688.8	688.8	688.8	688.8	688.8	688.8	688.8	688.8	402.2	0.0	0.0	0.0	0.0		26701.8

MOORE BUSINESS FORMS FORMULES D'AFFAIRES MOORE 4

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
2152.TRAINING

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	48.6	48.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	0.0	0.0	0.0	0.0	0.0		3499.2
SALARIES & BENFITS	0.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	0.0	0.0	0.0	0.0	0.0		1631.7
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	14.6	34.6	47.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	0.0	0.0	0.0	0.0	0.0		2051.3
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	0.0	50.0	100.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0
	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	0.0	0.0	0.0	0.0	0.0		7150.0
TOTAL COSTS	0.0	157.3	227.3	388.4	398.8	398.8	398.8	398.8	398.8	398.8	398.8	398.8	398.8	398.8	398.8
	398.8	398.8	398.8	398.8	398.8	398.8	398.8	398.8	398.8	398.8	398.8	398.8	398.8	398.8	398.8
	398.8	398.8	398.8	398.8	398.8	398.8	398.8	398.8	0.0	0.0	0.0	0.0	0.0		14332.2

MOORE BUSINESS FORMS INC. 4-7-4

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
2154.HOUSING ASSISTANCE

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	116.5	436.8	611.6	936.1	1185.7	1235.6	1306.3	1239.8	1210.5	1210.5	1210.5	1210.5	1210.5	1069.2	1069.2
	1069.2	1069.2	1069.2	1031.8	1031.8	1031.8	1031.8	1031.8	998.5	998.5	998.5	998.5	998.5	998.5	998.5
	998.5	998.5	998.5	873.7	873.7	873.7	873.7	873.7	503.4	0.0	0.0	0.0	0.0		38482.8
TOTAL COSTS	116.5	436.8	611.6	936.1	1185.7	1235.6	1306.3	1239.8	1210.5	1210.5	1210.5	1210.5	1210.5	1069.2	1069.2
	1069.2	1069.2	1069.2	1031.8	1031.8	1031.8	1031.8	1031.8	998.5	998.5	998.5	998.5	998.5	998.5	998.5
	998.5	998.5	998.5	873.7	873.7	873.7	873.7	873.7	503.4	0.0	0.0	0.0	0.0		38482.8

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
2180.MINE ENGINEERING

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	60.3	215.7	215.7	215.7	249.3	317.4	317.4	317.4	317.4	317.4	317.4	317.4	317.4	317.4	317.4
	317.4	317.4	317.4	317.4	317.4	317.4	317.4	317.4	317.4	317.4	317.4	317.4	317.4	317.4	317.4
	317.4	317.4	317.4	317.4	317.4	317.4	317.4	249.3	0.0	0.0	0.0	0.0	0.0		11362.8
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	10.0	30.8	39.8	56.0	63.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	34.5	0.0	0.0	0.0	0.0		2445.7
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	25.0	50.0	75.0	95.0	130.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
	140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0	30.0	0.0	0.0	0.0	0.0		5025.0
TOTAL COSTS	95.3	296.5	330.5	366.7	442.9	524.4	524.4	524.4	524.4	524.4	524.4	524.4	524.4	524.4	524.4
	524.4	524.4	524.4	524.4	524.4	524.4	524.4	524.4	524.4	524.4	524.4	524.4	524.4	524.4	524.4
	524.4	524.4	524.4	524.4	524.4	524.4	524.4	456.3	64.5	0.0	0.0	0.0	0.0		18833.5

MOORE BUSINESS FORMS/FORMULES D'AFFAIRES MOORE

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
2182.CLOSE SPACED DRILLING

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
	58.0	58.0	58.0	23.0	23.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1925.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
	58.0	58.0	58.0	23.0	23.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1925.0

MOORE BUSINESS FORMS FORMULES D'AFFAIRES MOORE 4

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
2205.MAINTENANCE SHOPS

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	38.0	698.0	1135.0	2061.0	2938.0	2977.0	3231.0	2977.0	2860.0	2860.0	2860.0	2860.0	2860.0	2453.0	2453.0
	2453.0	2453.0	2453.0	2313.0	2313.0	2313.0	2313.0	2313.0	2168.0	2168.0	2168.0	2168.0	2168.0	2173.0	2173.0
	2173.0	2173.0	2173.0	1784.0	1784.0	1784.0	1784.0	1784.0	876.0	0.0	0.0	0.0	0.0		85686.0
SALARIES & BENFITS	93.0	200.5	434.6	434.6	434.6	482.7	482.7	482.7	482.7	482.7	482.7	482.7	482.7	482.7	482.7
	482.7	482.7	482.7	482.7	482.7	482.7	482.7	482.7	482.7	482.7	482.7	482.7	482.7	482.7	482.7
	482.7	482.7	482.7	482.7	482.7	482.7	482.7	482.7	345.0	0.0	0.0	0.0	0.0		17871.4
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	6.6	44.9	78.5	124.7	172.9	172.9	172.9	172.9	167.1	167.1	167.1	167.1	167.1	144.1	144.1
	144.1	144.1	144.1	144.1	144.1	144.1	144.1	144.1	132.6	132.6	132.6	132.6	132.6	132.6	132.6
	132.6	132.6	132.6	113.3	113.3	113.3	113.3	113.3	61.1	0.0	0.0	0.0	0.0		5176.4
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	15.0	30.0	40.0	60.0	60.0	60.0	60.0	100.0	100.0	100.0	100.0	100.0	80.0	80.0
	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	70.0	70.0	70.0	60.0	60.0	60.0	60.0	60.0	40.0	0.0	0.0	0.0	0.0		2665.0
MAINTCE ALLOCATION	-18.0	-597.0	-1050.0	-1914.0	-2758.0	-2880.0	-3071.0	-2872.0	-2873.0	-3125.0	-2546.0	-2695.0	-2567.0	-2481.0	-2374.0
	-2387.0	-2265.0	-2088.0	-2195.0	-2204.0	-2190.0	-2245.0	-2223.0	-2089.0	-2079.0	-2068.0	-2183.0	-2178.0	-2147.0	-2107.0
	-2140.0	-2205.0	-2022.0	-1832.0	-1809.0	-1685.0	-1654.0	-1645.0	-796.0	0.0	0.0	0.0	0.0		-82257.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	10.0	10.0	15.0	15.0	20.0	20.0	20.0	20.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
	25.0	25.0	25.0	15.0	15.0	15.0	15.0	15.0	5.0	0.0	0.0	0.0	0.0		835.0
TOTAL COSTS	129.6	371.4	643.1	761.3	867.5	832.6	895.6	840.6	761.8	509.8	1088.8	939.8	1067.8	703.8	810.8
	797.8	919.8	1096.8	849.8	840.8	854.8	799.8	821.8	789.3	799.3	810.3	695.3	700.3	736.3	776.3
	743.3	678.3	861.3	623.0	646.0	770.0	801.0	810.0	531.1	0.0	0.0	0.0	0.0		29976.7

M-DRE BUSINESS FORMS/FORMULES D'AFFAIRES

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
2230.MINE SERVICE VEHICLES

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
2260.ELECTRICAL MAINTENANCE

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	38.5	38.5	107.5	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1
	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1
	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1	107.5	0.0	0.0	0.0	0.0		6585.4
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	1.9	1.9	5.4	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	5.4	0.0	0.0	0.0	0.0		330.8
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	-38.5	-38.5	-107.5	-185.1	-185.1	-185.1	-185.1	-185.1	-185.1	-185.1	-185.1	-185.1	-185.1	-185.1
	-185.1	-185.1	-185.1	-185.1	-185.1	-185.1	-185.1	-185.1	-185.1	-185.1	-185.1	-185.1	-185.1	-185.1	-185.1
	-185.1	-185.1	-185.1	-185.1	-185.1	-185.1	-185.1	-185.1	-107.5	0.0	0.0	0.0	0.0		-6585.4
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	1.9	1.9	5.4	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	5.4	0.0	0.0	0.0	0.0		330.8

MOORE BUSINESS FORMS FORMULES D'AFFAIRES MOORE 4

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
2270.MINE COMMUNICATIONS

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	0.0	0.0	0.0	0.0	0.0		1201.2
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	0.0	0.0	15.0	15.0	25.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	0.0	0.0	0.0	0.0	0.0		1375.0
TOTAL COSTS	0.0	0.0	15.0	15.0	25.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	0.0	0.0	0.0	0.0	0.0		2576.2

MCCOPE BUSINESS FORMS/FORMULES D'AFFAIRES MCCOPE 4

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
2350.MINE TRANSPORTATION

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	16.0	148.0	277.0	340.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0
	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0
	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	258.0	0.0	0.0	0.0	0.0		15115.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	16.0	148.0	277.0	340.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0
	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0
	414.0	414.0	414.0	414.0	414.0	414.0	414.0	414.0	258.0	0.0	0.0	0.0	0.0		15115.0

MOORE BUSINESS FORMS FORMULES D'AFFAIRES MOORE

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
2400.FIELD LUBRICATION/FUELIN

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	23.0	46.0	81.0	81.0	81.0	81.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0
	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0
	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	72.0	0.0	0.0	0.0	0.0		3720.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	23.0	46.0	81.0	81.0	81.0	81.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0
	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0
	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	72.0	0.0	0.0	0.0	0.0		3720.0

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
3010.MINE SUPERVISION

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	93.0	248.6	409.9	506.2	506.2	506.2	554.4	554.4	554.4	554.4	554.4	554.4	554.4	554.4	554.4
	554.4	554.4	554.4	554.4	554.4	554.4	554.4	554.4	506.2	506.2	506.2	506.2	506.2	506.2	506.2
	506.2	506.2	506.2	506.2	506.2	506.2	506.2	506.2	356.2	0.0	0.0	0.0	0.0		19644.1
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	4.7	12.4	20.5	25.3	25.3	25.3	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	17.8	0.0	0.0	0.0	0.0		924.9
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	2.0	5.0	8.0	11.0	12.0	13.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	0.0	0.0	0.0	0.0	0.0		531.0
TOTAL COSTS	99.7	266.0	438.4	542.5	543.5	544.5	594.2	594.2	594.2	594.2	594.2	594.2	594.2	594.2	594.2
	594.2	594.2	594.2	594.2	594.2	594.2	594.2	594.2	546.0	546.0	546.0	546.0	546.0	546.0	546.0
	546.0	546.0	546.0	546.0	546.0	546.0	546.0	546.0	374.0	0.0	0.0	0.0	0.0		21100.0

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
3020.GENERAL MINE COSTS

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	97.0	165.0	292.0	389.0	389.0	421.0	389.0	389.0	389.0	389.0	389.0	389.0	325.0	325.0
	325.0	325.0	325.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0	292.0
	292.0	292.0	292.0	227.0	227.0	227.0	227.0	227.0	130.0	0.0	0.0	0.0	0.0		11357.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	4.8	8.3	14.6	19.5	19.5	21.1	19.5	19.5	19.5	19.5	19.5	19.5	16.3	16.3
	16.3	16.3	16.3	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
	14.6	14.6	14.6	11.4	11.4	11.4	11.4	11.4	6.5	0.0	0.0	0.0	0.0		568.8
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	101.8	173.3	306.6	408.5	408.5	442.1	408.5	408.5	408.5	408.5	408.5	408.5	341.3	341.3
	341.3	341.3	341.3	306.6	306.6	306.6	306.6	306.6	306.6	306.6	306.6	306.6	306.6	306.6	306.6
	306.6	306.6	306.6	238.4	238.4	238.4	238.4	238.4	136.5	0.0	0.0	0.0	0.0		11925.8

MOORE BUSINESS FORMS FORMULES D'AFFAIRES MOORE

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
3090.AUXILLIARY EQUIPMENT

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	13.0	848.0	913.0	1168.0	1168.0	1177.0	1177.0	1177.0	1084.0	1084.0	1016.0	1016.0	1016.0	764.0	764.0
	764.0	764.0	764.0	691.0	691.0	691.0	691.0	691.0	629.0	629.0	629.0	629.0	629.0	629.0	629.0
	629.0	629.0	629.0	548.0	548.0	548.0	548.0	548.0	257.0	0.0	0.0	0.0	0.0		29419.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	13.0	848.0	913.0	1168.0	1168.0	1177.0	1177.0	1177.0	1084.0	1084.0	1016.0	1016.0	1016.0	764.0	764.0
	764.0	764.0	764.0	691.0	691.0	691.0	691.0	691.0	629.0	629.0	629.0	629.0	629.0	629.0	629.0
	629.0	629.0	629.0	548.0	548.0	548.0	548.0	548.0	257.0	0.0	0.0	0.0	0.0		29419.0

MOORE BUSINESS FORMS FORM 1153 D APPAINES MOORE #

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
3230.LOADING WASTE PARTINGS

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	26.0	59.0	71.0	79.0	78.0	77.0	77.0	75.0	77.0	80.0	81.0	78.0
	75.0	79.0	81.0	84.0	81.0	79.0	81.0	80.0	79.0	77.0	80.0	75.0	82.0	82.0	81.0
	78.0	82.0	83.0	79.0	79.0	80.0	77.0	77.0	30.0	0.0	0.0	0.0	0.0		2719.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	0.0	0.0	26.0	59.0	71.0	79.0	78.0	77.0	77.0	75.0	77.0	80.0	81.0	78.0
	75.0	79.0	81.0	84.0	81.0	79.0	81.0	80.0	79.0	77.0	80.0	75.0	82.0	82.0	81.0
	78.0	82.0	83.0	79.0	79.0	80.0	77.0	77.0	30.0	0.0	0.0	0.0	0.0		2719.0

MOORE BUSINESS FORMS FORMFLEX DEFIANCE

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
3240.HAULING WASTE PARTINGS

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	99.0	233.0	285.0	320.0	322.0	336.0	336.0	331.0	334.0	268.0	406.0	392.0
	380.0	395.0	410.0	473.0	455.0	447.0	454.0	450.0	447.0	431.0	452.0	428.0	461.0	526.0	521.0
	497.0	528.0	533.0	506.0	505.0	511.0	496.0	490.0	192.0	0.0	0.0	0.0	0.0		14650.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	0.0	0.0	99.0	233.0	285.0	320.0	322.0	336.0	336.0	331.0	334.0	268.0	406.0	392.0
	380.0	395.0	410.0	473.0	455.0	447.0	454.0	450.0	447.0	431.0	452.0	428.0	461.0	526.0	521.0
	497.0	528.0	533.0	506.0	505.0	511.0	496.0	490.0	192.0	0.0	0.0	0.0	0.0		14650.0

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
3310.DRILLING WASTE

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	9.0	17.0	28.0	42.0	42.0	48.0	40.0	40.0	49.0	31.0	31.0	31.0	31.0	23.0
	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	12.0	12.0
	12.0	12.0	8.0	8.0	8.0	4.0	4.0	4.0	4.0	0.0	0.0	0.0	0.0		849.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	9.0	17.0	28.0	42.0	42.0	48.0	40.0	40.0	49.0	31.0	31.0	31.0	31.0	23.0
	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	12.0	12.0
	12.0	12.0	8.0	8.0	8.0	4.0	4.0	4.0	4.0	0.0	0.0	0.0	0.0		849.0

MOORE BUSINESS FORMS/FORMULES D'AFFAIRES MOORE 4

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
3320.BLASTING WASTE

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	87.0	128.0	128.0	128.0	128.0	108.0	108.0	108.0	108.0	108.0	66.0	66.0
	66.0	66.0	66.0	46.0	46.0	46.0	46.0	46.0	32.0	32.0	32.0	32.0	32.0	11.0	11.0
	11.0	11.0	11.0	5.0	11.4	11.4	11.4	11.4	6.5	0.0	0.0	0.0	0.0		1971.1
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0,0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	0.0	0.0	87.0	128.0	128.0	128.0	128.0	108.0	108.0	108.0	108.0	108.0	66.0	66.0
	66.0	66.0	66.0	46.0	46.0	46.0	46.0	46.0	32.0	32.0	32.0	32.0	32.0	11.0	11.0
	11.0	11.0	11.0	5.0	11.4	11.4	11.4	11.4	6.5	0.0	0.0	0.0	0.0		1971.1

MOORE BUSINESS FORMS FORMULES D'AFFAIRES MOORE 4

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
3330.LOADING WASTE

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	244.0	535.0	808.0	1206.0	1222.0	1343.0	1148.0	1157.0	1375.0	841.0	968.0	855.0	776.0	701.0
	725.0	612.0	414.0	447.0	469.0	464.0	503.0	487.0	393.0	397.0	372.0	486.0	457.0	348.0	322.0
	362.0	389.0	271.0	183.0	170.0	68.0	58.0	55.0	40.0	0.0	0.0	0.0	0.0		21671.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	244.0	535.0	808.0	1206.0	1222.0	1343.0	1148.0	1157.0	1375.0	841.0	968.0	855.0	776.0	701.0
	725.0	612.0	414.0	447.0	469.0	464.0	503.0	487.0	393.0	397.0	372.0	486.0	457.0	348.0	322.0
	362.0	389.0	271.0	183.0	170.0	68.0	58.0	55.0	40.0	0.0	0.0	0.0	0.0		21671.0

MOORE BUSINESS FORMS, INC. NEWMARKET, ONTARIO

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
3340.HAULING WASTE

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	822.0	1700.0	2830.0	4239.0	4353.0	4921.0	4132.0	4420.0	5411.0	3218.0	3802.0	3282.0	3317.0	2925.0
	3049.0	2450.0	1657.0	2062.0	2195.0	2162.0	2395.0	2303.0	1799.0	1824.0	1674.0	2349.0	2174.0	1871.0	1693.0
	1966.0	2150.0	1351.0	998.0	910.0	366.0	299.0	276.0	187.0	0.0	0.0	0.0	0.0		89532.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	822.0	1700.0	2830.0	4239.0	4353.0	4921.0	4132.0	4420.0	5411.0	3218.0	3802.0	3282.0	3317.0	2925.0
	3049.0	2450.0	1657.0	2062.0	2195.0	2162.0	2395.0	2303.0	1799.0	1824.0	1674.0	2349.0	2174.0	1871.0	1693.0
	1966.0	2150.0	1351.0	998.0	910.0	366.0	299.0	276.0	187.0	0.0	0.0	0.0	0.0		89532.0

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
3430.LOADING COAL

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	68.0	195.0	442.0	528.0	586.0	582.0	577.0	578.0	570.0	573.0	593.0	600.0	585.0
	570.0	587.0	602.0	615.0	598.0	591.0	598.0	595.0	592.0	577.0	596.0	573.0	604.0	606.0	601.0
	581.0	608.0	611.0	590.0	588.0	593.0	580.0	576.0	222.0	0.0	0.0	0.0	0.0		20331.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	0.0	68.0	195.0	442.0	528.0	586.0	582.0	577.0	578.0	570.0	573.0	593.0	600.0	585.0
	570.0	587.0	602.0	615.0	598.0	591.0	598.0	595.0	592.0	577.0	596.0	573.0	604.0	606.0	601.0
	581.0	608.0	611.0	590.0	588.0	593.0	580.0	576.0	222.0	0.0	0.0	0.0	0.0		20331.0

NESS FORMS FORMULES D'AFFAIRES MOORE

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
3440.HAULING COAL

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	164.0	343.0	782.0	1008.0	1184.0	1184.0	1066.0	1069.0	1051.0	1059.0	1106.0	1291.0	1244.0
	1203.0	1254.0	1298.0	1429.0	1375.0	1350.0	1374.0	1362.0	1353.0	1305.0	1368.0	1295.0	1392.0	1623.0	1606.0
	1532.0	1629.0	1640.0	1561.0	1557.0	1576.0	1525.0	1511.0	593.0	0.0	0.0	0.0	0.0		46262.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	0.0	164.0	343.0	782.0	1008.0	1184.0	1184.0	1066.0	1069.0	1051.0	1059.0	1106.0	1291.0	1244.0
	1203.0	1254.0	1298.0	1429.0	1375.0	1350.0	1374.0	1362.0	1353.0	1305.0	1368.0	1295.0	1392.0	1623.0	1606.0
	1532.0	1629.0	1640.0	1561.0	1557.0	1576.0	1525.0	1511.0	593.0	0.0	0.0	0.0	0.0		46262.0

MOORE BUSINESS FORMS/FORMULES D'AFFAIRES MOORE 4

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
3600.PIT DEWATERING & DRAINAG

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	64.0	64.0	64.0	64.0	64.0	64.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	30.4	0.0	0.0	0.0	0.0		3337.7
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	40.0	40.0	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	10.0	0.0	0.0	0.0	0.0		2110.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	43.0	68.0	81.0	81.0	81.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	105.0	105.0
	105.0	105.0	105.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0
	127.0	127.0	127.0	105.0	84.0	84.0	84.0	84.0	73.0	0.0	0.0	0.0	0.0		4050.0
OUTSIDE SERVICES	0.0	750.0	0.0	490.0	0.0	0.0	0.0	960.0	0.0	0.0	0.0	0.0	440.0	0.0	0.0
	0.0	0.0	370.0	0.0	0.0	0.0	0.0	70.0	0.0	0.0	0.0	0.0	70.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		3150.0
TOTAL COSTS	43.0	922.0	185.0	675.0	185.0	198.0	198.0	1208.3	248.3	248.3	248.3	248.3	688.3	259.3	259.3
	259.3	259.3	629.3	281.3	281.3	281.3	281.3	351.3	281.3	281.3	281.3	281.3	351.3	281.3	281.3
	281.3	281.3	281.3	259.3	238.3	238.3	238.3	238.3	113.4	0.0	0.0	0.0	0.0		12647.7

MOORE BUSINESS FORMS FORMULES D'AFFAIRES MOORE 4

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
3900.LIMESTONE QUARRY

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
4400.COAL CONVEYING TO CRUSHE

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	67.2	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4
	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4
	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	67.2	0.0	0.0	0.0	0.0		4704.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	3.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	3.4	0.0	0.0	0.0	0.0		234.6
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	10.0	107.4	193.3	214.8	214.8	214.8	214.8	214.8	214.8	214.8	214.8	214.8	214.8
	214.8	214.8	214.8	214.8	214.8	214.8	214.8	214.8	214.8	214.8	214.8	214.8	214.8	214.8	214.8
	214.8	214.8	214.8	214.8	214.8	214.8	214.8	214.8	107.4	0.0	0.0	0.0	0.0		7506.4
MAINTCE ALLOCATION	0.0	0.0	10.0	69.6	125.2	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1
	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1
	139.1	139.1	139.1	139.1	139.1	139.1	139.1	139.1	69.6	0.0	0.0	0.0	0.0		4864.7
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	0.0	20.0	247.6	459.6	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0
	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0
	495.0	495.0	495.0	495.0	495.0	495.0	495.0	495.0	247.6	0.0	0.0	0.0	0.0		17309.7

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
5100.COAL CRUSHING

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	100.8	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4
	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4
	134.4	134.4	134.4	134.4	134.4	134.4	134.4	134.4	100.8	0.0	0.0	0.0	0.0		4771.2
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	5.0	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	5.0	0.0	0.0	0.0	0.0		237.8
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	105.6	190.0	211.2	211.2	211.2	211.2	211.2	211.2	211.2	211.2	211.2	211.2
	211.2	211.2	211.2	211.2	211.2	211.2	211.2	211.2	211.2	211.2	211.2	211.2	211.2	211.2	211.2
	211.2	211.2	211.2	211.2	211.2	211.2	211.2	211.2	105.6	0.0	0.0	0.0	0.0		7370.8
MAINTCE ALLOCATION	0.0	0.0	0.0	52.8	95.0	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6
	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6
	105.6	105.6	105.6	105.6	105.6	105.6	105.6	105.6	52.8	0.0	0.0	0.0	0.0		3685.4
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	0.0	0.0	264.2	426.1	457.9	457.9	457.9	457.9	457.9	457.9	457.9	457.9	457.9	457.9
	457.9	457.9	457.9	457.9	457.9	457.9	457.9	457.9	457.9	457.9	457.9	457.9	457.9	457.9	457.9
	457.9	457.9	457.9	457.9	457.9	457.9	457.9	457.9	264.2	0.0	0.0	0.0	0.0		16065.2

MOORE BUSINESS FORMS FORMULES D'AFFAIRES MOORE 4

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
5400.LOW GRADE COAL

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0

MOORE BUSINESS FORMS/FORMULES D'AFFAIRES MOORE

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
6300.COAL STOCKPILING & BLEND

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	316.4	421.9	421.9	421.9	421.9	421.9	421.9	421.9	421.9	421.9	421.9	421.9
	421.9	421.9	421.9	421.9	421.9	421.9	421.9	421.9	421.9	421.9	421.9	421.9	421.9	421.9	421.9
	421.9	421.9	421.9	421.9	421.9	421.9	421.9	421.9	316.4	0.0	0.0	0.0	0.0		14977.4
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	15.8	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	15.8	0.0	0.0	0.0	0.0		749.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	126.2	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3
	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3
	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	126.2	0.0	0.0	0.0	0.0		8830.5
MAINTCE ALLOCATION	0.0	0.0	0.0	126.2	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3
	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3
	252.3	252.3	252.3	252.3	252.3	252.3	252.3	252.3	126.2	0.0	0.0	0.0	0.0		8830.5
MOBILE EQUIPMENT	0.0	0.0	61.0	121.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0
	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0
	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	141.0	0.0	0.0	0.0	0.0		6103.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	0.0	61.0	705.6	1117.6	1117.6	1117.6	1117.6	1117.6	1117.6	1117.6	1117.6	1117.6	1117.6	1117.6
	1117.6	1117.6	1117.6	1117.6	1117.6	1117.6	1117.6	1117.6	1117.6	1117.6	1117.6	1117.6	1117.6	1117.6	1117.6
	1117.6	1117.6	1117.6	1117.6	1117.6	1117.6	1117.6	1117.6	725.6	0.0	0.0	0.0	0.0		39490.4

MOORE BUSINESS FORMS FORMULES D'AFFAIRES MOORE

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
6800.COAL CONVEYING TO POWERP

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	98.0	130.7	130.7	130.7	130.7	130.7	130.7	130.7	130.7	130.7	130.7	130.7
	130.7	130.7	130.7	130.7	130.7	130.7	130.7	130.7	130.7	130.7	130.7	130.7	130.7	130.7	130.7
	130.7	130.7	130.7	130.7	130.7	130.7	130.7	130.7	98.0	0.0	0.0	0.0	0.0		4639.8
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	4.9	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	4.9	0.0	0.0	0.0	0.0		230.8
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	115.3	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6
	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6
	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	115.3	0.0	0.0	0.0	0.0		8071.0
MAINTCE ALLOCATION	0.0	0.0	0.0	115.3	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6
	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6
	230.6	230.6	230.6	230.6	230.6	230.6	230.6	230.6	115.3	0.0	0.0	0.0	0.0		8071.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	0.0	0.0	333.5	598.4	598.4	598.4	598.4	598.4	598.4	598.4	598.4	598.4	598.4	598.4
	598.4	598.4	598.4	598.4	598.4	598.4	598.4	598.4	598.4	598.4	598.4	598.4	598.4	598.4	598.4
	598.4	598.4	598.4	598.4	598.4	598.4	598.4	598.4	333.5	0.0	0.0	0.0	0.0		21012.5

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
7000.WASTE DUMPS

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	392.0	847.0	982.0	1049.0	1064.0	1174.0	998.0	1008.0	1204.0	772.0	888.0	787.0	686.0	636.0
	636.0	561.0	460.0	480.0	480.0	480.0	480.0	480.0	480.0	480.0	480.0	480.0	480.0	460.0	460.0
	460.0	460.0	309.0	240.0	240.0	145.0	145.0	145.0	38.0	0.0	0.0	0.0	0.0		22046.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	392.0	847.0	982.0	1049.0	1064.0	1174.0	998.0	1008.0	1204.0	772.0	888.0	787.0	686.0	636.0
	636.0	561.0	460.0	480.0	480.0	480.0	480.0	480.0	480.0	480.0	480.0	480.0	480.0	460.0	460.0
	460.0	460.0	309.0	240.0	240.0	145.0	145.0	145.0	38.0	0.0	0.0	0.0	0.0		22046.0

MOORE BUSINESS FORMS / FORMULES D'AFFAIRES MOORE

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
7100.WASTE HANDLING IN PIT

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0

MOORE BUSINESS FORMS FORMULES D'AFFAIRES MOORE

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
7200.WASTE TO HOUTH MEADOWS

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0

MOORE BUSINESS FORMS/FORMULES D'AFFAIRES MOORE

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
7300.WASTE TO MEDICINE CREEK

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
POWER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TIRES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
REPAIR PARTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MAINTCE ALLOCATION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
MOBILE EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0

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HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
9000.MOBILE EQUIPMENT

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	0.0	853.0	1390.0	2166.0	3009.0	3143.0	3412.0	3118.0	3124.0	3479.0	2651.0	2860.0	2678.0	2536.0	2387.0
	2405.0	2232.0	1976.0	2117.0	2132.0	2113.0	2187.0	2157.0	1969.0	1957.0	1941.0	2098.0	2089.0	2049.0	1995.0
	2040.0	2128.0	1863.0	1561.0	1527.0	1344.0	1297.0	1285.0	593.0	0.0	0.0	0.0	0.0		81861.0
SALARIES & BENFITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
DIESEL & GASOLINE	28.0	725.0	1182.0	1745.0	2317.0	2419.0	2623.0	2411.0	2421.0	2687.0	2064.0	2222.0	2080.0	2020.0	1908.0
	1923.0	1789.0	1591.0	1715.0	1728.0	1713.0	1772.0	1748.0	1597.0	1589.0	1574.0	1701.0	1692.0	1678.0	1634.0
	1672.0	1742.0	1535.0	1335.0	1313.0	1171.0	1139.0	1129.0	547.0	0.0	0.0	0.0	0.0		65879.0
POWER	0.0	12.0	29.0	55.0	88.0	93.0	103.0	91.0	91.0	104.0	75.0	83.0	77.0	72.0	66.0
	66.0	61.0	53.0	56.0	56.0	55.0	58.0	57.0	51.0	50.0	50.0	55.0	56.0	50.0	48.0
	49.0	53.0	46.0	41.0	40.0	36.0	34.0	34.0	14.0	0.0	0.0	0.0	0.0		2208.0
SUPPLIES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
WEAR PARTS	0.0	138.0	190.0	261.0	344.0	353.0	378.0	344.0	343.0	382.0	288.0	310.0	293.0	250.0	236.0
	237.0	222.0	201.0	197.0	197.0	196.0	200.0	198.0	182.0	181.0	181.0	188.0	189.0	179.0	177.0
	178.0	182.0	158.0	125.0	124.0	109.0	103.0	102.0	45.0	0.0	0.0	0.0	0.0		8161.0
TIRES	3.0	173.0	338.0	548.0	764.0	805.0	882.0	807.0	808.0	904.0	684.0	742.0	690.0	689.0	645.0
	652.0	600.0	525.0	585.0	591.0	584.0	610.0	600.0	541.0	538.0	531.0	587.0	583.0	578.0	559.0
	576.0	606.0	530.0	457.0	447.0	393.0	380.0	376.0	165.0	0.0	0.0	0.0	0.0		22076.0
REPAIR PARTS	23.0	746.0	1347.0	2167.0	3041.0	3196.0	3501.0	3182.0	3205.0	3603.0	2699.0	2936.0	2732.0	2682.0	2510.0
	2532.0	2333.0	2053.0	2239.0	2257.0	2233.0	2326.0	2288.0	2074.0	2058.0	2039.0	2235.0	2225.0	2184.0	2116.0
	2172.0	2282.0	1992.0	1739.0	1703.0	1509.0	1459.0	1444.0	689.0	0.0	0.0	0.0	0.0		85751.0
MAINTCE ALLOCATION	18.0	635.0	1078.0	1658.0	2240.0	2338.0	2529.0	2330.0	2331.0	2583.0	2004.0	2153.0	2025.0	1939.0	1832.0
	1845.0	1723.0	1546.0	1653.0	1662.0	1648.0	1703.0	1681.0	1547.0	1537.0	1526.0	1641.0	1636.0	1605.0	1565.0
	1598.0	1663.0	1480.0	1290.0	1267.0	1143.0	1112.0	1103.0	540.0	0.0	0.0	0.0	0.0		63407.0
MOBILE EQUIPMENT	-72.0	-3243.0	-5476.0	-8503.0	-11684.0	-12228.0	-13311.0	-12164.0	-12205.0	-13625.0	-10347.0	-11188.0	-10459.0	-10070.0	-9467.0
	-9542.0	-8841.0	-7826.0	-8442.0	-8505.0	-8424.0	-8737.0	-8609.0	-7844.0	-7793.0	-7725.0	-8389.0	-8352.0	-8206.0	-7975.0
	-8167.0	-8538.0	-7486.0	-6430.0	-6303.0	-5587.0	-5406.0	-5356.0	-2516.0	0.0	0.0	0.0	0.0		-325041.0
OUTSIDE SERVICES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TOTAL COSTS	0.0	39.0	78.0	97.0	119.0	119.0	117.0	119.0	118.0	117.0	118.0	118.0	116.0	118.0	117.0
	118.0	119.0	119.0	120.0	118.0	118.0	119.0	120.0	117.0	117.0	117.0	116.0	118.0	117.0	119.0
	118.0	118.0	118.0	118.0	118.0	118.0	118.0	117.0	77.0	0.0	0.0	0.0	0.0		4302.0

HAT CREEK PROJECT
800 GROSS MW ALTERNATIVE
MINE OPERATING COSTS
9999.TOTAL ALL COST CENTERS

PRODUCTION YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
WAGES & BENEFITS	38.	1925.	3066.	5627.	7761.	7970.	8525.	7976.	7865.	8220.	7392.	7601.	7419.	6773.	6624.
	6642.	6469.	6213.	6181.	6196.	6177.	6251.	6221.	5888.	5876.	5860.	6017.	6008.	5973.	5919.
	5964.	6052.	5787.	5031.	4997.	4814.	4767.	4755.	2476.	0.	0.	0.	0.		231317.
SALARIES & BENFITS	1287.	2159.	2639.	2830.	2901.	3060.	3108.	3108.	3108.	3108.	3108.	3108.	3108.	3108.	3108.
	3108.	3108.	3108.	3108.	3108.	3108.	3108.	3108.	3060.	3060.	3060.	3060.	3060.	3060.	3060.
	3060.	3060.	3060.	3060.	3060.	3060.	3060.	2992.	2116.	0.	0.	0.	0.		115660.
DIESEL & GASOLINE	28.	725.	1182.	1745.	2317.	2419.	2623.	2411.	2421.	2687.	2064.	2222.	2080.	2020.	1908.
	1923.	1789.	1591.	1715.	1728.	1713.	1772.	1748.	1597.	1589.	1574.	1701.	1692.	1678.	1634.
	1672.	1742.	1535.	1335.	1313.	1171.	1139.	1129.	547.	0.	0.	0.	0.		65879.
POWER	10.	112.	254.	655.	933.	1060.	1070.	1058.	1058.	1071.	1042.	1050.	1044.	1039.	1033.
	1033.	1028.	1020.	1023.	1023.	1022.	1025.	1024.	1018.	1017.	1017.	1022.	1023.	1017.	1015.
	1016.	1020.	1013.	1008.	1007.	1003.	1001.	1001.	654.	0.	0.	0.	0.		36539.
SUPPLIES	73.	300.	422.	690.	820.	826.	827.	845.	819.	819.	819.	819.	819.	751.	751.
	751.	751.	751.	730.	730.	730.	730.	730.	704.	704.	704.	704.	704.	683.	683.
	683.	683.	683.	655.	661.	661.	661.	661.	375.	0.	0.	0.	0.		26916.
WEAR PARTS	0.	138.	190.	261.	344.	353.	378.	344.	343.	382.	288.	310.	293.	250.	236.
	237.	222.	201.	197.	197.	196.	200.	198.	182.	181.	181.	188.	189.	179.	177.
	178.	182.	158.	125.	124.	109.	103.	102.	45.	0.	0.	0.	0.		8161.
TIRES	3.	173.	338.	548.	764.	805.	882.	807.	808.	904.	684.	742.	690.	689.	645.
	652.	600.	525.	585.	591.	584.	610.	600.	541.	538.	531.	587.	583.	578.	559.
	576.	606.	530.	457.	447.	393.	380.	376.	165.	0.	0.	0.	0.		22076.
REPAIR PARTS	23.	776.	1417.	2721.	4027.	4225.	4545.	4226.	4289.	4687.	3783.	4020.	3816.	3746.	3574.
	3596.	3397.	3117.	3303.	3321.	3297.	3390.	3352.	3128.	3112.	3093.	3289.	3279.	3238.	3170.
	3226.	3336.	3046.	2783.	2747.	2553.	2503.	2488.	1236.	0.	0.	0.	0.		122873.
MAINTCE ALLOCATION	0.	-1.	-1.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		16.
MOBILE EQUIPMENT	0.	1.	0.	0.	1.	0.	-1.	-1.	1.	-1.	-1.	1.	0.	-1.	-2.
	0.	1.	0.	1.	1.	2.	1.	1.	2.	1.	0.	0.	1.	2.	1.
	1.	0.	0.	0.	-2.	0.	-1.	-1.	2.	0.	0.	0.	0.		10.
OUTSIDE SERVICES	670.	2440.	2324.	3060.	2871.	2947.	2939.	3839.	2855.	2855.	2855.	2855.	3295.	2713.	2713.
	2713.	2713.	3083.	2676.	2676.	2676.	2676.	2746.	2643.	2643.	2643.	2643.	2713.	2643.	2643.
	2643.	2643.	2643.	2508.	2508.	2508.	2508.	2508.	1315.	0.	0.	0.	0.		103535.
TOTAL COSTS	2131.	8749.	11831.	18139.	22739.	23665.	24897.	24613.	23567.	24732.	22034.	22728.	22564.	21089.	20591.
	20656.	20079.	19610.	19519.	19571.	19505.	19763.	19728.	18763.	18721.	18663.	19211.	19252.	19051.	18861.
	19019.	19324.	18455.	16962.	16862.	16272.	16121.	16011.	8932.	0.	0.	0.	0.		732981.

MOORE BUSINESS FORMS FORMULES D'AFFAIRES MOORE 1

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//IEBGENER JOB (X69,86,P,JA01,5030),'RAYFIELD',                 *
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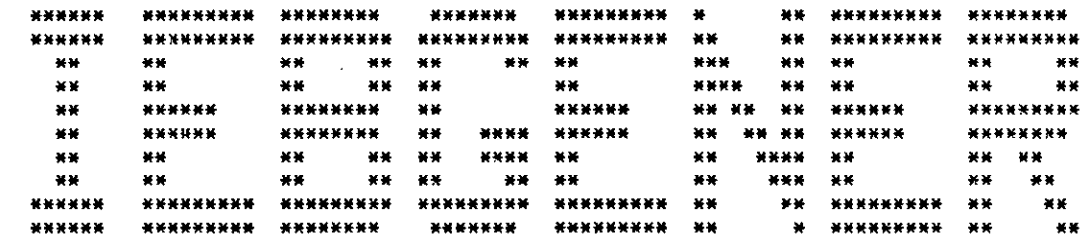
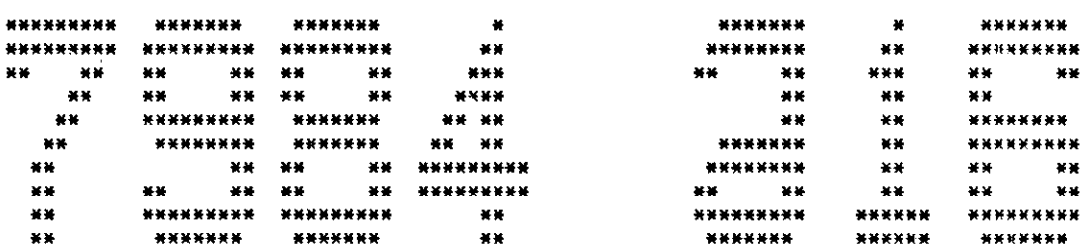
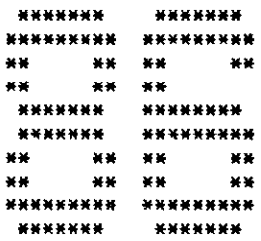
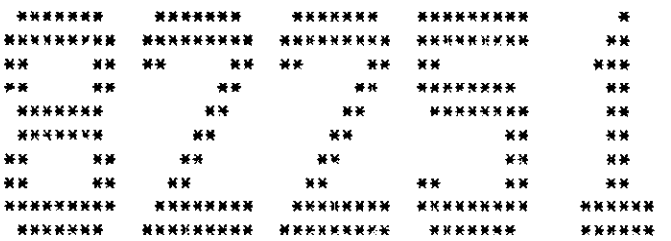
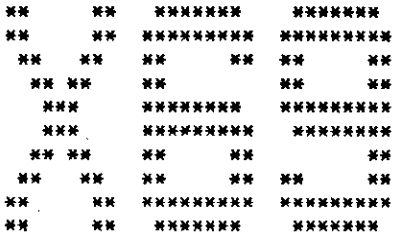


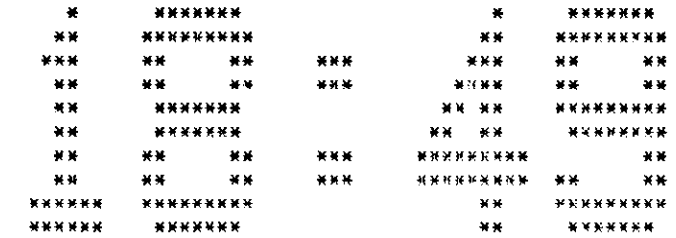
800 MW
MOBILE EQUIPMENT
SEPT 8/82

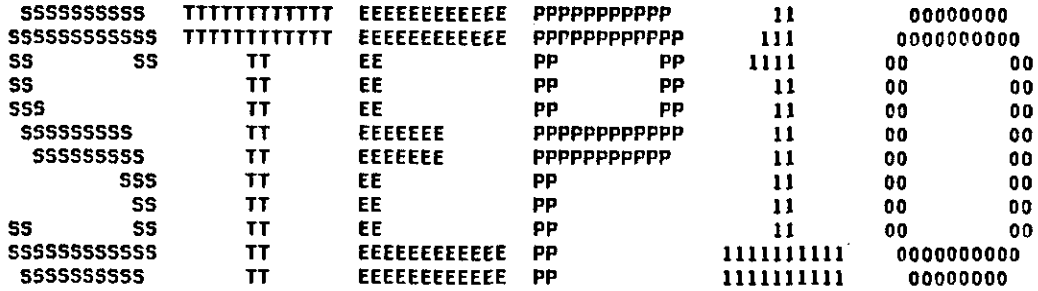








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SSSSSSSSSS TTTTTTTTTTT EEEEEEEEEEE PPPPPPPPPPP 111 0000000000
SS SS TT EE PP PP 1111 00 00
SS TT EE PP PP 11 00 00
SSS TT EE PP PP 11 00 00
SSSSSSSSS TT EEEEEEE PPPPPPPPPPP 11 00 00
SSSSSSSS TT EEEEEEE PPPPPPPPPP 11 00 00
SSS TT EE PP 11 00 00
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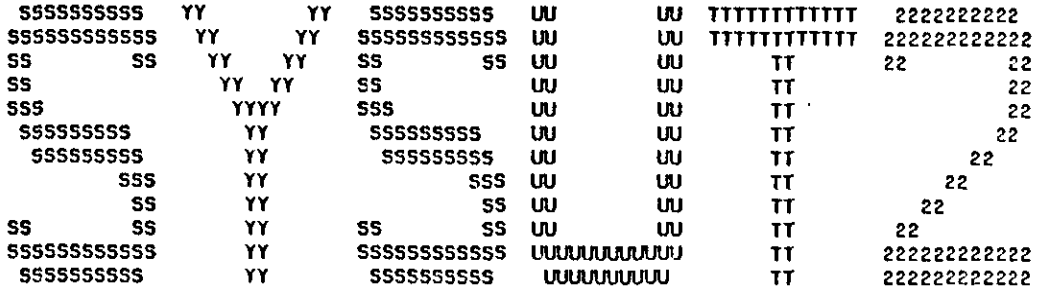
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SSSSSSSSSS YY YY SSSSSSSSSS UU UU TTTTTTTTTTT 222222222222
SS SS YY YY SS SS UU UU TT 22 22
SS YY YY SS UU UU TT 22
SSS YYYY SSS UU UU TT 22
SSSSSSSSS YY SSSSSSSS UU UU TT 22
SSSSSSSS YY SSSSSSSS UU UU TT 22
SSS YY SSS UU UU TT 22
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100.SITE AND PIT ROADS
182.CLOSE SPACE DRILLING
350.MINE TRANSPORTATION
400.FIELD LUBE & FUELING
090.AUXILLIARY EQUIPMENT
230.LOADING WASTE PARTINGS
240.HAULING WASTE PARTINGS
310.DRILLING WASTE
330.LOADING WASTE
340.HAULING WASTE
430.LOADING COAL
440.HAULING COAL
600.PIT DEWATERING * DRAINAG
300.COAL STOCKPILE & BLENDIN
000.WASTE HANDLING & DUMPS
01.DRILL
339. 59. 0. 0. 20. 100. 0. 150. 0. 100. 0. 0. 768.
11.CRAWLER MOUNTED DRILL
339. 59. 0. 0. 20. 100. 0. 150. 0. 100. 0. 0. 768.
10.H 241 HYDRAULIC SHOVEL
238. 0. 0. 65. 28. 262. 10. 84. 0. 392. 0. 0. 1079.
10.9.6 CM FRONT END LOADER
167. 151. 0. 0. 22. 129. 10. 11. 112. 140. 0. 0. 742.
40.5.4 CM FRONT END LOADER
167. 94. 0. 0. 17. 75. 10. 6. 56. 67. 0. 0. 492.
80.TRAXCAVATOR 953
167. 29. 0. 0. 6. 47. 10. 34. 0. 39. 0. 0. 331.
15.M100 91 T END DUMP
167. 127. 0. 0. 24. 103. 10. 0. 68. 199. 0. 0. 698.
80.10 YD END DUMP
162. 43. 0. 0. 0. 60. 0. 0. 19. 30. 0. 0. 314.
10.631 SCRAPER
167. 122. 0. 0. 17. 122. 10. 0. 83. 121. 0. 0. 642.
10.D9 DOZER
167. 143. 0. 0. 22. 94. 10. 67. 0. 112. 0. 0. 615.
20.D8 DOZER
167. 103. 0. 0. 11. 77. 10. 50. 0. 84. 0. 0. 503.
30.D7 DOZER
167. 76. 0. 0. 8. 58. 10. 45. 0. 67. 0. 0. 432.
70.824B DOZER
167. 96. 0. 0. 17. 61. 10. 6. 42. 56. 0. 0. 455.
10.16G GRADER
167. 59. 0. 0. 11. 72. 10. 17. 45. 89. 0. 0. 470.
12.14G GRADER
167. 40. 0. 0. 8. 63. 10. 11. 34. 50. 0. 0. 384.
15.GRADALL
167. 29. 0. 0. 0. 60. 0. 8. 8. 45. 0. 0. 317.
30.BACKHOE - 3/4 CY
167. 26. 0. 0. 5. 80. 10. 5. 5. 80. 0. 0. 377.
40.SAND TRUCK
162. 26. 0. 0. 0. 40. 0. 0. 12. 40. 0. 0. 280.
50.WATER WAGON
162. 41. 0. 0. 0. 100. 0. 0. 18. 80. 0. 0. 401.
60.825B COMPACTOR
167. 96. 0. 0. 17. 61. 10. 3. 42. 56. 0. 0. 452.
65.COMPACTOR - VIBRATORY
0. 26. 0. 0. 6. 69. 10. 0. 0. 131. 0. 0. 241.
80.MOBILE CRUSHER
167. 400. 0. 0. 0. 160. 0. 0. 0. 160. 0. 0. 967.

12.PICKUP - ASSIGNED
0. 0. 1700. 0. 0. 1250. 0. 0. 500. 2000. 0. 0. 5450.
14.PICKUP - UNASSIGNED
0. 0. 9900. 0. 0. 10500. 0. 0. 1000. 12000. 0. 0. 23400.
16.10 PASSENGER BUS
0. 0. 3400. 0. 0. 2500. 0. 0. 1000. 4000. 0. 0. 10900.
18.24 PASSENGER BUS
0. 2300. 0. 0. 0. 5000. 0. 0. 1000. 5000. 0. 0. 13300.
22.1 T FLATDECK
0. 0. 7000. 0. 0. 2500. 0. 0. 1000. 2000. 0. 0. 12500.
26.3 T TRUCK WITH HIAB
0. 0. 6200. 0. 0. 2100. 0. 0. 1300. 1700. 0. 0. 11300.
30.5 T SERVICE TRUCK
0. 6200. 0. 0. 0. 3200. 0. 0. 2000. 2500. 0. 0. 13900.
34.TIRE TRUCK
0. 0. 3100. 0. 0. 1000. 0. 0. 600. 850. 0. 0. 5550.
38.FUEL TRUCK
0. 20. 0. 0. 0. 40. 0. 0. 5. 34. 0. 0. 99.
42.LUBE TRUCK
0. 0. 17. 0. 0. 26. 0. 0. 3. 20. 0. 0. 66.
46.LINE TRUCK
0. 0. 2050. 0. 0. 550. 0. 0. 400. 400. 0. 0. 3400.
62.LO-BOY TRACTOR TRAILER
0. 5100. 0. 0. 0. 7200. 0. 0. 3600. 5600. 0. 0. 21500.
66.HI-BOY TRAILER
0. 0. 0. 0. 0. 0. 0. 0. 2000. 2000. 0. 0. 4000.
10.75 T CRANE
0. 1200. 0. 0. 0. 8000. 0. 0. 400. 2800. 0. 0. 8400.
12.45 T CRANE
0. 1200. 0. 0. 0. 2800. 0. 0. 280. 2000. 0. 0. 6280.
14.15 T CRANE
0. 1600. 0. 0. 0. 4400. 0. 0. 480. 2200. 0. 0. 8680.
22.5 T FORKLIFT
0. 1500. 0. 0. 0. 1800. 0. 0. 400. 1400. 0. 0. 5100.
24.3 T FORKLIFT
0. 1000. 0. 0. 0. 1100. 0. 0. 200. 900. 0. 0. 3200.
52.COMPRESSOR 17 CM/MIN
0. 0. 920. 0. 0. 1320. 0. 0. 80. 720. 0. 0. 2040.
57.WELDER - 300 AMP
0. 2650. 0. 0. 0. 1000. 0. 0. 200. 1000. 0. 0. 4850.
62.STEAM CLEANER
0. 0. 2480. 0. 0. 1320. 0. 0. 520. 1360. 0. 0. 5680.
67.GENERATOR - 50 KW
0. 21. 0. 0. 0. 5. 0. 0. 0. 15. 0. 0. 42.
72.LITE TOWERS
0. 0. 4250. 0. 0. 5000. 0. 0. 0. 5600. 0. 0. 14850.
82.PUMP - DIESEL
0. 4018. 0. 0. 0. 2970. 0. 0. 0. 3870. 0. 0. 10858.
1100. 210. 0. 0. 0. 61. 53. 53. 53. 53. 49. 49. 49.
1100. 340. 0. 150. 150. 148. 142. 142. 142. 142. 139. 139. 139.
1100. 415. 0. 0. 0. 396. 408. 408. 408. 408. 379. 379. 379.
1100. 480. 0. 120. 120. 120. 120. 120. 120. 120. 120. 120. 120.
1100. 510. 0. 200. 200. 200. 252. 252. 252. 252. 234. 234. 234.
1100. 610. 0. 100. 100. 100. 126. 126. 126. 126. 117. 117. 117.
1100. 620. 0. 0. 0. 128. 140. 140. 140. 140. 130. 130. 130.
1100. 712. 0. 300. 500. 724. 1350. 1350. 1350. 1350. 1325. 1325. 1325.
1100. 715. 0. 100. 100. 100. 200. 200. 200. 200. 200. 200. 200.
1100. 740. 0. 120. 120. 120. 120. 120. 120. 120. 120. 120. 120.
1100. 750. 0. 100. 100. 400. 400. 400. 400. 400. 400. 400. 400.
1100. 760. 0. 50. 50. 96. 84. 84. 84. 84. 78. 78. 78.

1100.	765.	0.	40.	40.	48.	42.	42.	42.	42.	39.	39.	39.
1100.	780.	0.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.
2182.	101.	0.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.
2350.	812.	3.	8.	12.	15.	18.	18.	18.	18.	18.	18.	18.
2350.	814.	0.	4.	8.	10.	12.	12.	12.	12.	12.	12.	12.
2350.	816.	0.	1.	1.	1.	2.	2.	2.	2.	2.	2.	2.
2350.	818.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.
2400.	838.	0.	140.	280.	490.	490.	490.	490.	735.	735.	735.	735.
2400.	842.	0.	140.	280.	490.	490.	490.	490.	490.	490.	490.	490.
3090.	340.	0.	60.	80.	100.	100.	100.	100.	100.	100.	100.	100.
3090.	510.	0.	300.	300.	425.	425.	425.	425.	425.	280.	280.	280.
3090.	610.	0.	785.	785.	810.	810.	810.	810.	810.	810.	810.	700.
3090.	620.	0.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.
3090.	630.	0.	0.	0.	200.	200.	200.	200.	200.	200.	200.	200.
3090.	822.	1.	1.	1.	2.	2.	2.	2.	2.	2.	2.	2.
3090.	826.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	830.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	834.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	846.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	862.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	866.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	910.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	914.	0.	1.	1.	2.	2.	2.	2.	2.	2.	2.	2.
3090.	922.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	924.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	952.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	957.	0.	1.	3.	3.	3.	5.	5.	5.	5.	5.	5.
3090.	962.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	972.	0.	2.	2.	4.	4.	4.	4.	4.	4.	4.	4.
3230.	210.	0.	0.	0.	24.	55.	66.	73.	72.	71.	71.	70.
3240.	415.	0.	0.	0.	142.	334.	408.	458.	462.	481.	482.	474.
3310.	111.	0.	12.	22.	37.	55.	55.	62.	52.	52.	64.	40.
3330.	210.	0.	184.	382.	635.	941.	956.	1068.	887.	896.	1098.	653.
3330.	670.	0.	100.	270.	270.	420.	420.	420.	420.	420.	420.	300.
3340.	415.	0.	1177.	2436.	4054.	6073.	6237.	7051.	5920.	6332.	7753.	4611.
3430.	210.	0.	0.	63.	130.	300.	359.	396.	392.	387.	388.	381.
3430.	670.	0.	0.	0.	120.	260.	310.	350.	350.	350.	350.	350.
3440.	415.	0.	0.	235.	492.	1120.	1444.	1697.	1697.	1527.	1531.	1506.
3600.	982.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
3600.	730.	0.	35.	70.	70.	70.	105.	105.	105.	105.	105.	105.
3600.	826.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
6300.	340.	0.	0.	40.	60.	120.	120.	120.	120.	120.	120.	120.
6300.	380.	0.	0.	0.	150.	210.	210.	210.	210.	210.	210.	210.
6300.	760.	0.	0.	60.	60.	60.	60.	60.	60.	60.	60.	60.
6300.	765.	0.	0.	60.	60.	60.	60.	60.	60.	60.	60.	60.
7000.	340.	0.	40.	80.	80.	80.	80.	80.	80.	80.	80.	80.
7000.	510.	0.	0.	300.	300.	0.	0.	0.	0.	0.	0.	0.
7000.	610.	0.	0.	100.	100.	0.	0.	0.	0.	0.	0.	0.
7000.	620.	0.	740.	1100.	1230.	1820.	1850.	2070.	1720.	1740.	2130.	1270.
50.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7000.	710.	0.	0.	0.	150.	200.	200.	200.	200.	200.	200.	200.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY COST CENTER
1100. SITE AND PIT ROADS

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
H 241 HYDRAULIC SHOVEL															
MOBILE	0.	0.	0.	61.	53.	53.	53.	53.	49.	49.	49.	49.	49.	34.	34.
UNIT	34.	34.	34.	34.	34.	34.	34.	34.	30.	30.	30.	30.	30.	30.	30.
210.	30.	30.	30.	23.	23.	23.	23.	23.	8.	0.	0.	0.	0.		1281.
5.4 CM FRONT END LOADER															
MOBILE	0.	150.	150.	148.	142.	142.	142.	142.	139.	139.	139.	139.	139.	127.	127.
UNIT	127.	127.	127.	127.	127.	127.	127.	127.	124.	124.	124.	124.	124.	124.	124.
340.	124.	124.	124.	118.	118.	118.	118.	118.	56.	0.	0.	0.	0.		4867.
M100 91 T END DUMP															
MOBILE	0.	0.	0.	396.	408.	408.	408.	408.	379.	379.	379.	379.	379.	300.	300.
UNIT	300.	300.	300.	300.	300.	300.	300.	300.	233.	233.	233.	233.	233.	233.	233.
415.	233.	233.	233.	175.	175.	175.	175.	175.	58.	0.	0.	0.	0.		10186.
10 YD END DUMP															
MOBILE	0.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.
UNIT	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.
480.	120.	120.	120.	120.	120.	120.	120.	120.	120.	0.	0.	0.	0.		4560.
631 SCRAPER															
MOBILE	0.	200.	200.	200.	252.	252.	252.	252.	234.	234.	234.	234.	234.	162.	162.
UNIT	162.	162.	162.	162.	162.	162.	162.	162.	144.	144.	144.	144.	144.	144.	144.
510.	144.	144.	144.	108.	108.	108.	108.	108.	36.	0.	0.	0.	0.		6414.
D9 DOZER															
MOBILE	0.	100.	100.	100.	126.	126.	126.	126.	117.	117.	117.	117.	117.	81.	81.
UNIT	81.	81.	81.	81.	81.	81.	81.	81.	72.	72.	72.	72.	72.	72.	72.
610.	72.	72.	72.	54.	54.	54.	54.	54.	18.	0.	0.	0.	0.		3207.
D8 DOZER															
MOBILE	0.	0.	0.	128.	140.	140.	140.	140.	130.	130.	130.	130.	130.	90.	90.
UNIT	90.	90.	90.	90.	90.	90.	90.	90.	80.	80.	80.	80.	80.	80.	80.
620.	80.	80.	80.	60.	60.	60.	60.	60.	20.	0.	0.	0.	0.		3358.
14G GRADER															
MOBILE	0.	300.	500.	724.	1350.	1350.	1350.	1350.	1325.	1325.	1325.	1325.	1325.	1025.	1025.
UNIT	1025.	1025.	1025.	1025.	1025.	1025.	1025.	1025.	1000.	1000.	1000.	1000.	1000.	1000.	1000.
712.	1000.	1000.	1000.	650.	650.	650.	650.	650.	200.	0.	0.	0.	0.		37249.
GRADALL															
MOBILE	0.	100.	100.	100.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.
UNIT	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.
715.	200.	200.	200.	200.	200.	200.	200.	200.	50.	0.	0.	0.	0.		7150.
SAND TRUCK															
MOBILE	0.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.
UNIT	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.

740.	120.	120.	120.	120.	120.	120.	120.	120.	120.	0.	0.	0.	0.		4560.
WATER WAGON															
MOBILE	0.	100.	100.	400.	400.	400.	400.	400.	400.	400.	400.	400.	400.	300.	300.
UNIT	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.
750.	300.	300.	300.	200.	200.	200.	200.	200.	200.	0.	0.	0.	0.		11400.
825B COMPACTOR															
MOBILE	0.	50.	50.	96.	84.	84.	84.	84.	78.	78.	78.	78.	78.	54.	54.
UNIT	54.	54.	54.	54.	54.	54.	54.	54.	48.	48.	48.	48.	48.	48.	48.
760.	48.	48.	48.	36.	36.	36.	36.	36.	12.	0.	0.	0.	0.		2134.
COMPACTOR - VIBRATORY															
MOBILE	0.	40.	40.	48.	42.	42.	42.	42.	39.	39.	39.	39.	39.	27.	27.
UNIT	27.	27.	27.	27.	27.	27.	27.	27.	24.	24.	24.	24.	24.	24.	24.
765.	24.	24.	24.	18.	18.	18.	18.	18.	6.	0.	0.	0.	0.		1097.
MOBILE CRUSHER															
MOBILE	0.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.
UNIT	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.
780.	80.	80.	80.	80.	80.	80.	80.	80.	40.	0.	0.	0.	0.		3000.
TOTAL	0.	1360.	1560.	2721.	3517.	3517.	3517.	3517.	3410.	3410.	3410.	3410.	3410.	2720.	2720.
SHIFTS	2720.	2720.	2720.	2720.	2720.	2720.	2720.	2720.	2575.	2575.	2575.	2575.	2575.	2575.	2575.
	2575.	2575.	2575.	1962.	1962.	1962.	1962.	1962.	944.	0.	0.	0.	0.		100463.

COST ALLOCATIONS
$000,S

H 241 HYDRAULIC SHOVEL															
MOBILE	0.	0.	0.	66.	57.	57.	57.	57.	53.	53.	53.	53.	53.	37.	37.
UNIT	37.	37.	37.	37.	37.	37.	37.	37.	32.	32.	32.	32.	32.	32.	32.
210.	32.	32.	32.	25.	25.	25.	25.	25.	9.	0.	0.	0.	0.		1382.
5.4 CM FRONT END LOADER															
MOBILE	0.	74.	74.	73.	70.	70.	70.	70.	68.	68.	68.	68.	68.	62.	62.
UNIT	62.	62.	62.	62.	62.	62.	62.	62.	61.	61.	61.	61.	61.	61.	61.
340.	61.	61.	61.	58.	58.	58.	58.	58.	28.	0.	0.	0.	0.		2395.
M100 91 T END DUMP															
MOBILE	0.	0.	0.	276.	285.	285.	285.	285.	265.	265.	265.	265.	265.	209.	209.
UNIT	209.	209.	209.	209.	209.	209.	209.	209.	163.	163.	163.	163.	163.	163.	163.
415.	163.	163.	163.	122.	122.	122.	122.	122.	40.	0.	0.	0.	0.		7110.
10 YD END DUMP															
MOBILE	0.	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.
UNIT	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.
480.	38.	38.	38.	38.	38.	38.	38.	38.	38.	0.	0.	0.	0.		1433.
631 SCRAPER															
MOBILE	0.	128.	128.	128.	162.	162.	162.	162.	150.	150.	150.	150.	150.	104.	104.
UNIT	104.	104.	104.	104.	104.	104.	104.	104.	92.	92.	92.	92.	92.	92.	92.
510.	92.	92.	92.	69.	69.	69.	69.	69.	23.	0.	0.	0.	0.		4117.
D9 DOZER															
MOBILE	0.	62.	62.	62.	78.	78.	78.	78.	72.	72.	72.	72.	72.	50.	50.
UNIT	50.	50.	50.	50.	50.	50.	50.	50.	44.	44.	44.	44.	44.	44.	44.
610.	44.	44.	44.	33.	33.	33.	33.	33.	11.	0.	0.	0.	0.		1973.

D8 DOZER															
MOBILE	0.	0.	0.	64.	70.	70.	70.	70.	65.	65.	65.	65.	65.	45.	45.
UNIT	45.	45.	45.	45.	45.	45.	45.	45.	40.	40.	40.	40.	40.	40.	40.
620.	40.	40.	40.	30.	30.	30.	30.	30.	10.	0.	0.	0.	0.		1688.
14G GRADER															
MOBILE	0.	115.	192.	278.	519.	519.	519.	519.	509.	509.	509.	509.	509.	394.	394.
UNIT	394.	394.	394.	394.	394.	394.	394.	394.	384.	384.	384.	384.	384.	384.	384.
712.	384.	384.	384.	250.	250.	250.	250.	250.	77.	0.	0.	0.	0.		14320.
GRADALL															
MOBILE	0.	32.	32.	32.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.
UNIT	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.
715.	63.	63.	63.	63.	63.	63.	63.	63.	16.	0.	0.	0.	0.		2265.
SAND TRUCK															
MOBILE	0.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.
UNIT	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.
740.	34.	34.	34.	34.	34.	34.	34.	34.	34.	0.	0.	0.	0.		1276.
WATER WAGON															
MOBILE	0.	40.	40.	160.	160.	160.	160.	160.	160.	160.	160.	160.	160.	120.	120.
UNIT	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.
750.	120.	120.	120.	80.	80.	80.	80.	80.	80.	0.	0.	0.	0.		4572.
825B COMPACTOR															
MOBILE	0.	23.	23.	43.	38.	38.	38.	38.	35.	35.	35.	35.	35.	24.	24.
UNIT	24.	24.	24.	24.	24.	24.	24.	24.	22.	22.	22.	22.	22.	22.	22.
760.	22.	22.	22.	16.	16.	16.	16.	16.	5.	0.	0.	0.	0.		965.
COMPACTOR - VIBRATORY															
MOBILE	0.	10.	10.	12.	10.	10.	10.	10.	9.	9.	9.	9.	9.	7.	7.
UNIT	7.	7.	7.	7.	7.	7.	7.	7.	6.	6.	6.	6.	6.	6.	6.
765.	6.	6.	6.	4.	4.	4.	4.	4.	1.	0.	0.	0.	0.		264.
MOBILE CRUSHER															
MOBILE	0.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.
UNIT	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.
780.	77.	77.	77.	77.	77.	77.	77.	77.	39.	0.	0.	0.	0.		2901.
TOTAL	0.	632.	709.	1343.	1661.	1661.	1661.	1661.	1600.	1600.	1600.	1600.	1600.	1265.	1265.
	1265.	1265.	1265.	1265.	1265.	1265.	1265.	1265.	1177.	1177.	1177.	1177.	1177.	1177.	1177.
	1177.	1177.	1177.	900.	900.	900.	900.	900.	411.	0.	0.	0.	0.		46662.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY COST CENTER
2182. CLOSE SPACE DRILLING

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
DRILL															
MOBILE	0.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.
UNIT	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.
101.	75.	75.	75.	30.	30.	30.	0.	0.	0.	0.	0.	0.	0.		2490.
TOTAL	0.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.
SHIFTS	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.
	75.	75.	75.	30.	30.	30.	0.	0.	0.	0.	0.	0.	0.		2490.

COST ALLOCATIONS
$000,S

DRILL															
MOBILE	0.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.
UNIT	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.
101.	58.	58.	58.	23.	23.	23.	0.	0.	0.	0.	0.	0.	0.		1912.
TOTAL	0.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.
	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.
	58.	58.	58.	23.	23.	23.	0.	0.	0.	0.	0.	0.	0.		1912.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY COST CENTER
2350. MINE TRANSPORTATION

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
PICKUP - ASSIGNED															
MOBILE	3.	8.	12.	15.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.
UNIT	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.
812.	18.	18.	18.	18.	18.	18.	18.	18.	11.	0.	0.	0.	0.		661.
PICKUP - UNASSIGNED															
MOBILE	0.	4.	8.	10.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.
UNIT	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.
814.	12.	12.	12.	12.	12.	12.	12.	12.	8.	0.	0.	0.	0.		438.
10 PASSENGER BUS															
MOBILE	0.	1.	1.	1.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
UNIT	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
816.	2.	2.	2.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		72.
24 PASSENGER BUS															
MOBILE	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
UNIT	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
818.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		36.
TOTAL	3.	13.	22.	27.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.
SHIFTS	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.
	33.	33.	33.	33.	33.	33.	33.	33.	20.	0.	0.	0.	0.		1207.

COST ALLOCATIONS
$000,S

PICKUP - ASSIGNED															
MOBILE	16.	44.	65.	82.	98.	98.	98.	98.	98.	98.	98.	98.	98.	98.	98.
UNIT	98.	98.	98.	98.	98.	98.	98.	98.	98.	98.	98.	98.	98.	98.	98.
812.	98.	98.	98.	98.	98.	98.	98.	98.	60.	0.	0.	0.	0.		3602.
PICKUP - UNASSIGNED															
MOBILE	0.	94.	187.	234.	281.	281.	281.	281.	281.	281.	281.	281.	281.	281.	281.
UNIT	281.	281.	281.	281.	281.	281.	281.	281.	281.	281.	281.	281.	281.	281.	281.
814.	281.	281.	281.	281.	281.	281.	281.	281.	187.	0.	0.	0.	0.		10249.
10 PASSENGER BUS															
MOBILE	0.	11.	11.	11.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.
UNIT	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.
816.	22.	22.	22.	22.	22.	22.	22.	22.	11.	0.	0.	0.	0.		785.
24 PASSENGER BUS															
MOBILE	0.	0.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.
UNIT	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.
818.	13.	13.	13.	13.	13.	13.	13.	13.	0.	0.	0.	0.	0.		479.

TOTAL	16.	148.	277.	340.	414.	414.	414.	414.	414.	414.	414.	414.	414.	414.	414.
	414.	414.	414.	414.	414.	414.	414.	414.	414.	414.	414.	414.	414.	414.	414.
	414.	414.	414.	414.	414.	414.	414.	414.	258.	0.	0.	0.	0.		15115.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY COST CENTER
2400. FIELD LUBE & FUELING

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
FUEL TRUCK															
MOBILE	0.	140.	280.	490.	490.	490.	490.	735.	735.	735.	735.	735.	735.	735.	735.
UNIT	735.	735.	735.	735.	735.	735.	735.	735.	735.	735.	735.	735.	735.	735.	735.
838.	735.	735.	735.	735.	735.	735.	735.	735.	490.	0.	0.	0.	0.		25655.
LUBE TRUCK															
MOBILE	0.	140.	280.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.
UNIT	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.
842.	490.	490.	490.	490.	490.	490.	490.	490.	350.	0.	0.	0.	0.		17920.
TOTAL	0.	280.	560.	980.	980.	980.	980.	1225.	1225.	1225.	1225.	1225.	1225.	1225.	1225.
SHIFTS	1225.	1225.	1225.	1225.	1225.	1225.	1225.	1225.	1225.	1225.	1225.	1225.	1225.	1225.	1225.
	1225.	1225.	1225.	1225.	1225.	1225.	1225.	1225.	840.	0.	0.	0.	0.		43575.

COST ALLOCATIONS
$000,S

FUEL TRUCK															
MOBILE	0.	14.	28.	49.	49.	49.	49.	73.	73.	73.	73.	73.	73.	73.	73.
UNIT	73.	73.	73.	73.	73.	73.	73.	73.	73.	73.	73.	73.	73.	73.	73.
838.	73.	73.	73.	73.	73.	73.	73.	73.	49.	0.	0.	0.	0.		2540.
LUBE TRUCK															
MOBILE	0.	9.	19.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.
UNIT	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.
842.	32.	32.	32.	32.	32.	32.	32.	32.	23.	0.	0.	0.	0.		1185.
TOTAL	0.	23.	46.	81.	81.	81.	81.	105.	105.	105.	105.	105.	105.	105.	105.
	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.
	105.	105.	105.	105.	105.	105.	105.	105.	72.	0.	0.	0.	0.		3724.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY COST CENTER
3090. AUXILLIARY EQUIPMENT

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
5.4 CM FRONT END LOADER															
MOBILE	0.	60.	80.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
UNIT	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
340.	100.	100.	100.	100.	100.	100.	100.	100.	50.	0.	0.	0.	0.		3690.
631 SCRAPER															
MOBILE	0.	300.	300.	425.	425.	425.	425.	425.	280.	280.	280.	280.	280.	140.	140.
UNIT	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.
510.	140.	140.	140.	110.	110.	110.	110.	110.	40.	0.	0.	0.	0.		7515.
D9 DOZER															
MOBILE	0.	785.	785.	810.	810.	810.	810.	810.	810.	810.	700.	700.	700.	420.	420.
UNIT	420.	420.	420.	300.	300.	300.	300.	300.	200.	200.	200.	200.	200.	200.	200.
610.	200.	200.	200.	100.	100.	100.	100.	100.	50.	0.	0.	0.	0.		15490.
D8 DOZER															
MOBILE	0.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	140.	140.
UNIT	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.
620.	140.	140.	140.	140.	140.	140.	140.	140.	70.	0.	0.	0.	0.		5010.
D7 DOZER															
MOBILE	0.	0.	0.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.
UNIT	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.
630.	200.	200.	200.	200.	200.	200.	200.	200.	100.	0.	0.	0.	0.		7100.
1 T FLATDECK															
MOBILE	1.	1.	1.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
UNIT	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
822.	2.	2.	2.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		74.
3 T TRUCK WITH HIAB															
MOBILE	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
UNIT	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
826.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		35.
5 T SERVICE TRUCK															
MOBILE	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
UNIT	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
830.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		37.
TIRE TRUCK															
MOBILE	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
UNIT	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
834.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		38.
LINE TRUCK															
MOBILE	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
UNIT	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.

846.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		36.
LO-BOY TRACTOR TRAILER															
MOBILE	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
UNIT	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
862.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		36.
HI-BOY TRAILER															
MOBILE	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
UNIT	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
866.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		36.
75 T CRANE															
MOBILE	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
UNIT	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
910.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		37.
15 T CRANE															
MOBILE	0.	1.	1.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
UNIT	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
914.	2.	2.	2.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		73.
5 T FORKLIFT															
MOBILE	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
UNIT	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
922.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		38.
3 T FORKLIFT															
MOBILE	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
UNIT	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
924.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		36.
COMPRESSOR 17 CM/MIN															
MOBILE	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
UNIT	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
952.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		38.
WELDER - 300 AMP															
MOBILE	0.	1.	3.	3.	3.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
UNIT	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
957.	5.	5.	5.	5.	5.	5.	5.	5.	3.	0.	0.	0.	0.		178.
STEAM CLEANER															
MOBILE	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
UNIT	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
962.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		38.
LITE TOWERS															
MOBILE	0.	2.	2.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
UNIT	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
972.	4.	4.	4.	4.	4.	4.	4.	4.	2.	0.	0.	0.	0.		146.
TOTAL	1.	1275.	1302.	1677.	1677.	1679.	1679.	1679.	1534.	1534.	1424.	1424.	1424.	1024.	1024.
SHIFTS	1024.	1024.	1024.	904.	904.	904.	904.	904.	804.	804.	804.	804.	804.	804.	804.
	804.	804.	804.	674.	674.	674.	674.	674.	322.	0.	0.	0.	0.		39681.

COST ALLOCATIONS
$000,S

5.4 CM FRONT END LOADER															
MOBILE	0.	30.	39.	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.
UNIT	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.
340.	49.	49.	49.	49.	49.	49.	49.	49.	25.	0.	0.	0.	0.		1816.
631 SCRAPER															
MOBILE	0.	193.	193.	273.	273.	273.	273.	273.	180.	180.	180.	180.	180.	90.	90.
UNIT	90.	90.	90.	90.	90.	90.	90.	90.	90.	90.	90.	90.	90.	90.	90.
510.	90.	90.	90.	71.	71.	71.	71.	71.	26.	0.	0.	0.	0.		4824.
D9 DOZER															
MOBILE	0.	483.	483.	498.	498.	498.	498.	498.	498.	498.	431.	431.	431.	258.	258.
UNIT	258.	258.	258.	185.	185.	185.	185.	185.	123.	123.	123.	123.	123.	123.	123.
610.	123.	123.	123.	62.	62.	62.	62.	62.	31.	0.	0.	0.	0.		9531.
D8 DOZER															
MOBILE	0.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	70.	70.
UNIT	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.
620.	70.	70.	70.	70.	70.	70.	70.	70.	35.	0.	0.	0.	0.		2519.
D7 DOZER															
MOBILE	0.	0.	0.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.
UNIT	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.
630.	86.	86.	86.	86.	86.	86.	86.	86.	43.	0.	0.	0.	0.		3067.
1 T FLATDECK															
MOBILE	13.	13.	13.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.
UNIT	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.
822.	25.	25.	25.	25.	25.	25.	25.	25.	13.	0.	0.	0.	0.		925.
3 T TRUCK WITH HIAB															
MOBILE	0.	0.	0.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.
UNIT	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.
826.	11.	11.	11.	11.	11.	11.	11.	11.	0.	0.	0.	0.	0.		396.
5 T SERVICE TRUCK															
MOBILE	0.	0.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.
UNIT	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.
830.	14.	14.	14.	14.	14.	14.	14.	14.	14.	0.	0.	0.	0.		514.
TIRE TRUCK															
MOBILE	0.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.
UNIT	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.
834.	6.	6.	6.	6.	6.	6.	6.	6.	6.	0.	0.	0.	0.		211.
LINE TRUCK															
MOBILE	0.	0.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
UNIT	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
846.	3.	3.	3.	3.	3.	3.	3.	3.	0.	0.	0.	0.	0.		122.
LO-BOY TRACTOR TRAILER															
MOBILE	0.	0.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.
UNIT	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.
862.	22.	22.	22.	22.	22.	22.	22.	22.	0.	0.	0.	0.	0.		774.
HI-BOY TRAILER															
MOBILE	0.	0.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
UNIT	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
866.	4.	4.	4.	4.	4.	4.	4.	4.	0.	0.	0.	0.	0.		144.

75 T CRANE															
MOBILE	0.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
UNIT	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
910.	8.	8.	8.	8.	8.	8.	8.	8.	0.	0.	0.	0.	0.		311.
15 T CRANE															
MOBILE	0.	9.	9.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.
UNIT	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.
914.	17.	17.	17.	17.	17.	17.	17.	17.	9.	0.	0.	0.	0.		634.
5 T FORKLIFT															
MOBILE	0.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
UNIT	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
922.	5.	5.	5.	5.	5.	5.	5.	5.	5.	0.	0.	0.	0.		194.
3 T FORKLIFT															
MOBILE	0.	0.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
UNIT	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
924.	3.	3.	3.	3.	3.	3.	3.	3.	0.	0.	0.	0.	0.		115.
COMPRESSOR 17 CM/MIN															
MOBILE	0.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
UNIT	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
952.	2.	2.	2.	2.	2.	2.	2.	2.	2.	0.	0.	0.	0.		78.
WELDER - 300 AMP															
MOBILE	0.	5.	15.	15.	15.	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.
UNIT	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.
957.	24.	24.	24.	24.	24.	24.	24.	24.	15.	0.	0.	0.	0.		863.
STEAM CLEANER															
MOBILE	0.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.
UNIT	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.
962.	6.	6.	6.	6.	6.	6.	6.	6.	6.	0.	0.	0.	0.		216.
LITE TOWERS															
MOBILE	0.	30.	30.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.
UNIT	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.
972.	59.	59.	59.	59.	59.	59.	59.	59.	30.	0.	0.	0.	0.		2168.
TOTAL	13.	848.	913.	1168.	1168.	1177.	1177.	1177.	1084.	1084.	1016.	1016.	1016.	764.	764.
	764.	764.	764.	691.	691.	691.	691.	691.	629.	629.	629.	629.	629.	629.	629.
	629.	629.	629.	548.	548.	548.	548.	548.	257.	0.	0.	0.	0.		29421.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY COST CENTER
3230. LOADING WASTE PARTINGS

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
H 241 HYDRAULIC SHOVEL															
MOBILE	0.	0.	0.	24.	55.	66.	73.	72.	71.	71.	70.	71.	74.	75.	72.
UNIT	70.	73.	75.	78.	75.	73.	75.	74.	73.	71.	74.	70.	76.	76.	75.
210.	72.	76.	77.	73.	73.	74.	71.	71.	28.	0.	0.	0.	0.		2517.
TOTAL	0.	0.	0.	24.	55.	66.	73.	72.	71.	71.	70.	71.	74.	75.	72.
SHIFTS	70.	73.	75.	78.	75.	73.	75.	74.	73.	71.	74.	70.	76.	76.	75.
	72.	76.	77.	73.	73.	74.	71.	71.	28.	0.	0.	0.	0.		2517.

COST ALLOCATIONS
$000,S

H 241 HYDRAULIC SHOVEL															
MOBILE	0.	0.	0.	26.	59.	71.	79.	78.	77.	77.	75.	77.	80.	81.	78.
UNIT	75.	79.	81.	84.	81.	79.	81.	80.	79.	77.	80.	75.	82.	82.	81.
210.	78.	82.	83.	79.	79.	80.	77.	77.	30.	0.	0.	0.	0.		2715.
TOTAL	0.	0.	0.	26.	59.	71.	79.	78.	77.	77.	75.	77.	80.	81.	78.
	75.	79.	81.	84.	81.	79.	81.	80.	79.	77.	80.	75.	82.	82.	81.
	78.	82.	83.	79.	79.	80.	77.	77.	30.	0.	0.	0.	0.		2715.

HAT CREEK 600 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY COST CENTER
3240. HAULING WASTE PARTINGS

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
M100 91 T END DUMP															
MOBILE	0.	0.	0.	142.	334.	408.	458.	462.	481.	482.	474.	478.	384.	582.	562.
UNIT	544.	566.	587.	677.	652.	640.	650.	645.	640.	618.	648.	613.	660.	753.	746.
415.	712.	757.	763.	725.	723.	732.	710.	702.	275.	0.	0.	0.	0.		20985.
TOTAL	0.	0.	0.	142.	334.	408.	458.	462.	481.	482.	474.	478.	384.	582.	562.
SHIFTS	544.	566.	587.	677.	652.	640.	650.	645.	640.	618.	648.	613.	660.	753.	746.
	712.	757.	763.	725.	723.	732.	710.	702.	275.	0.	0.	0.	0.		20985.

COST ALLOCATIONS
$000,S

M100 91 T END DUMP															
MOBILE	0.	0.	0.	99.	233.	285.	320.	322.	336.	336.	331.	334.	268.	406.	392.
UNIT	380.	395.	410.	473.	455.	447.	454.	450.	447.	431.	452.	428.	461.	526.	521.
415.	497.	528.	533.	506.	505.	511.	496.	490.	192.	0.	0.	0.	0.		14647.
TOTAL	0.	0.	0.	99.	233.	285.	320.	322.	336.	336.	331.	334.	268.	406.	392.
	380.	395.	410.	473.	455.	447.	454.	450.	447.	431.	452.	428.	461.	526.	521.
	497.	528.	533.	506.	505.	511.	496.	490.	192.	0.	0.	0.	0.		14647.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY COST CENTER
3310. DRILLING WASTE

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
CRAWLER MOUNTED DRILL															
MOBILE	0.	12.	22.	37.	55.	55.	62.	52.	52.	64.	40.	40.	40.	40.	30.
UNIT	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	15.	15.
111.	15.	15.	10.	10.	10.	5.	5.	5.	5.	0.	0.	0.	0.		1101.
TOTAL	0.	12.	22.	37.	55.	55.	62.	52.	52.	64.	40.	40.	40.	40.	30.
SHIFTS	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	15.	15.
	15.	15.	10.	10.	10.	5.	5.	5.	5.	0.	0.	0.	0.		1101.

COST ALLOCATIONS
$000,S

CRAWLER MOUNTED DRILL															
MOBILE	0.	9.	17.	28.	42.	42.	48.	40.	40.	49.	31.	31.	31.	31.	23.
UNIT	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	12.	12.
111.	12.	12.	8.	8.	8.	4.	4.	4.	4.	0.	0.	0.	0.		845.
TOTAL	0.	9.	17.	28.	42.	42.	48.	40.	40.	49.	31.	31.	31.	31.	23.
	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	12.	12.
	12.	12.	8.	8.	8.	4.	4.	4.	4.	0.	0.	0.	0.		845.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY COST CENTER
3330. LOADING WASTE

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
H 241 HYDRAULIC SHOVEL															
MOBILE	0.	184.	382.	635.	941.	956.	1068.	887.	896.	1098.	653.	771.	666.	582.	513.
UNIT	535.	430.	291.	322.	342.	337.	374.	359.	280.	284.	261.	366.	339.	255.	231.
210.	268.	293.	184.	136.	124.	50.	41.	38.	24.	0.	0.	0.	0.		16396.
824B DOZER															
MOBILE	0.	100.	270.	270.	420.	420.	420.	420.	420.	420.	300.	300.	300.	325.	325.
UNIT	325.	325.	220.	220.	220.	220.	220.	220.	200.	200.	200.	200.	200.	160.	160.
670.	160.	160.	160.	80.	80.	30.	30.	30.	30.	0.	0.	0.	0.		8760.
TOTAL	0.	284.	652.	905.	1361.	1376.	1488.	1307.	1316.	1518.	953.	1071.	966.	907.	838.
SHIFTS	860.	755.	511.	542.	562.	557.	594.	579.	480.	484.	461.	566.	539.	415.	391.
	428.	453.	344.	216.	204.	80.	71.	68.	54.	0.	0.	0.	0.		25156.

COST ALLOCATIONS
$000,S

H 241 HYDRAULIC SHOVEL															
MOBILE	0.	198.	412.	685.	1015.	1031.	1152.	957.	966.	1184.	704.	832.	718.	628.	553.
UNIT	577.	464.	314.	347.	369.	363.	403.	387.	302.	306.	281.	395.	366.	275.	249.
210.	289.	316.	198.	147.	134.	54.	44.	41.	26.	0.	0.	0.	0.		17684.
824B DOZER															
MOBILE	0.	45.	123.	123.	191.	191.	191.	191.	191.	191.	136.	136.	136.	148.	148.
UNIT	148.	148.	100.	100.	100.	100.	100.	100.	91.	91.	91.	91.	91.	73.	73.
670.	73.	73.	73.	36.	36.	14.	14.	14.	14.	0.	0.	0.	0.		3984.
TOTAL	0.	244.	535.	808.	1206.	1222.	1343.	1148.	1157.	1375.	841.	968.	855.	776.	701.
	725.	612.	414.	447.	469.	464.	503.	487.	393.	397.	372.	486.	457.	348.	322.
	362.	389.	271.	183.	170.	68.	58.	55.	40.	0.	0.	0.	0.		21668.

HAT CREEK 600 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY COST CENTER
3340. HAULING WASTE

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
M100 91 T END DUMP															
MOBILE	0.	1177.	2436.	4054.	6073.	6237.	7051.	5920.	6332.	7753.	4611.	5447.	4702.	4753.	4191.
UNIT	4368.	3510.	2374.	2954.	3145.	3098.	3431.	3299.	2577.	2613.	2398.	3365.	3115.	2680.	2425.
415.	2817.	3080.	1935.	1430.	1304.	524.	429.	396.	268.	0.	0.	0.	0.		128272.
TOTAL	0.	1177.	2436.	4054.	6073.	6237.	7051.	5920.	6332.	7753.	4611.	5447.	4702.	4753.	4191.
SHIFTS	4368.	3510.	2374.	2954.	3145.	3098.	3431.	3299.	2577.	2613.	2398.	3365.	3115.	2680.	2425.
	2817.	3080.	1935.	1430.	1304.	524.	429.	396.	268.	0.	0.	0.	0.		128272.

COST ALLOCATIONS
$000,S

M100 91 T END DUMP															
MOBILE	0.	822.	1700.	2830.	4239.	4353.	4921.	4132.	4420.	5411.	3218.	3802.	3282.	3317.	2925.
UNIT	3049.	2450.	1657.	2062.	2195.	2162.	2395.	2303.	1799.	1824.	1674.	2349.	2174.	1871.	1693.
415.	1966.	2150.	1351.	998.	910.	366.	299.	276.	187.	0.	0.	0.	0.		89531.
TOTAL	0.	822.	1700.	2830.	4239.	4353.	4921.	4132.	4420.	5411.	3218.	3802.	3282.	3317.	2925.
	3049.	2450.	1657.	2062.	2195.	2162.	2395.	2303.	1799.	1824.	1674.	2349.	2174.	1871.	1693.
	1966.	2150.	1351.	998.	910.	366.	299.	276.	187.	0.	0.	0.	0.		89531.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY COST CENTER
3430. LOADING COAL

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
H 241 HYDRAULIC SHOVEL															
MOBILE	0.	0.	63.	130.	300.	359.	396.	392.	387.	388.	381.	384.	402.	409.	395.
UNIT	381.	397.	411.	423.	407.	400.	407.	404.	401.	387.	405.	384.	412.	414.	410.
210.	391.	416.	419.	399.	398.	402.	390.	386.	151.	0.	0.	0.	0.		13781.
824B DOZER															
MOBILE	0.	0.	0.	120.	260.	310.	350.	350.	350.	350.	350.	350.	350.	350.	350.
UNIT	350.	350.	350.	350.	350.	350.	350.	350.	350.	350.	350.	350.	350.	350.	350.
670.	350.	350.	350.	350.	350.	350.	350.	350.	130.	0.	0.	0.	0.		12020.
TOTAL	0.	0.	63.	250.	560.	669.	746.	742.	737.	738.	731.	734.	752.	759.	745.
SHIFTS	731.	747.	761.	773.	757.	750.	757.	754.	751.	737.	755.	734.	762.	764.	760.
	741.	766.	769.	749.	748.	752.	740.	736.	281.	0.	0.	0.	0.		25801.

COST ALLOCATIONS
$000,S

H 241 HYDRAULIC SHOVEL															
MOBILE	0.	0.	68.	140.	324.	387.	427.	423.	417.	418.	411.	414.	434.	441.	426.
UNIT	411.	428.	443.	456.	439.	431.	439.	436.	432.	417.	437.	414.	444.	447.	442.
210.	422.	449.	452.	430.	429.	434.	421.	416.	163.	0.	0.	0.	0.		14863.
824B DOZER															
MOBILE	0.	0.	0.	55.	118.	141.	159.	159.	159.	159.	159.	159.	159.	159.	159.
UNIT	159.	159.	159.	159.	159.	159.	159.	159.	159.	159.	159.	159.	159.	159.	159.
670.	159.	159.	159.	159.	159.	159.	159.	159.	59.	0.	0.	0.	0.		5467.
TOTAL	0.	0.	68.	195.	442.	528.	586.	582.	577.	578.	570.	573.	593.	600.	585.
	570.	587.	602.	615.	598.	591.	598.	595.	592.	577.	596.	573.	604.	606.	601.
	581.	608.	611.	590.	588.	593.	580.	576.	222.	0.	0.	0.	0.		20331.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY COST CENTER
3440. HAULING COAL

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
M100 91 T END DUMP															
MOBILE	0.	0.	235.	492.	1120.	1444.	1697.	1697.	1527.	1531.	1506.	1517.	1585.	1849.	1783.
UNIT	1723.	1796.	1859.	2047.	1970.	1934.	1969.	1952.	1938.	1869.	1960.	1855.	1994.	2325.	2301.
415.	2195.	2334.	2350.	2236.	2231.	2258.	2185.	2165.	849.	0.	0.	0.	0.		66278.
TOTAL	0.	0.	235.	492.	1120.	1444.	1697.	1697.	1527.	1531.	1506.	1517.	1585.	1849.	1783.
SHIFTS	1723.	1796.	1859.	2047.	1970.	1934.	1969.	1952.	1938.	1869.	1960.	1855.	1994.	2325.	2301.
	2195.	2334.	2350.	2236.	2231.	2258.	2185.	2165.	849.	0.	0.	0.	0.		66278.

COST ALLOCATIONS
$000,S

M100 91 T END DUMP															
MOBILE	0.	0.	164.	343.	782.	1008.	1184.	1184.	1066.	1069.	1051.	1059.	1106.	1291.	1244.
UNIT	1203.	1254.	1298.	1429.	1375.	1350.	1374.	1362.	1353.	1305.	1368.	1295.	1392.	1623.	1606.
415.	1532.	1629.	1640.	1561.	1557.	1576.	1525.	1511.	593.	0.	0.	0.	0.		46261.
TOTAL	0.	0.	164.	343.	782.	1008.	1184.	1184.	1066.	1069.	1051.	1059.	1106.	1291.	1244.
	1203.	1254.	1298.	1429.	1375.	1350.	1374.	1362.	1353.	1305.	1368.	1295.	1392.	1623.	1606.
	1532.	1629.	1640.	1561.	1557.	1576.	1525.	1511.	593.	0.	0.	0.	0.		46261.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY COST CENTER
3600. PIT DEWATERING * DRAINAG

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
PUMP - DIESEL															
MOBILE	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	5.	5.
UNIT	5.	5.	5.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.
982.	7.	7.	7.	5.	5.	5.	5.	5.	5.	0.	0.	0.	0.		212.
BACKHOE - 3/4 CY															
MOBILE	0.	35.	70.	70.	70.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.
UNIT	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.
730.	105.	105.	105.	105.	50.	50.	50.	50.	50.	0.	0.	0.	0.		3540.
3 T TRUCK WITH HIAB															
MOBILE	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
UNIT	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
826.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		37.
TOTAL	4.	40.	75.	75.	75.	110.	110.	110.	110.	110.	110.	110.	110.	111.	111.
SHIFTS	111.	111.	111.	113.	113.	113.	113.	113.	113.	113.	113.	113.	113.	113.	113.
	113.	113.	113.	111.	56.	56.	56.	56.	55.	0.	0.	0.	0.		3789.

COST ALLOCATIONS
$000,S

PUMP - DIESEL															
MOBILE	43.	43.	43.	43.	43.	43.	43.	43.	43.	43.	43.	43.	43.	54.	54.
UNIT	54.	54.	54.	76.	76.	76.	76.	76.	76.	76.	76.	76.	76.	76.	76.
982.	76.	76.	76.	54.	54.	54.	54.	54.	54.	0.	0.	0.	0.		2302.
BACKHOE - 3/4 CY															
MOBILE	0.	13.	26.	26.	26.	40.	40.	40.	40.	40.	40.	40.	40.	40.	40.
UNIT	40.	40.	40.	40.	40.	40.	40.	40.	40.	40.	40.	40.	40.	40.	40.
730.	40.	40.	40.	40.	19.	19.	19.	19.	19.	0.	0.	0.	0.		1335.
3 T TRUCK WITH HIAB															
MOBILE	0.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.
UNIT	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.
826.	11.	11.	11.	11.	11.	11.	11.	11.	0.	0.	0.	0.	0.		418.
TOTAL	43.	68.	81.	81.	81.	94.	94.	94.	94.	94.	94.	94.	94.	105.	105.
	105.	105.	105.	127.	127.	127.	127.	127.	127.	127.	127.	127.	127.	127.	127.
	127.	127.	127.	105.	84.	84.	84.	84.	73.	0.	0.	0.	0.		4055.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY COST CENTER
6300. COAL STOCKPILE & BLENDIN

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
5.4 CM FRONT END LOADER															
MOBILE	0.	0.	40.	60.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.
UNIT	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.
340.	120.	120.	120.	120.	120.	120.	120.	120.	60.	0.	0.	0.	0.		4240.
TRAXCAVATOR 953															
MOBILE	0.	0.	0.	150.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.
UNIT	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.
380.	210.	210.	210.	210.	210.	210.	210.	210.	210.	0.	0.	0.	0.		7500.
825B COMPACTOR															
MOBILE	0.	0.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.
UNIT	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.
760.	60.	60.	60.	60.	60.	60.	60.	60.	60.	0.	0.	0.	0.		2220.
COMPACTOR - VIBRATORY															
MOBILE	0.	0.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.
UNIT	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.
765.	60.	60.	60.	60.	60.	60.	60.	60.	60.	0.	0.	0.	0.		2220.
TOTAL	0.	0.	160.	330.	450.	450.	450.	450.	450.	450.	450.	450.	450.	450.	450.
SHIFTS	450.	450.	450.	450.	450.	450.	450.	450.	450.	450.	450.	450.	450.	450.	450.
	450.	450.	450.	450.	450.	450.	450.	450.	390.	0.	0.	0.	0.		16180.

COST ALLOCATIONS
$000,S

5.4 CM FRONT END LOADER															
MOBILE	0.	0.	20.	30.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.
UNIT	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.
340.	59.	59.	59.	59.	59.	59.	59.	59.	30.	0.	0.	0.	0.		2086.
TRAXCAVATOR 953															
MOBILE	0.	0.	0.	50.	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.
UNIT	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.
380.	70.	70.	70.	70.	70.	70.	70.	70.	70.	0.	0.	0.	0.		2483.
825B COMPACTOR															
MOBILE	0.	0.	27.	27.	27.	27.	27.	27.	27.	27.	27.	27.	27.	27.	27.
UNIT	27.	27.	27.	27.	27.	27.	27.	27.	27.	27.	27.	27.	27.	27.	27.
760.	27.	27.	27.	27.	27.	27.	27.	27.	27.	0.	0.	0.	0.		1004.
COMPACTOR - VIBRATORY															
MOBILE	0.	0.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.
UNIT	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.
765.	14.	14.	14.	14.	14.	14.	14.	14.	14.	0.	0.	0.	0.		535.

TOTAL	0.	0.	61.	121.	170.	170.	170.	170.	170.	170.	170.	170.	170.	170.	170.
	170.	170.	170.	170.	170.	170.	170.	170.	170.	170.	170.	170.	170.	170.	170.
	170.	170.	170.	170.	170.	170.	170.	170.	141.	0.	0.	0.	0.		6108.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY COST CENTER
7000. WASTE HANDLING & DUMPS

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
5.4 CM FRONT END LOADER															
MOBILE	0.	40.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.
UNIT	80.	80.	80.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	80.	80.
340.	80.	80.	80.	80.	80.	40.	40.	40.	0.	0.	0.	0.	0.		3200.
631 SCRAPER															
MOBILE	0.	0.	300.	300.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
UNIT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
510.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		600.
D9 DOZER															
MOBILE	0.	0.	100.	100.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
UNIT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
610.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		200.
D8 DOZER															
MOBILE	0.	740.	1100.	1230.	1820.	1850.	2070.	1720.	1740.	2130.	1270.	1500.	1300.	1100.	1000.
UNIT	1000.	850.	650.	650.	650.	650.	650.	650.	650.	650.	650.	650.	650.	650.	650.
620.	650.	650.	350.	250.	250.	100.	100.	100.	0.	0.	0.	0.	0.		33320.
16G GRADER															
MOBILE	0.	0.	0.	150.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.
UNIT	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.
710.	200.	200.	200.	160.	160.	160.	160.	160.	80.	0.	0.	0.	0.		6830.
TOTAL	0.	780.	1580.	1860.	2100.	2130.	2350.	2000.	2020.	2410.	1550.	1780.	1580.	1380.	1280.
SHIFTS	1280.	1130.	930.	970.	970.	970.	970.	970.	970.	970.	970.	970.	970.	930.	930.
	930.	930.	630.	490.	490.	300.	300.	300.	80.	0.	0.	0.	0.		44150.

COST ALLOCATIONS
$000,S

5.4 CM FRONT END LOADER															
MOBILE	0.	20.	39.	39.	39.	39.	39.	39.	39.	39.	39.	39.	39.	39.	39.
UNIT	39.	39.	39.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	39.	39.
340.	39.	39.	39.	39.	39.	20.	20.	20.	0.	0.	0.	0.	0.		1575.
631 SCRAPER															
MOBILE	0.	0.	193.	193.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
UNIT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
510.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		385.
D9 DOZER															
MOBILE	0.	0.	62.	62.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
UNIT	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
610.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		123.

D8 DOZER															
MOBILE	0.	372.	553.	618.	915.	930.	1041.	865.	875.	1071.	639.	754.	654.	553.	503.
UNIT	503.	427.	327.	327.	327.	327.	327.	327.	327.	327.	327.	327.	327.	327.	327.
620.	327.	327.	176.	126.	126.	50.	50.	50.	0.	0.	0.	0.	0.		16754.
16G GRADER															
MOBILE	0.	0.	0.	71.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
UNIT	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
710.	94.	94.	94.	75.	75.	75.	75.	75.	38.	0.	0.	0.	0.		3211.
TOTAL	0.	392.	847.	982.	1049.	1064.	1174.	998.	1008.	1204.	772.	888.	787.	686.	636.
	636.	561.	460.	480.	480.	480.	480.	480.	480.	480.	480.	480.	480.	460.	460.
	460.	460.	309.	240.	240.	145.	145.	145.	38.	0.	0.	0.	0.		22048.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
101. DRILL

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL

EQUIPMENT SHIFTS BY COST CENTER

CLOSE SPACE DRILLING															
COST	0.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.
CENTER	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.
2182.	75.	75.	75.	30.	30.	30.	0.	0.	0.	0.	0.	0.	0.		2490.
TOTAL	0.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.
SHIFTS	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.	75.
	75.	75.	75.	30.	30.	30.	0.	0.	0.	0.	0.	0.	0.		2490.

COSTS BY COST COMPONENT
$000,S

OPERATING	0.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.
LABOUR	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.
	25.	25.	25.	10.	10.	10.	0.	0.	0.	0.	0.	0.	0.		845.
DIESEL	0.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
FUEL	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
	4.	4.	4.	2.	2.	2.	0.	0.	0.	0.	0.	0.	0.		146.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.		50.
REPAIR	0.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
LABOUR	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
	8.	8.	8.	3.	3.	3.	0.	0.	0.	0.	0.	0.	0.		249.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.
PARTS	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.
	11.	11.	11.	5.	5.	5.	0.	0.	0.	0.	0.	0.	0.		374.

TIRES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
PARTS	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
	8.	8.	8.	3.	3.	3.	0.	0.	0.	0.	0.	0.	0.		249.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.
COSTS	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.	58.
	58.	58.	58.	23.	23.	23.	0.	0.	0.	0.	0.	0.	0.		1912.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
111. CRAWLER MOUNTED DRILL

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
DRILLING WASTE															
COST	0.	12.	22.	37.	55.	55.	62.	52.	52.	64.	40.	40.	40.	40.	30.
CENTER	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	15.	15.
3310.	15.	15.	10.	10.	10.	5.	5.	5.	5.	0.	0.	0.	0.		1101.
TOTAL	0.	12.	22.	37.	55.	55.	62.	52.	52.	64.	40.	40.	40.	40.	30.
SHIFTS	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	15.	15.
	15.	15.	10.	10.	10.	5.	5.	5.	5.	0.	0.	0.	0.		1101.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	4.	7.	13.	19.	19.	21.	18.	18.	22.	14.	14.	14.	14.	10.
LABOUR	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	5.	5.
	5.	5.	3.	3.	3.	2.	2.	2.	2.	0.	0.	0.	0.		374.
DIESEL	0.	1.	1.	2.	3.	3.	4.	3.	3.	4.	2.	2.	2.	2.	2.
FUEL	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	1.	1.
	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.		64.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		22.
REPAIR	0.	1.	2.	4.	6.	6.	6.	5.	5.	6.	4.	4.	4.	4.	3.
LABOUR	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	2.	2.
	2.	2.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		110.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	2.	3.	6.	8.	8.	9.	8.	8.	10.	6.	6.	6.	6.	5.
PARTS	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	2.	2.
	2.	2.	2.	2.	2.	1.	1.	1.	1.	0.	0.	0.	0.		165.

TIRES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	1.	2.	4.	6.	6.	6.	5.	5.	6.	4.	4.	4.	4.	3.
PARTS	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	2.	2.
	2.	2.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		110.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	9.	17.	28.	42.	42.	48.	40.	40.	49.	31.	31.	31.	31.	23.
COSTS	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	12.	12.
	12.	12.	8.	8.	8.	4.	4.	4.	4.	0.	0.	0.	0.		845.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
210. H 241 HYDRAULIC SHOVEL

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
SITE AND PIT ROADS															
COST	0.	0.	0.	61.	53.	53.	53.	53.	49.	49.	49.	49.	49.	34.	34.
CENTER	34.	34.	34.	34.	34.	34.	34.	34.	30.	30.	30.	30.	30.	30.	30.
1100.	30.	30.	30.	23.	23.	23.	23.	23.	8.	0.	0.	0.	0.		1281.
LOADING WASTE PARTINGS															
COST	0.	0.	0.	24.	55.	66.	73.	72.	71.	71.	70.	71.	74.	75.	72.
CENTER	70.	73.	75.	78.	75.	73.	75.	74.	73.	71.	74.	70.	76.	76.	75.
3230.	72.	76.	77.	73.	73.	74.	71.	71.	28.	0.	0.	0.	0.		2517.
LOADING WASTE															
COST	0.	184.	382.	635.	941.	956.	1068.	887.	896.	1098.	653.	771.	666.	582.	513.
CENTER	535.	430.	291.	322.	342.	337.	374.	359.	280.	284.	261.	366.	339.	255.	231.
3330.	268.	293.	184.	136.	124.	50.	41.	38.	24.	0.	0.	0.	0.		16396.
LOADING COAL															
COST	0.	0.	63.	130.	300.	359.	396.	392.	387.	388.	381.	384.	402.	409.	395.
CENTER	381.	397.	411.	423.	407.	400.	407.	404.	401.	387.	405.	384.	412.	414.	410.
3430.	391.	416.	419.	399.	398.	402.	390.	386.	151.	0.	0.	0.	0.		13781.
TOTAL	0.	184.	445.	850.	1349.	1434.	1590.	1404.	1403.	1606.	1153.	1275.	1191.	1100.	1014.
SHIFTS	1020.	934.	811.	857.	858.	844.	890.	871.	784.	772.	770.	850.	857.	775.	746.
	761.	815.	710.	631.	618.	549.	525.	518.	211.	0.	0.	0.	0.		33975.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	44.	106.	202.	320.	341.	378.	333.	333.	381.	274.	303.	283.	261.	241.
LABOUR	242.	222.	193.	204.	204.	200.	211.	207.	186.	183.	183.	202.	204.	184.	177.
	181.	194.	169.	150.	147.	130.	125.	123.	50.	0.	0.	0.	0.		8069.
DIESEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
FUEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	12.	29.	55.	88.	93.	103.	91.	91.	104.	75.	83.	77.	72.	66.
	66.	61.	53.	56.	56.	55.	58.	57.	51.	50.	50.	55.	56.	50.	48.
	49.	53.	46.	41.	40.	36.	34.	34.	14.	0.	0.	0.	0.		2208.
LUBES	0.	5.	12.	24.	38.	40.	45.	39.	39.	45.	32.	36.	33.	31.	28.

	29.	26.	23.	24.	24.	24.	25.	24.	22.	22.	22.	24.	24.	22.	21.
	21.	23.	20.	18.	17.	15.	15.	15.	6.	0.	0.	0.	0.		951.
REPAIR	0.	48.	117.	223.	353.	376.	416.	368.	367.	421.	302.	334.	312.	288.	266.
LABOUR	267.	245.	212.	224.	225.	221.	233.	228.	205.	202.	202.	223.	224.	203.	195.
	199.	213.	186.	165.	162.	144.	137.	136.	55.	0.	0.	0.	0.		8897.
SERVICE	0.	2.	5.	9.	14.	15.	16.	14.	14.	16.	12.	13.	12.	11.	10.
LABOUR	10.	9.	8.	9.	9.	9.	9.	9.	8.	8.	8.	9.	9.	8.	8.
	8.	8.	7.	6.	6.	6.	5.	5.	2.	0.	0.	0.	0.		345.
WEAR	0.	15.	37.	71.	113.	120.	134.	118.	118.	135.	97.	107.	100.	92.	85.
PARTS	86.	78.	68.	72.	72.	71.	75.	73.	66.	65.	65.	71.	72.	65.	63.
	64.	68.	60.	53.	52.	46.	44.	44.	18.	0.	0.	0.	0.		2854.
TIRES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	72.	174.	333.	529.	562.	623.	550.	550.	630.	452.	500.	467.	431.	397.
PARTS	400.	366.	318.	336.	336.	331.	349.	341.	307.	303.	302.	333.	336.	304.	292.
	298.	319.	278.	247.	242.	215.	206.	203.	83.	0.	0.	0.	0.		13318.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	198.	480.	917.	1455.	1547.	1715.	1514.	1513.	1732.	1244.	1375.	1285.	1186.	1094.
COSTS	1100.	1007.	875.	924.	925.	910.	960.	939.	846.	833.	830.	917.	924.	836.	805.
	821.	879.	766.	681.	667.	592.	566.	559.	228.	0.	0.	0.	0.		36643.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
310. 9.6 CM FRONT END LOADER

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
TOTAL SHIFTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
COSTS BY COST COMPONENT $000,S															
OPERATING LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL FUEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
SERVICE LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TIRES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
COSTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
340. 5.4 CM FRONT END LOADER

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
SITE AND PIT ROADS															
COST	0.	150.	150.	148.	142.	142.	142.	142.	139.	139.	139.	139.	139.	127.	127.
CENTER	127.	127.	127.	127.	127.	127.	127.	127.	124.	124.	124.	124.	124.	124.	124.
1100.	124.	124.	124.	118.	118.	118.	118.	118.	56.	0.	0.	0.	0.		4867.
AUXILLIARY EQUIPMENT															
COST	0.	60.	80.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
CENTER	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
3090.	100.	100.	100.	100.	100.	100.	100.	100.	50.	0.	0.	0.	0.		3690.
COAL STOCKPILE & BLENDIN															
COST	0.	0.	40.	60.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.
CENTER	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.
6300.	120.	120.	120.	120.	120.	120.	120.	120.	60.	0.	0.	0.	0.		4240.
WASTE HANDLING & DUMPS															
COST	0.	40.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.
CENTER	80.	80.	80.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	80.	80.
7000.	80.	80.	80.	80.	80.	40.	40.	40.	0.	0.	0.	0.	0.		3200.
TOTAL	0.	250.	350.	388.	442.	442.	442.	442.	439.	439.	439.	439.	439.	427.	427.
SHIFTS	427.	427.	427.	467.	467.	467.	467.	467.	464.	464.	464.	464.	464.	424.	424.
	424.	424.	424.	418.	418.	378.	378.	378.	166.	0.	0.	0.	0.		15997.

COSTS BY COST COMPONENT
$000,S

OPERATING	0.	42.	58.	65.	74.	74.	74.	74.	73.	73.	73.	73.	73.	71.	71.
LABOUR	71.	71.	71.	78.	78.	78.	78.	78.	78.	78.	78.	78.	78.	71.	71.
	71.	71.	71.	70.	70.	63.	63.	63.	28.	0.	0.	0.	0.		2673.
DIESEL	0.	24.	33.	37.	42.	42.	42.	42.	41.	41.	41.	41.	41.	40.	40.
FUEL	40.	40.	40.	44.	44.	44.	44.	44.	44.	44.	44.	44.	44.	40.	40.
	40.	40.	40.	39.	39.	36.	36.	36.	16.	0.	0.	0.	0.		1509.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	4.	6.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.

	7.	7.	7.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	7.	7.
	7.	7.	7.	7.	7.	6.	6.	6.	3.	0.	0.	0.	0.		269.
REPAIR	0.	19.	26.	29.	33.	33.	33.	33.	33.	33.	33.	33.	33.	32.	32.
LABOUR	32.	32.	32.	35.	35.	35.	35.	35.	35.	35.	35.	35.	35.	32.	32.
	32.	32.	32.	31.	31.	28.	28.	28.	12.	0.	0.	0.	0.		1197.
SERVICE	0.	3.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
LABOUR	4.	4.	4.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	4.	4.
	4.	4.	4.	4.	4.	4.	4.	4.	2.	0.	0.	0.	0.		163.
WEAR	0.	1.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
PARTS	2.	2.	2.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		90.
TIRES	0.	14.	20.	22.	25.	25.	25.	25.	25.	25.	25.	25.	25.	24.	24.
	24.	24.	24.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	24.	24.
	24.	24.	24.	23.	23.	21.	21.	21.	9.	0.	0.	0.	0.		896.
REPAIR	0.	17.	24.	26.	30.	30.	30.	30.	30.	30.	30.	30.	30.	29.	29.
PARTS	29.	29.	29.	31.	31.	31.	31.	31.	31.	31.	31.	31.	31.	28.	28.
	28.	28.	28.	28.	28.	25.	25.	25.	11.	0.	0.	0.	0.		1075.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	123.	172.	191.	217.	217.	217.	217.	216.	216.	216.	216.	216.	210.	210.
COSTS	210.	210.	210.	230.	230.	230.	230.	230.	228.	228.	228.	228.	228.	209.	209.
	209.	209.	209.	206.	206.	186.	186.	186.	82.	0.	0.	0.	0.		7871.

HAT CREEK 600 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
380. TRAXCAVATOR 953

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
COAL STOCKPILE & BLENDIN															
COST	0.	0.	0.	150.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.
CENTER	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.
6300.	210.	210.	210.	210.	210.	210.	210.	210.	210.	0.	0.	0.	0.		7500.
TOTAL	0.	0.	0.	150.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.
SHIFTS	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.	210.
	210.	210.	210.	210.	210.	210.	210.	210.	210.	0.	0.	0.	0.		7500.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	25.	35.	35.	35.	35.	35.	35.	35.	35.	35.	35.	35.
LABOUR	35.	35.	35.	35.	35.	35.	35.	35.	35.	35.	35.	35.	35.	35.	35.
	35.	35.	35.	35.	35.	35.	35.	35.	35.	0.	0.	0.	0.		1253.
DIESEL	0.	0.	0.	4.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.
FUEL	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.
	6.	6.	6.	6.	6.	6.	6.	6.	6.	0.	0.	0.	0.		215.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		42.
REPAIR	0.	0.	0.	7.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
LABOUR	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
	10.	10.	10.	10.	10.	10.	10.	10.	10.	0.	0.	0.	0.		351.
SERVICE	0.	0.	0.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
LABOUR	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	0.	0.	0.	0.		76.
WEAR	0.	0.	0.	5.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.
PARTS	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.
	7.	7.	7.	7.	7.	7.	7.	7.	7.	0.	0.	0.	0.		252.

TIRES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	0.	0.	6.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
PARTS	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
	8.	8.	8.	8.	8.	8.	8.	8.	8.	0.	0.	0.	0.		294.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	0.	0.	50.	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.
COSTS	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.	70.
	70.	70.	70.	70.	70.	70.	70.	70.	70.	0.	0.	0.	0.		2483.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
415. M100 91 T END DUMP

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
SITE AND PIT ROADS															
COST	0.	0.	0.	396.	408.	408.	408.	408.	379.	379.	379.	379.	379.	300.	300.
CENTER	300.	300.	300.	300.	300.	300.	300.	300.	233.	233.	233.	233.	233.	233.	233.
1100.	233.	233.	233.	175.	175.	175.	175.	175.	58.	0.	0.	0.	0.		10186.
HAULING WASTE PARTINGS															
COST	0.	0.	0.	142.	334.	408.	458.	462.	481.	482.	474.	478.	384.	582.	562.
CENTER	544.	566.	587.	677.	652.	640.	650.	645.	640.	618.	648.	613.	660.	753.	746.
3240.	712.	757.	763.	725.	723.	732.	710.	702.	275.	0.	0.	0.	0.		20985.
HAULING WASTE															
COST	0.	1177.	2436.	4054.	6073.	6237.	7051.	5920.	6332.	7753.	4611.	5447.	4702.	4753.	4191.
CENTER	4368.	3510.	2374.	2954.	3145.	3098.	3431.	3299.	2577.	2613.	2398.	3365.	3115.	2680.	2425.
3340.	2817.	3080.	1935.	1430.	1304.	524.	429.	396.	268.	0.	0.	0.	0.		128272.
HAULING COAL															
COST	0.	0.	235.	492.	1120.	1444.	1697.	1697.	1527.	1531.	1506.	1517.	1585.	1849.	1783.
CENTER	1723.	1796.	1859.	2047.	1970.	1934.	1969.	1952.	1938.	1869.	1960.	1855.	1994.	2325.	2301.
3440.	2195.	2334.	2350.	2236.	2231.	2258.	2185.	2165.	849.	0.	0.	0.	0.		66278.
TOTAL	0.	1177.	2671.	5084.	7935.	8497.	9614.	8487.	8719.	10145.	6970.	7821.	7050.	7484.	6836.
SHIFTS	6935.	6172.	5120.	5978.	6067.	5972.	6350.	6196.	5388.	5333.	5239.	6066.	6002.	5991.	5705.
	5957.	6404.	5281.	4566.	4433.	3689.	3499.	3438.	1450.	0.	0.	0.	0.		225721.

COSTS BY COST COMPONENT
$000,S

OPERATING	0.	197.	446.	850.	1326.	1420.	1607.	1418.	1457.	1695.	1165.	1307.	1178.	1251.	1142.
LABOUR	1159.	1031.	856.	999.	1014.	998.	1061.	1035.	900.	891.	876.	1014.	1003.	1001.	953.
	996.	1070.	883.	763.	741.	617.	585.	575.	242.	0.	0.	0.	0.		37722.
DIESEL	0.	150.	340.	648.	1011.	1082.	1225.	1081.	1111.	1292.	888.	996.	898.	953.	871.
FUEL	883.	786.	652.	762.	773.	761.	809.	789.	686.	679.	667.	773.	765.	763.	727.
	759.	816.	673.	582.	565.	470.	446.	438.	185.	0.	0.	0.	0.		28755.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	28.	63.	120.	188.	201.	227.	201.	206.	240.	165.	185.	167.	177.	162.

	164.	146.	121.	141.	143.	141.	150.	146.	127.	126.	124.	143.	142.	142.	135.
	141.	151.	125.	108.	105.	87.	83.	81.	34.	0.	0.	0.	0.		5334.
REPAIR	0.	121.	274.	522.	814.	872.	986.	871.	894.	1041.	715.	802.	723.	768.	701.
LABOUR	711.	633.	525.	613.	622.	613.	651.	636.	553.	547.	537.	622.	616.	615.	585.
	611.	657.	542.	468.	455.	378.	359.	353.	149.	0.	0.	0.	0.		23154.
SERVICE	0.	12.	27.	52.	81.	86.	98.	86.	89.	103.	71.	79.	72.	76.	69.
LABOUR	70.	63.	52.	61.	62.	61.	65.	63.	55.	54.	53.	62.	61.	61.	58.
	61.	65.	54.	46.	45.	37.	36.	35.	15.	0.	0.	0.	0.		2293.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TIRES	0.	80.	181.	344.	537.	575.	651.	575.	590.	687.	472.	529.	477.	507.	463.
	469.	418.	347.	405.	411.	404.	430.	419.	365.	361.	355.	411.	406.	406.	386.
	403.	434.	358.	309.	300.	250.	237.	233.	98.	0.	0.	0.	0.		15281.
REPAIR	0.	235.	533.	1014.	1582.	1694.	1917.	1692.	1739.	2023.	1390.	1560.	1406.	1492.	1363.
PARTS	1383.	1231.	1021.	1192.	1210.	1191.	1266.	1235.	1074.	1063.	1045.	1210.	1197.	1195.	1138.
	1188.	1277.	1053.	910.	884.	736.	698.	686.	289.	0.	0.	0.	0.		45009.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	822.	1864.	3549.	5538.	5931.	6710.	5924.	6086.	7081.	4865.	5459.	4921.	5224.	4771.
COSTS	4840.	4308.	3574.	4173.	4235.	4168.	4432.	4325.	3761.	3722.	3657.	4234.	4189.	4182.	3982.
	4158.	4470.	3686.	3187.	3094.	2575.	2442.	2400.	1012.	0.	0.	0.	0.		157549.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
480. 10 YD END DUMP

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
SITE AND PIT ROADS															
COST	0.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.
CENTER	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.
1100.	120.	120.	120.	120.	120.	120.	120.	120.	120.	0.	0.	0.	0.		4560.
TOTAL	0.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.
SHIFTS	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.
	120.	120.	120.	120.	120.	120.	120.	120.	120.	0.	0.	0.	0.		4560.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.
LABOUR	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.
	19.	19.	19.	19.	19.	19.	19.	19.	19.	0.	0.	0.	0.		740.
DIESEL	0.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
FUEL	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
	5.	5.	5.	5.	5.	5.	5.	5.	5.	0.	0.	0.	0.		198.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.
LABOUR	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.
	7.	7.	7.	7.	7.	7.	7.	7.	7.	0.	0.	0.	0.		274.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	0.	0.	0.	0.		85.
REPAIR	0.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
PARTS	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
	4.	4.	4.	4.	4.	4.	4.	4.	4.	0.	0.	0.	0.		137.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.
COSTS	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.	38.
	38.	38.	38.	38.	38.	38.	38.	38.	38.	0.	0.	0.	0.		1433.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
510. 631 SCRAPER

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
SITE AND PIT ROADS															
COST	0.	200.	200.	200.	252.	252.	252.	252.	234.	234.	234.	234.	234.	162.	162.
CENTER	162.	162.	162.	162.	162.	162.	162.	162.	144.	144.	144.	144.	144.	144.	144.
1100.	144.	144.	144.	108.	108.	108.	108.	108.	36.	0.	0.	0.	0.		6414.
AUXILLIARY EQUIPMENT															
COST	0.	300.	300.	425.	425.	425.	425.	425.	280.	280.	280.	280.	280.	140.	140.
CENTER	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.
3090.	140.	140.	140.	110.	110.	110.	110.	110.	40.	0.	0.	0.	0.		7515.
WASTE HANDLING & DUMPS															
COST	0.	0.	300.	300.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CENTER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7000.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		600.
TOTAL	0.	500.	800.	925.	677.	677.	677.	677.	514.	514.	514.	514.	514.	302.	302.
SHIFTS	302.	302.	302.	302.	302.	302.	302.	302.	284.	284.	284.	284.	284.	284.	284.
	284.	284.	284.	218.	218.	218.	218.	218.	76.	0.	0.	0.	0.		14529.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	84.	134.	155.	113.	113.	113.	113.	86.	86.	86.	86.	86.	50.	50.
LABOUR	50.	50.	50.	50.	50.	50.	50.	50.	47.	47.	47.	47.	47.	47.	47.
	47.	47.	47.	36.	36.	36.	36.	36.	13.	0.	0.	0.	0.		2428.
DIESEL	0.	61.	98.	113.	83.	83.	83.	83.	63.	63.	63.	63.	63.	37.	37.
FUEL	37.	37.	37.	37.	37.	37.	37.	37.	35.	35.	35.	35.	35.	35.	35.
	35.	35.	35.	27.	27.	27.	27.	27.	9.	0.	0.	0.	0.		1777.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	8.	13.	16.	11.	11.	11.	11.	9.	9.	9.	9.	9.	5.	5.
	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
	5.	5.	5.	4.	4.	4.	4.	4.	1.	0.	0.	0.	0.		244.
REPAIR	0.	61.	97.	112.	82.	82.	82.	82.	62.	62.	62.	62.	62.	37.	37.
LABOUR	37.	37.	37.	37.	37.	37.	37.	37.	35.	35.	35.	35.	35.	35.	35.

	35.	35.	35.	27.	27.	27.	27.	27.	9.	0.	0.	0.	0.		1766.
SERVICE	0.	5.	8.	9.	7.	7.	7.	7.	5.	5.	5.	5.	5.	3.	3.
LABOUR	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
	3.	3.	3.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		148.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TIRES	0.	41.	66.	77.	56.	56.	56.	56.	43.	43.	43.	43.	43.	25.	25.
	25.	25.	25.	25.	25.	25.	25.	25.	24.	24.	24.	24.	24.	24.	24.
	24.	24.	24.	18.	18.	18.	18.	18.	6.	0.	0.	0.	0.		1205.
REPAIR	0.	60.	97.	112.	82.	82.	82.	82.	62.	62.	62.	62.	62.	37.	37.
PARTS	37.	37.	37.	37.	37.	37.	37.	37.	34.	34.	34.	34.	34.	34.	34.
	34.	34.	34.	26.	26.	26.	26.	26.	9.	0.	0.	0.	0.		1757.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	321.	514.	594.	435.	435.	435.	435.	330.	330.	330.	330.	330.	194.	194.
COSTS	194.	194.	194.	194.	194.	194.	194.	194.	182.	182.	182.	182.	182.	182.	182.
	182.	182.	182.	140.	140.	140.	140.	140.	49.	0.	0.	0.	0.		9326.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
610. D9 DOZER

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
SITE AND PIT ROADS															
COST	0.	100.	100.	100.	126.	126.	126.	126.	117.	117.	117.	117.	117.	81.	81.
CENTER	81.	81.	81.	81.	81.	81.	81.	81.	72.	72.	72.	72.	72.	72.	72.
1100.	72.	72.	72.	54.	54.	54.	54.	54.	18.	0.	0.	0.	0.		3207.
AUXILLIARY EQUIPMENT															
COST	0.	785.	785.	810.	810.	810.	810.	810.	810.	810.	700.	700.	700.	420.	420.
CENTER	420.	420.	420.	300.	300.	300.	300.	300.	200.	200.	200.	200.	200.	200.	200.
3090.	200.	200.	200.	100.	100.	100.	100.	100.	50.	0.	0.	0.	0.		15490.
WASTE HANDLING & DUMPS															
COST	0.	0.	100.	100.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CENTER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7000.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		200.
TOTAL	0.	885.	985.	1010.	936.	936.	936.	936.	927.	927.	817.	817.	817.	501.	501.
SHIFTS	501.	501.	501.	381.	381.	381.	381.	381.	272.	272.	272.	272.	272.	272.	272.
	272.	272.	272.	154.	154.	154.	154.	154.	68.	0.	0.	0.	0.		18897.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	148.	165.	169.	156.	156.	156.	156.	155.	155.	137.	137.	137.	84.	84.
LABOUR	84.	84.	84.	64.	64.	64.	64.	64.	45.	45.	45.	45.	45.	45.	45.
	45.	45.	45.	26.	26.	26.	26.	26.	11.	0.	0.	0.	0.		3158.
DIESEL	0.	126.	141.	144.	134.	134.	134.	134.	132.	132.	117.	117.	117.	72.	72.
FUEL	72.	72.	72.	54.	54.	54.	54.	54.	39.	39.	39.	39.	39.	39.	39.
	39.	39.	39.	22.	22.	22.	22.	22.	10.	0.	0.	0.	0.		2700.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	20.	22.	23.	21.	21.	21.	21.	21.	21.	18.	18.	18.	11.	11.
	11.	11.	11.	9.	9.	9.	9.	9.	6.	6.	6.	6.	6.	6.	6.
	6.	6.	6.	3.	3.	3.	3.	3.	2.	0.	0.	0.	0.		423.
REPAIR	0.	83.	92.	94.	88.	88.	88.	88.	87.	87.	76.	76.	76.	47.	47.
LABOUR	47.	47.	47.	36.	36.	36.	36.	36.	25.	25.	25.	25.	25.	25.	25.

	25.	25.	25.	14.	14.	14.	14.	14.	6.	0.	0.	0.	0.		1767.
SERVICE	0.	9.	10.	10.	10.	10.	10.	10.	9.	9.	8.	8.	8.	5.	5.
LABOUR	5.	5.	5.	4.	4.	4.	4.	4.	3.	3.	3.	3.	3.	3.	3.
	3.	3.	3.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		192.
WEAR	0.	59.	66.	68.	63.	63.	63.	63.	62.	62.	55.	55.	55.	34.	34.
PARTS	34.	34.	34.	26.	26.	26.	26.	26.	18.	18.	18.	18.	18.	18.	18.
	18.	18.	18.	10.	10.	10.	10.	10.	5.	0.	0.	0.	0.		1270.
TIRES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	99.	110.	113.	105.	105.	105.	105.	104.	104.	92.	92.	92.	56.	56.
PARTS	56.	56.	56.	43.	43.	43.	43.	43.	30.	30.	30.	30.	30.	30.	30.
	30.	30.	30.	17.	17.	17.	17.	17.	8.	0.	0.	0.	0.		2116.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	545.	606.	621.	576.	576.	576.	576.	570.	570.	503.	503.	503.	308.	308.
COSTS	308.	308.	308.	234.	234.	234.	234.	234.	167.	167.	167.	167.	167.	167.	167.
	167.	167.	167.	95.	95.	95.	95.	95.	42.	0.	0.	0.	0.		11627.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
620. D8 DOZER

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
SITE AND PIT ROADS															
COST	0.	0.	0.	128.	140.	140.	140.	140.	130.	130.	130.	130.	130.	90.	90.
CENTER	90.	90.	90.	90.	90.	90.	90.	90.	80.	80.	80.	80.	80.	80.	80.
1100.	80.	80.	80.	60.	60.	60.	60.	60.	20.	0.	0.	0.	0.		3358.
AUXILLIARY EQUIPMENT															
COST	0.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	140.	140.
CENTER	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.	140.
3090.	140.	140.	140.	140.	140.	140.	140.	140.	70.	0.	0.	0.	0.		5010.
WASTE HANDLING & DUMPS															
COST	0.	740.	1100.	1230.	1820.	1850.	2070.	1720.	1740.	2130.	1270.	1500.	1300.	1100.	1000.
CENTER	1000.	850.	650.	650.	650.	650.	650.	650.	650.	650.	650.	650.	650.	650.	650.
7000.	650.	650.	350.	250.	250.	100.	100.	100.	0.	0.	0.	0.	0.		33320.
TOTAL	0.	860.	1220.	1478.	2080.	2110.	2330.	1980.	1990.	2380.	1520.	1750.	1550.	1330.	1230.
SHIFTS	1230.	1080.	880.	880.	880.	880.	880.	880.	870.	870.	870.	870.	870.	870.	870.
	870.	870.	570.	450.	450.	300.	300.	300.	90.	0.	0.	0.	0.		41688.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	144.	204.	247.	348.	353.	389.	331.	333.	398.	254.	292.	259.	222.	206.
LABOUR	206.	180.	147.	147.	147.	147.	147.	147.	145.	145.	145.	145.	145.	145.	145.
	145.	145.	95.	75.	75.	50.	50.	50.	15.	0.	0.	0.	0.		6967.
DIESEL	0.	88.	125.	152.	214.	217.	240.	204.	205.	245.	156.	180.	159.	137.	126.
FUEL	126.	111.	90.	90.	90.	90.	90.	90.	89.	89.	89.	89.	89.	89.	89.
	89.	89.	59.	46.	46.	31.	31.	31.	9.	0.	0.	0.	0.		4285.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	10.	14.	17.	23.	24.	26.	22.	22.	27.	17.	20.	17.	15.	14.
	14.	12.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
	10.	10.	6.	5.	5.	3.	3.	3.	1.	0.	0.	0.	0.		467.
REPAIR	0.	66.	94.	114.	160.	163.	180.	153.	154.	184.	117.	135.	120.	103.	95.
LABOUR	95.	83.	68.	68.	68.	68.	68.	68.	67.	67.	67.	67.	67.	67.	67.

	67.	67.	44.	35.	35.	23.	23.	23.	7.	0.	0.	0.	0.		3216.
SERVICE	0.	9.	12.	15.	21.	21.	24.	20.	20.	24.	15.	18.	16.	14.	12.
LABOUR	12.	11.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.
	9.	9.	6.	5.	5.	3.	3.	3.	1.	0.	0.	0.	0.		424.
WEAR	0.	43.	61.	74.	105.	106.	117.	100.	100.	120.	77.	88.	78.	67.	62.
PARTS	62.	54.	44.	44.	44.	44.	44.	44.	44.	44.	44.	44.	44.	44.	44.
	44.	44.	29.	23.	23.	15.	15.	15.	5.	0.	0.	0.	0.		2101.
TIRES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	72.	102.	124.	175.	177.	196.	166.	167.	200.	128.	147.	130.	112.	103.
PARTS	103.	91.	74.	74.	74.	74.	74.	74.	73.	73.	73.	73.	73.	73.	73.
	73.	73.	48.	38.	38.	25.	25.	25.	8.	0.	0.	0.	0.		3502.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	432.	613.	743.	1046.	1061.	1172.	996.	1001.	1197.	764.	880.	779.	669.	618.
COSTS	618.	543.	442.	442.	442.	442.	442.	442.	437.	437.	437.	437.	437.	437.	437.
	437.	437.	287.	226.	226.	151.	151.	151.	45.	0.	0.	0.	0.		20962.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
630. D7 DOZER

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
AUXILLIARY EQUIPMENT															
COST	0.	0.	0.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.
CENTER	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.
3090.	200.	200.	200.	200.	200.	200.	200.	200.	100.	0.	0.	0.	0.		7100.
TOTAL	0.	0.	0.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.
SHIFTS	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.
	200.	200.	200.	200.	200.	200.	200.	200.	100.	0.	0.	0.	0.		7100.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.
LABOUR	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.
	33.	33.	33.	33.	33.	33.	33.	33.	17.	0.	0.	0.	0.		1187.
DIESEL	0.	0.	0.	15.	15.	15.	15.	15.	15.	15.	15.	15.	15.	15.	15.
FUEL	15.	15.	15.	15.	15.	15.	15.	15.	15.	15.	15.	15.	15.	15.	15.
	15.	15.	15.	15.	15.	15.	15.	15.	8.	0.	0.	0.	0.		538.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		60.
REPAIR	0.	0.	0.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.
LABOUR	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.
	12.	12.	12.	12.	12.	12.	12.	12.	6.	0.	0.	0.	0.		415.
SERVICE	0.	0.	0.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
LABOUR	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		72.
WEAR	0.	0.	0.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.
PARTS	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.
	9.	9.	9.	9.	9.	9.	9.	9.	4.	0.	0.	0.	0.		318.

TIRES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	0.	0.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.
PARTS	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.
	13.	13.	13.	13.	13.	13.	13.	13.	7.	0.	0.	0.	0.		477.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	0.	0.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.
COSTS	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.	86.
	86.	86.	86.	86.	86.	86.	86.	86.	43.	0.	0.	0.	0.		3067.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
670. 824B DOZER

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
LOADING WASTE															
COST	0.	100.	270.	270.	420.	420.	420.	420.	420.	420.	300.	300.	300.	325.	325.
CENTER	325.	325.	220.	220.	220.	220.	220.	220.	200.	200.	200.	200.	200.	160.	160.
3330.	160.	160.	160.	80.	80.	30.	30.	30.	30.	0.	0.	0.	0.		8760.
LOADING COAL															
COST	0.	0.	0.	120.	260.	310.	350.	350.	350.	350.	350.	350.	350.	350.	350.
CENTER	350.	350.	350.	350.	350.	350.	350.	350.	350.	350.	350.	350.	350.	350.	350.
3430.	350.	350.	350.	350.	350.	350.	350.	350.	130.	0.	0.	0.	0.		12020.
TOTAL	0.	100.	270.	390.	680.	730.	770.	770.	770.	770.	650.	650.	650.	675.	675.
SHIFTS	675.	675.	570.	570.	570.	570.	570.	570.	550.	550.	550.	550.	550.	510.	510.
	510.	510.	510.	430.	430.	380.	380.	380.	160.	0.	0.	0.	0.		20780.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	17.	45.	65.	114.	122.	129.	129.	129.	129.	109.	109.	109.	113.	113.
LABOUR	113.	113.	95.	95.	95.	95.	95.	95.	92.	92.	92.	92.	92.	85.	85.
	85.	85.	85.	72.	72.	64.	64.	64.	27.	0.	0.	0.	0.		3473.
DIESEL	0.	10.	26.	38.	66.	70.	74.	74.	74.	74.	63.	63.	63.	65.	65.
FUEL	65.	65.	55.	55.	55.	55.	55.	55.	53.	53.	53.	53.	53.	49.	49.
	49.	49.	49.	41.	41.	37.	37.	37.	15.	0.	0.	0.	0.		2003.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	2.	5.	7.	11.	12.	13.	13.	13.	13.	11.	11.	11.	11.	11.
	11.	11.	10.	10.	10.	10.	10.	10.	9.	9.	9.	9.	9.	9.	9.
	9.	9.	9.	7.	7.	6.	6.	6.	3.	0.	0.	0.	0.		349.
REPAIR	0.	6.	16.	24.	41.	44.	47.	47.	47.	47.	40.	40.	40.	41.	41.
LABOUR	41.	41.	35.	35.	35.	35.	35.	35.	33.	33.	33.	33.	33.	31.	31.
	31.	31.	31.	26.	26.	23.	23.	23.	10.	0.	0.	0.	0.		1263.
SERVICE	0.	1.	3.	4.	7.	7.	8.	8.	8.	8.	7.	7.	7.	7.	7.
LABOUR	7.	7.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	5.	5.
	5.	5.	5.	4.	4.	4.	4.	4.	2.	0.	0.	0.	0.		211.

WEAR	0.	1.	2.	2.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
PARTS	4.	4.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
	3.	3.	3.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		116.
TIRES	0.	4.	11.	16.	29.	31.	32.	32.	32.	32.	27.	27.	27.	28.	28.
	28.	28.	24.	24.	24.	24.	24.	24.	23.	23.	23.	23.	23.	21.	21.
	21.	21.	21.	18.	18.	16.	16.	16.	7.	0.	0.	0.	0.		873.
REPAIR	0.	6.	15.	22.	38.	41.	43.	43.	43.	43.	36.	35.	36.	38.	38.
PARTS	38.	38.	32.	32.	32.	32.	32.	32.	31.	31.	31.	31.	31.	29.	29.
	29.	29.	29.	24.	24.	21.	21.	21.	9.	0.	0.	0.	0.		1164.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	45.	123.	177.	309.	332.	350.	350.	350.	350.	296.	296.	296.	307.	307.
COSTS	307.	307.	259.	259.	259.	259.	259.	259.	250.	250.	250.	250.	250.	232.	232.
	232.	232.	232.	196.	196.	173.	173.	173.	73.	0.	0.	0.	0.		9452.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
710. 16G GRADER

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
WASTE HANDLING & DUMPS															
COST	0.	0.	0.	150.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.
CENTER	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.
7000.	200.	200.	200.	160.	160.	160.	160.	160.	80.	0.	0.	0.	0.		6830.
TOTAL	0.	0.	0.	150.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.
SHIFTS	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.
	200.	200.	200.	160.	160.	160.	160.	160.	80.	0.	0.	0.	0.		6830.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	25.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.
LABOUR	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.
	33.	33.	33.	27.	27.	27.	27.	27.	13.	0.	0.	0.	0.		1141.
DIESEL	0.	0.	0.	9.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.
FUEL	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.
	12.	12.	12.	9.	9.	9.	9.	9.	5.	0.	0.	0.	0.		403.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		76.
REPAIR	0.	0.	0.	11.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.
LABOUR	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.
	14.	14.	14.	12.	12.	12.	12.	12.	6.	0.	0.	0.	0.		495.
SERVICE	0.	0.	0.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
LABOUR	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		69.
WEAR	0.	0.	0.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
PARTS	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
	3.	3.	3.	3.	3.	3.	3.	3.	1.	0.	0.	0.	0.		115.

TIRES	0.	0.	0.	7.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.
	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.
	9.	9.	9.	7.	7.	7.	7.	7.	4.	0.	0.	0.	0.		306.
REPAIR	0.	0.	0.	13.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.
PARTS	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.
	18.	18.	18.	14.	14.	14.	14.	14.	7.	0.	0.	0.	0.		605.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	0.	0.	71.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
COSTS	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.	94.
	94.	94.	94.	75.	75.	75.	75.	75.	38.	0.	0.	0.	0.		3211.

HAT CREEK 600 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
712. 14G GRADER

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL

EQUIPMENT SHIFTS BY COST CENTER

SITE AND PIT ROADS															
COST	0.	300.	500.	724.	1350.	1350.	1350.	1350.	1325.	1325.	1325.	1325.	1325.	1025.	1025.
CENTER	1025.	1025.	1025.	1025.	1025.	1025.	1025.	1025.	1000.	1000.	1000.	1000.	1000.	1000.	1000.
1100.	1000.	1000.	1000.	650.	650.	650.	650.	650.	200.	0.	0.	0.	0.		37249.
TOTAL	0.	300.	500.	724.	1350.	1350.	1350.	1350.	1325.	1325.	1325.	1325.	1325.	1025.	1025.
SHIFTS	1025.	1025.	1025.	1025.	1025.	1025.	1025.	1025.	1000.	1000.	1000.	1000.	1000.	1000.	1000.
	1000.	1000.	1000.	650.	650.	650.	650.	650.	200.	0.	0.	0.	0.		37249.

COSTS BY COST COMPONENT
$000,S

OPERATING	0.	50.	84.	121.	226.	226.	226.	226.	221.	221.	221.	221.	221.	171.	171.
LABOUR	171.	171.	171.	171.	171.	171.	171.	171.	167.	167.	167.	167.	167.	167.	167.
	167.	167.	167.	109.	109.	109.	109.	109.	33.	0.	0.	0.	0.		6225.
DIESEL	0.	12.	20.	29.	55.	55.	55.	55.	54.	54.	54.	54.	54.	41.	41.
FUEL	41.	41.	41.	41.	41.	41.	41.	41.	40.	40.	40.	40.	40.	40.	40.
	40.	40.	40.	26.	26.	26.	26.	26.	8.	0.	0.	0.	0.		1506.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	3.	4.	6.	11.	11.	11.	11.	11.	11.	11.	11.	11.	9.	9.
	9.	9.	9.	9.	9.	9.	9.	9.	8.	8.	8.	8.	8.	8.	8.
	8.	8.	8.	5.	5.	5.	5.	5.	2.	0.	0.	0.	0.		313.
REPAIR	0.	19.	32.	46.	85.	85.	85.	85.	84.	84.	84.	84.	84.	65.	65.
LABOUR	65.	65.	65.	65.	65.	65.	65.	65.	63.	63.	63.	63.	63.	63.	63.
	63.	63.	63.	41.	41.	41.	41.	41.	13.	0.	0.	0.	0.		2352.
SERVICE	0.	3.	5.	7.	14.	14.	14.	14.	13.	13.	13.	13.	13.	10.	10.
LABOUR	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
	10.	10.	10.	7.	7.	7.	7.	7.	2.	0.	0.	0.	0.		378.
WEAR	0.	3.	6.	8.	15.	15.	15.	15.	15.	15.	15.	15.	15.	11.	11.
PARTS	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.
	11.	11.	11.	7.	7.	7.	7.	7.	2.	0.	0.	0.	0.		417.

TIRES	0.	10.	17.	24.	45.	45.	45.	45.	45.	45.	45.	45.	45.	34.	34.
	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.
	34.	34.	34.	22.	22.	22.	22.	22.	7.	0.	0.	0.	0.		1252.
REPAIR	0.	15.	25.	36.	68.	68.	68.	68.	67.	67.	67.	67.	67.	52.	52.
PARTS	52.	52.	52.	52.	52.	52.	52.	52.	50.	50.	50.	50.	50.	50.	50.
	50.	50.	50.	33.	33.	33.	33.	33.	10.	0.	0.	0.	0.		1877.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	115.	192.	278.	519.	519.	519.	519.	509.	509.	509.	509.	509.	394.	394.
COSTS	394.	394.	394.	394.	394.	394.	394.	394.	384.	384.	384.	384.	304.	384.	384.
	384.	384.	384.	250.	250.	250.	250.	250.	77.	0.	0.	0.	0.		14320.

HAT CREEK 600 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
715. GRADALL

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL

EQUIPMENT SHIFTS BY COST CENTER

SITE AND PIT ROADS															
COST	0.	100.	100.	100.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.
CENTER	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.
1100.	200.	200.	200.	200.	200.	200.	200.	200.	50.	0.	0.	0.	0.		7150.
TOTAL	0.	100.	100.	100.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.
SHIFTS	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.
	200.	200.	200.	200.	200.	200.	200.	200.	50.	0.	0.	0.	0.		7150.

COSTS BY COST COMPONENT
$000,S

OPERATING	0.	17.	17.	17.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.
LABOUR	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.	33.
	33.	33.	33.	33.	33.	33.	33.	33.	8.	0.	0.	0.	0.		1195.
DIESEL	0.	3.	3.	3.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.
FUEL	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.
	6.	6.	6.	6.	6.	6.	6.	6.	1.	0.	0.	0.	0.		204.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	6.	6.	6.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.
LABOUR	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.
	12.	12.	12.	12.	12.	12.	12.	12.	3.	0.	0.	0.	0.		429.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	1.	1.	1.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
PARTS	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	0.	0.	0.	0.	0.		57.

TIRES	0.	1.	1.	1.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	0.	0.	0.	0.	0.		57.
REPAIR	0.	5.	5.	5.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.
PARTS	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.
	9.	9.	9.	9.	9.	9.	9.	9.	2.	0.	0.	0.	0.		322.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	32.	32.	32.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.
COSTS	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.	63.
	63.	63.	63.	63.	63.	63.	63.	63.	16.	0.	0.	0.	0.		2265.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
730. BACKHOE - 3/4 CY

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
PIT DEWATERING * DRAINAG															
COST	0.	35.	70.	70.	70.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.
CENTER	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.
3600.	105.	105.	105.	105.	50.	50.	50.	50.	50.	0.	0.	0.	0.		3540.
TOTAL	0.	35.	70.	70.	70.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.
SHIFTS	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.	105.
	105.	105.	105.	105.	50.	50.	50.	50.	50.	0.	0.	0.	0.		3540.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	6.	12.	12.	12.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.
LABOUR	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.
	18.	18.	18.	18.	8.	8.	8.	8.	8.	0.	0.	0.	0.		592.
DIESEL	0.	1.	2.	2.	2.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
FUEL	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
	3.	3.	3.	3.	1.	1.	1.	1.	1.	0.	0.	0.	0.		90.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.		17.
REPAIR	0.	3.	6.	6.	6.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
LABOUR	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
	8.	8.	8.	8.	4.	4.	4.	4.	4.	0.	0.	0.	0.		281.
SERVICE	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
LABOUR	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		36.
WEAR	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
PARTS	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.		18.

TIRES	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.		18.
REPAIR	0.	3.	6.	6.	6.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
PARTS	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
	8.	8.	8.	8.	4.	4.	4.	4.	4.	0.	0.	0.	0.		283.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	13.	26.	26.	26.	40.	40.	40.	40.	40.	40.	40.	40.	40.	40.
COSTS	40.	40.	40.	40.	40.	40.	40.	40.	40.	40.	40.	40.	40.	40.	40.
	40.	40.	40.	40.	19.	19.	19.	19.	19.	0.	0.	0.	0.		1335.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
740. SAND TRUCK

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
SITE AND PIT ROADS															
COST	0.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.
CENTER	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.
1100.	120.	120.	120.	120.	120.	120.	120.	120.	120.	0.	0.	0.	0.		4560.
TOTAL	0.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.
SHIFTS	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.
	120.	120.	120.	120.	120.	120.	120.	120.	120.	0.	0.	0.	0.		4560.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.
LABOUR	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.
	19.	19.	19.	19.	19.	19.	19.	19.	19.	0.	0.	0.	0.		740.
DIESEL	0.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
FUEL	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
	3.	3.	3.	3.	3.	3.	3.	3.	3.	0.	0.	0.	0.		116.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
LABOUR	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
	5.	5.	5.	5.	5.	5.	5.	5.	5.	0.	0.	0.	0.		182.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		55.
REPAIR	0.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
PARTS	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
	5.	5.	5.	5.	5.	5.	5.	5.	5.	0.	0.	0.	0.		182.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.
COSTS	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.	34.
	34.	34.	34.	34.	34.	34.	34.	34.	34.	0.	0.	0.	0.		1276.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
750. WATER WAGON

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL

EQUIPMENT SHIFTS BY COST CENTER

SITE AND PIT ROADS															
COST	0.	100.	100.	400.	400.	400.	400.	400.	400.	400.	400.	400.	400.	300.	300.
CENTER	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.
1100.	300.	300.	300.	200.	200.	200.	200.	200.	200.	0.	0.	0.	0.		11400.
TOTAL	0.	100.	100.	400.	400.	400.	400.	400.	400.	400.	400.	400.	400.	300.	300.
SHIFTS	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.	300.
	300.	300.	300.	200.	200.	200.	200.	200.	200.	0.	0.	0.	0.		11400.

COSTS BY COST COMPONENT
$000,S

OPERATING	0.	16.	16.	65.	65.	65.	65.	65.	65.	65.	65.	65.	65.	49.	49.
LABOUR	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.	49.
	49.	49.	49.	32.	32.	32.	32.	32.	32.	0.	0.	0.	0.		1850.
DIESEL	0.	4.	4.	16.	16.	16.	16.	16.	16.	16.	16.	16.	16.	12.	12.
FUEL	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.
	12.	12.	12.	8.	8.	8.	8.	8.	8.	0.	0.	0.	0.		465.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	10.	10.	40.	40.	40.	40.	40.	40.	40.	40.	40.	40.	30.	30.
LABOUR	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.	30.
	30.	30.	30.	20.	20.	20.	20.	20.	20.	0.	0.	0.	0.		1140.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	2.	2.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	5.	5.
	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
	5.	5.	5.	4.	4.	4.	4.	4.	4.	0.	0.	0.	0.		205.
REPAIR	0.	8.	8.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	24.	24.
PARTS	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.
	24.	24.	24.	16.	16.	16.	16.	16.	16.	0.	0.	0.	0.		912.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	40.	40.	160.	160.	160.	160.	160.	160.	160.	160.	160.	160.	120.	120.
COSTS	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.	120.
	120.	120.	120.	80.	80.	80.	80.	80.	80.	0.	0.	0.	0.		4572.

HAT CREEK 600 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
760. 825B COMPACTOR

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
SITE AND PIT ROADS															
COST	0.	50.	50.	96.	84.	84.	84.	84.	78.	78.	78.	78.	78.	54.	54.
CENTER	54.	54.	54.	54.	54.	54.	54.	54.	48.	48.	48.	48.	48.	48.	48.
1100.	48.	48.	48.	36.	36.	36.	36.	36.	12.	0.	0.	0.	0.		2134.
COAL STOCKPILE & BLENDIN															
COST	0.	0.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.
CENTER	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.
6300.	60.	60.	60.	60.	60.	60.	60.	60.	60.	0.	0.	0.	0.		2220.
TOTAL	0.	50.	110.	156.	144.	144.	144.	144.	138.	138.	138.	138.	138.	114.	114.
SHIFTS	114.	114.	114.	114.	114.	114.	114.	114.	108.	108.	108.	108.	108.	108.	108.
	108.	108.	108.	96.	96.	96.	96.	96.	72.	0.	0.	0.	0.		4354.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	8.	18.	26.	24.	24.	24.	24.	23.	23.	23.	23.	23.	19.	19.
LABOUR	19.	19.	19.	19.	19.	19.	19.	19.	18.	18.	18.	18.	18.	18.	18.
	18.	18.	18.	16.	16.	16.	16.	16.	12.	0.	0.	0.	0.		728.
DIESEL	0.	5.	11.	15.	14.	14.	14.	14.	13.	13.	13.	13.	13.	11.	11.
FUEL	11.	11.	11.	11.	11.	11.	11.	11.	10.	10.	10.	10.	10.	10.	10.
	10.	10.	10.	9.	9.	9.	9.	9.	7.	0.	0.	0.	0.		420.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	1.	2.	3.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		73.
REPAIR	0.	3.	7.	9.	9.	9.	9.	9.	8.	8.	8.	8.	8.	7.	7.
LABOUR	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.
	7.	7.	7.	6.	6.	6.	6.	6.	4.	0.	0.	0.	0.		265.
SERVICE	0.	1.	1.	2.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
LABOUR	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		44.

WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		13.
TIRES	0.	2.	5.	7.	6.	6.	6.	6.	6.	6.	6.	6.	6.	5.	5.
	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
	5.	5.	5.	4.	4.	4.	4.	4.	3.	0.	0.	0.	0.		183.
REPAIR	0.	3.	6.	9.	8.	8.	8.	8.	8.	8.	8.	8.	8.	6.	6.
PARTS	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.
	6.	6.	6.	5.	5.	5.	5.	5.	4.	0.	0.	0.	0.		244.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	23.	50.	71.	65.	65.	65.	65.	62.	62.	62.	62.	62.	52.	52.
COSTS	52.	52.	52.	52.	52.	52.	52.	52.	49.	49.	49.	49.	49.	49.	49.
	49.	49.	49.	43.	43.	43.	43.	43.	33.	0.	0.	0.	0.		1969.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
765. COMPACTOR - VIBRATORY

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
SITE AND PIT ROADS															
COST	0.	40.	40.	48.	42.	42.	42.	42.	39.	39.	39.	39.	39.	27.	27.
CENTER	27.	27.	27.	27.	27.	27.	27.	27.	24.	24.	24.	24.	24.	24.	24.
1100.	24.	24.	24.	18.	18.	18.	18.	18.	6.	0.	0.	0.	0.		1097.
COAL STOCKPILE & BLENDIN															
COST	0.	0.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.
CENTER	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.	60.
6300.	60.	60.	60.	60.	60.	60.	60.	60.	60.	0.	0.	0.	0.		2220.
TOTAL	0.	40.	100.	108.	102.	102.	102.	102.	99.	99.	99.	99.	99.	87.	87.
SHIFTS	87.	87.	87.	87.	87.	87.	87.	87.	84.	84.	84.	84.	84.	84.	84.
	84.	84.	84.	78.	78.	78.	78.	78.	66.	0.	0.	0.	0.		3317.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	1.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	2.	2.
FUEL	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	0.	0.	0.	0.		85.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		19.
REPAIR	0.	3.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	6.	6.
LABOUR	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.
	6.	6.	6.	5.	5.	5.	5.	5.	5.	0.	0.	0.	0.		228.
SERVICE	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
LABOUR	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		34.

WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TIRES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	5.	13.	14.	13.	13.	13.	13.	13.	13.	13.	13.	13.	11.	11.
PARTS	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.
	11.	11.	11.	10.	10.	10.	10.	10.	9.	0.	0.	0.	0.		434.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	10.	24.	26.	25.	25.	25.	25.	24.	24.	24.	24.	24.	21.	21.
COSTS	21.	21.	21.	21.	21.	21.	21.	21.	20.	20.	20.	20.	20.	20.	20.
	20.	20.	20.	19.	19.	19.	19.	19.	16.	0.	0.	0.	0.		799.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
780. MOBILE CRUSHER

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
SITE AND PIT ROADS															
COST	0.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.
CENTER	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.
1100.	80.	80.	80.	80.	80.	80.	80.	80.	40.	0.	0.	0.	0.		3000.
TOTAL	0.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.
SHIFTS	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.
	80.	80.	80.	80.	80.	80.	80.	80.	40.	0.	0.	0.	0.		3000.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.
LABOUR	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.
	13.	13.	13.	13.	13.	13.	13.	13.	7.	0.	0.	0.	0.		501.
DIESEL	0.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.
FUEL	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.
	32.	32.	32.	32.	32.	32.	32.	32.	16.	0.	0.	0.	0.		1200.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.
LABOUR	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.
	13.	13.	13.	13.	13.	13.	13.	13.	6.	0.	0.	0.	0.		480.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

HAT CREEK 600 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
812. PICKUP - ASSIGNED

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
MINE TRANSPORTATION															
COST	3.	8.	12.	15.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.
CENTER	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.
2350.	18.	18.	18.	18.	18.	18.	18.	18.	11.	0.	0.	0.	0.		661.
TOTAL	3.	8.	12.	15.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.
SHIFTS	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.	18.
	18.	18.	18.	18.	18.	18.	18.	18.	11.	0.	0.	0.	0.		661.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
FUEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
GASOLINE	5.	14.	20.	26.	31.	31.	31.	31.	31.	31.	31.	31.	31.	31.	31.
	31.	31.	31.	31.	31.	31.	31.	31.	31.	31.	31.	31.	31.	31.	31.
	31.	31.	31.	31.	31.	31.	31.	31.	19.	0.	0.	0.	0.		1124.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	4.	10.	15.	19.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.
LABOUR	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.
	23.	23.	23.	23.	23.	23.	23.	23.	14.	0.	0.	0.	0.		826.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	2.	4.	6.	8.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.
	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.
	9.	9.	9.	9.	9.	9.	9.	9.	6.	0.	0.	0.	0.		331.
REPAIR	6.	16.	24.	30.	36.	36.	36.	36.	36.	36.	36.	36.	36.	36.	36.
PARTS	36.	36.	36.	36.	36.	36.	36.	36.	36.	36.	36.	36.	36.	36.	36.
	36.	36.	36.	36.	36.	36.	36.	36.	22.	0.	0.	0.	0.		1322.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	16.	44.	65.	82.	98.	98.	98.	98.	98.	98.	98.	98.	98.	98.	98.
COSTS	98.	98.	98.	98.	98.	98.	98.	98.	98.	98.	98.	98.	98.	98.	98.
	98.	98.	98.	98.	98.	98.	98.	98.	60.	0.	0.	0.	0.		3602.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
814. PICKUP - UNASSIGNED

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
MINE TRANSPORTATION															
COST	0.	4.	8.	10.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.
CENTER	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.
2350.	12.	12.	12.	12.	12.	12.	12.	12.	8.	0.	0.	0.	0.		438.
TOTAL	0.	4.	8.	10.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.
SHIFTS	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.
	12.	12.	12.	12.	12.	12.	12.	12.	8.	0.	0.	0.	0.		438.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
FUEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
GASOLINE	0.	40.	79.	99.	119.	119.	119.	119.	119.	119.	119.	119.	119.	119.	119.
	119.	119.	119.	119.	119.	119.	119.	119.	119.	119.	119.	119.	119.	119.	119.
	119.	119.	119.	119.	119.	119.	119.	119.	79.	0.	0.	0.	0.		4336.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	42.	84.	105.	126.	126.	126.	126.	126.	126.	126.	126.	126.	126.	126.
LABOUR	126.	126.	126.	126.	126.	126.	126.	126.	126.	126.	126.	126.	126.	126.	126.
	126.	126.	126.	126.	126.	126.	126.	126.	84.	0.	0.	0.	0.		4599.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	4.	8.	10.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.
	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.
	12.	12.	12.	12.	12.	12.	12.	12.	8.	0.	0.	0.	0.		438.
REPAIR	0.	48.	96.	120.	144.	144.	144.	144.	144.	144.	144.	144.	144.	144.	144.
PARTS	144.	144.	144.	144.	144.	144.	144.	144.	144.	144.	144.	144.	144.	144.	144.
	144.	144.	144.	144.	144.	144.	144.	144.	96.	0.	0.	0.	0.		5256.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	94.	187.	234.	281.	281.	281.	281.	281.	281.	281.	281.	281.	281.	281.
COSTS	281.	281.	281.	281.	281.	281.	281.	281.	281.	281.	281.	281.	281.	281.	281.
	281.	281.	281.	281.	281.	281.	281.	281.	187.	0.	0.	0.	0.		10249.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
816. 10 PASSENGER BUS

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL

EQUIPMENT SHIFTS BY COST CENTER

MINE TRANSPORTATION															
COST	0.	1.	1.	1.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
CENTER	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
2350.	2.	2.	2.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		72.
TOTAL	0.	1.	1.	1.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
SHIFTS	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		72.

COSTS BY COST COMPONENT
$000,S

OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
FUEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
GASOLINE	0.	3.	3.	3.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.
	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.
	7.	7.	7.	7.	7.	7.	7.	7.	3.	0.	0.	0.	0.		245.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	3.	3.	3.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
LABOUR	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
	5.	5.	5.	5.	5.	5.	5.	5.	3.	0.	0.	0.	0.		180.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	1.	1.	1.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		72.
REPAIR	0.	4.	4.	4.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
PARTS	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
	8.	8.	8.	8.	8.	8.	8.	8.	4.	0.	0.	0.	0.		288.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	11.	11.	11.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.
COSTS	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.
	22.	22.	22.	22.	22.	22.	22.	22.	11.	0.	0.	0.	0.		785.

HAT CREEK 600 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
818. 24 PASSENGER BUS

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
MINE TRANSPORTATION															
COST	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
CENTER	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
2350.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		36.
TOTAL	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
SHIFTS	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		36.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	0.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
FUEL	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	0.	0.	0.	0.	0.		83.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	0.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
LABOUR	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
	5.	5.	5.	5.	5.	5.	5.	5.	0.	0.	0.	0.	0.		180.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		36.
REPAIR	0.	0.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
PARTS	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
	5.	5.	5.	5.	5.	5.	5.	5.	0.	0.	0.	0.	0.		180.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	0.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.
COSTS	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.
	13.	13.	13.	13.	13.	13.	13.	13.	0.	0.	0.	0.	0.		479.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
822. 1 T FLATDECK

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
AUXILLIARY EQUIPMENT															
COST	1.	1.	1.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
CENTER	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
3090.	2.	2.	2.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		74.
TOTAL	1.	1.	1.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
SHIFTS	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		74.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
FUEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
GASOLINE	7.	7.	7.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.
	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.
	14.	14.	14.	14.	14.	14.	14.	14.	7.	0.	0.	0.	0.		518.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	3.	3.	3.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
LABOUR	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
	5.	5.	5.	5.	5.	5.	5.	5.	3.	0.	0.	0.	0.		185.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	1.	1.	1.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		74.
REPAIR	2.	2.	2.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
PARTS	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
	4.	4.	4.	4.	4.	4.	4.	4.	2.	0.	0.	0.	0.		148.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	13.	13.	13.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.
COSTS	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.
	25.	25.	25.	25.	25.	25.	25.	25.	13.	0.	0.	0.	0.		925.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
826. 3 T TRUCK WITH HIAB

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
AUXILLIARY EQUIPMENT															
COST	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
CENTER	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		35.
PIT DEWATERING * DRAINAG															
COST	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
CENTER	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3600.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		37.
TOTAL	0.	1.	1.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
SHIFTS	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	0.	0.	0.	0.	0.		72.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
FUEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
GASOLINE	0.	6.	6.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.
	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.
	12.	12.	12.	12.	12.	12.	12.	12.	0.	0.	0.	0.	0.		446.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	2.	2.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
LABOUR	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
	4.	4.	4.	4.	4.	4.	4.	4.	0.	0.	0.	0.	0.		151.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TIRES	0.	1.	1.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
	3.	3.	3.	3.	3.	3.	3.	3.	0.	0.	0.	0.	0.		94.
REPAIR	0.	2.	2.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
PARTS	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
	3.	3.	3.	3.	3.	3.	3.	3.	0.	0.	0.	0.	0.		122.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	11.	11.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.
COSTS	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.	23.
	23.	23.	23.	23.	23.	23.	23.	23.	0.	0.	0.	0.	0.		814.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
830. 5 T SERVICE TRUCK

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL

EQUIPMENT SHIFTS BY COST CENTER

AUXILLIARY EQUIPMENT															
COST	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
CENTER	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		37.
TOTAL	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
SHIFTS	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		37.

COSTS BY COST COMPONENT
$000,S

OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	0.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.
FUEL	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.
	6.	6.	6.	6.	6.	6.	6.	6.	6.	0.	0.	0.	0.		229.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	0.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
LABOUR	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
	3.	3.	3.	3.	3.	3.	3.	3.	3.	0.	0.	0.	0.		118.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	0.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	0.	0.	0.	0.		74.
REPAIR	0.	0.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
PARTS	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
	3.	3.	3.	3.	3.	3.	3.	3.	3.	0.	0.	0.	0.		93.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	0.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.
COSTS	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.
	14.	14.	14.	14.	14.	14.	14.	14.	14.	0.	0.	0.	0.		514.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
834. TIRE TRUCK

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
AUXILLIARY EQUIPMENT															
COST	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
CENTER	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		38.
TOTAL	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
SHIFTS	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		38.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
FUEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
GASOLINE	0.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
	3.	3.	3.	3.	3.	3.	3.	3.	3.	0.	0.	0.	0.		118.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
LABOUR	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		38.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		23.
REPAIR	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
PARTS	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		32.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.
COSTS	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.
	6.	6.	6.	6.	6.	6.	6.	6.	6.	0.	0.	0.	0.		211.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
838. FUEL TRUCK

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
FIELD LUBE & FUELING															
COST	0.	140.	280.	490.	490.	490.	490.	735.	735.	735.	735.	735.	735.	735.	735.
CENTER	735.	735.	735.	735.	735.	735.	735.	735.	735.	735.	735.	735.	735.	735.	735.
2400.	735.	735.	735.	735.	735.	735.	735.	735.	490.	0.	0.	0.	0.		25655.
TOTAL	0.	140.	280.	490.	490.	490.	490.	735.	735.	735.	735.	735.	735.	735.	735.
SHIFTS	735.	735.	735.	735.	735.	735.	735.	735.	735.	735.	735.	735.	735.	735.	735.
	735.	735.	735.	735.	735.	735.	735.	735.	490.	0.	0.	0.	0.		25655.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	3.	6.	10.	10.	10.	10.	15.	15.	15.	15.	15.	15.	15.	15.
FUEL	15.	15.	15.	15.	15.	15.	15.	15.	15.	15.	15.	15.	15.	15.	15.
	15.	15.	15.	15.	15.	15.	15.	15.	10.	0.	0.	0.	0.		523.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	6.	11.	20.	20.	20.	20.	29.	29.	29.	29.	29.	29.	29.	29.
LABOUR	29.	29.	29.	29.	29.	29.	29.	29.	29.	29.	29.	29.	29.	29.	29.
	29.	29.	29.	29.	29.	29.	29.	29.	20.	0.	0.	0.	0.		1026.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	1.	1.	2.	2.	2.	2.	3.	3.	3.	3.	3.	3.	3.	3.
	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
	3.	3.	3.	3.	3.	3.	3.	3.	2.	0.	0.	0.	0.		118.
REPAIR	0.	5.	10.	17.	17.	17.	17.	25.	25.	25.	25.	25.	25.	25.	25.
PARTS	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.	25.
	25.	25.	25.	25.	25.	25.	25.	25.	17.	0.	0.	0.	0.		872.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	14.	28.	49.	49.	49.	49.	73.	73.	73.	73.	73.	73.	73.	73.
COSTS	73.	73.	73.	73.	73.	73.	73.	73.	73.	73.	73.	73.	73.	73.	73.
	73.	73.	73.	73.	73.	73.	73.	73.	49.	0.	0.	0.	0.		2540.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
842. LUBE TRUCK

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
FIELD LUBE & FUELING															
COST	0.	140.	280.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.
CENTER	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.
2400.	490.	490.	490.	490.	490.	490.	490.	490.	350.	0.	0.	0.	0.		17920.
TOTAL	0.	140.	280.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.
SHIFTS	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.	490.
	490.	490.	490.	490.	490.	490.	490.	490.	350.	0.	0.	0.	0.		17920.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
FUEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
GASOLINE	0.	2.	5.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
	8.	8.	8.	8.	8.	8.	8.	8.	6.	0.	0.	0.	0.		305.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	4.	7.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.
LABOUR	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.
	13.	13.	13.	13.	13.	13.	13.	13.	9.	0.	0.	0.	0.		466.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	0.	1.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		56.
REPAIR	0.	3.	6.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
PARTS	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
	10.	10.	10.	10.	10.	10.	10.	10.	7.	0.	0.	0.	0.		358.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	9.	19.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.
COSTS	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.
	32.	32.	32.	32.	32.	32.	32.	32.	23.	0.	0.	0.	0.		1185.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
846. LINE TRUCK

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
AUXILLIARY EQUIPMENT															
COST	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
CENTER	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		36.
TOTAL	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
SHIFTS	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		36.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
FUEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
GASOLINE	0.	0.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	0.	0.	0.	0.	0.		74.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
LABOUR	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		20.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		14.
REPAIR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		14.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	0.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
COSTS	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
	3.	3.	3.	3.	3.	3.	3.	3.	0.	0.	0.	0.	0.		122.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
862. LO-BOY TRACTOR TRAILER

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL

EQUIPMENT SHIFTS BY COST CENTER

AUXILLIARY EQUIPMENT															
COST	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
CENTER	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		36.
TOTAL	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
SHIFTS	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		36.

COSTS BY COST COMPONENT
$000,S

OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	0.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
FUEL	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
	5.	5.	5.	5.	5.	5.	5.	5.	0.	0.	0.	0.	0.		184.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	0.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.
LABOUR	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.
	7.	7.	7.	7.	7.	7.	7.	7.	0.	0.	0.	0.	0.		259.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	0.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
	4.	4.	4.	4.	4.	4.	4.	4.	0.	0.	0.	0.	0.		130.
REPAIR	0.	0.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.
PARTS	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.
	6.	6.	6.	6.	6.	6.	6.	6.	0.	0.	0.	0.	0.		202.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	0.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.
COSTS	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.
	22.	22.	22.	22.	22.	22.	22.	22.	0.	0.	0.	0.	0.		774.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
866. HI-BOY TRAILER

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
AUXILLIARY EQUIPMENT															
COST	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
CENTER	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		36.
TOTAL	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
SHIFTS	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		36.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
FUEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	0.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	0.	0.	0.	0.	0.		72.
REPAIR	0.	0.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
PARTS	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	0.	0.	0.	0.	0.		72.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	0.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
COSTS	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
	4.	4.	4.	4.	4.	4.	4.	4.	0.	0.	0.	0.	0.		144.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
910. 75 T CRANE

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
AUXILLIARY EQUIPMENT															
COST	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
CENTER	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		37.
TOTAL	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
SHIFTS	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		37.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
FUEL	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		44.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
LABOUR	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
	8.	8.	8.	8.	8.	8.	8.	8.	0.	0.	0.	0.	0.		296.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		15.
REPAIR	0.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
PARTS	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
	3.	3.	3.	3.	3.	3.	3.	3.	0.	0.	0.	0.	0.		104.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
COSTS	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
	8.	8.	8.	8.	8.	8.	8.	8.	0.	0.	0.	0.	0.		311.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
912. 45 T CRANE

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SHIFTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
FUEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TIRES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
COSTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
914. 15 T CRANE

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
AUXILLIARY EQUIPMENT															
COST	0.	1.	1.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
CENTER	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
3090.	2.	2.	2.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		73.
TOTAL	0.	1.	1.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
SHIFTS	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	1.	0.	0.	0.	0.		73.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	2.	2.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
FUEL	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
	3.	3.	3.	3.	3.	3.	3.	3.	2.	0.	0.	0.	0.		117.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	4.	4.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.
LABOUR	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.
	9.	9.	9.	9.	9.	9.	9.	9.	4.	0.	0.	0.	0.		321.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		35.
REPAIR	0.	2.	2.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
PARTS	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
	4.	4.	4.	4.	4.	4.	4.	4.	2.	0.	0.	0.	0.		161.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	9.	9.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.
COSTS	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.
	17.	17.	17.	17.	17.	17.	17.	17.	9.	0.	0.	0.	0.		634.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
922. 5 T FORKLIFT

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
AUXILLIARY EQUIPMENT															
COST	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
CENTER	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		38.
TOTAL	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
SHIFTS	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		38.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
FUEL	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	0.	0.	0.	0.		57.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
LABOUR	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	0.	0.	0.	0.		68.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		15.
REPAIR	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
PARTS	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		53.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
COSTS	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
	5.	5.	5.	5.	5.	5.	5.	5.	5.	0.	0.	0.	0.		194.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
924. 3 T FORKLIFT

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
AUXILLIARY EQUIPMENT															
COST	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
CENTER	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		36.
TOTAL	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
SHIFTS	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		36.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
FUEL	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		36.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
LABOUR	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		40.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		7.
REPAIR	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
PARTS	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.		32.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	0.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
COSTS	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
	3.	3.	3.	3.	3.	3.	3.	3.	0.	0.	0.	0.	0.		115.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
952. COMPRESSOR 17 CM/MIN

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
AUXILLIARY EQUIPMENT															
COST	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
CENTER	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		38.
TOTAL	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
SHIFTS	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		38.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
FUEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
GASOLINE	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		35.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
LABOUR	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		50.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		3.
REPAIR	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
PARTS	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		27.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
COSTS	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	0.	0.	0.	0.		78.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
957. WELDER - 300 AMP

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL

EQUIPMENT SHIFTS BY COST CENTER

AUXILLIARY EQUIPMENT															
COST	0.	1.	3.	3.	3.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
CENTER	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
3090.	5.	5.	5.	5.	5.	5.	5.	5.	3.	0.	0.	0.	0.		178.
TOTAL	0.	1.	3.	3.	3.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
SHIFTS	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
	5.	5.	5.	5.	5.	5.	5.	5.	3.	0.	0.	0.	0.		178.

COSTS BY COST COMPONENT
$000,S

OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	3.	8.	8.	8.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.
FUEL	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.
	13.	13.	13.	13.	13.	13.	13.	13.	8.	0.	0.	0.	0.		472.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	1.	3.	3.	3.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
LABOUR	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
	5.	5.	5.	5.	5.	5.	5.	5.	3.	0.	0.	0.	0.		178.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		36.
REPAIR	0.	1.	3.	3.	3.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
PARTS	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.
	5.	5.	5.	5.	5.	5.	5.	5.	3.	0.	0.	0.	0.		178.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	5.	15.	15.	15.	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.
COSTS	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.	24.
	24.	24.	24.	24.	24.	24.	24.	24.	15.	0.	0.	0.	0.		863.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
962. STEAM CLEANER

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
AUXILLIARY EQUIPMENT															
COST	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
CENTER	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
3090.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		38.
TOTAL	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
SHIFTS	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		38.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
FUEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
GASOLINE	0.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
	2.	2.	2.	2.	2.	2.	2.	2.	2.	0.	0.	0.	0.		94.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
LABOUR	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		50.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		20.
REPAIR	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
PARTS	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.
	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.		52.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.
COSTS	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.
	6.	6.	6.	6.	6.	6.	6.	6.	6.	0.	0.	0.	0.		216.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
967. GENERATOR - 50 KW

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SHIFTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
FUEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TIRES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
COSTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
972. LITE TONERS

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL

EQUIPMENT SHIFTS BY COST CENTER

AUXILLIARY EQUIPMENT															
COST	0.	2.	2.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
CENTER	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
3090.	4.	4.	4.	4.	4.	4.	4.	4.	2.	0.	0.	0.	0.		146.
TOTAL	0.	2.	2.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
SHIFTS	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.
	4.	4.	4.	4.	4.	4.	4.	4.	2.	0.	0.	0.	0.		146.

COSTS BY COST COMPONENT
$000,S

OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
FUEL	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
GASOLINE	0.	9.	9.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.
	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.	17.
	17.	17.	17.	17.	17.	17.	17.	17.	9.	0.	0.	0.	0.		621.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	10.	10.	20.	20.	20.	20.	20.	20.	20.	20.	20.	20.	20.	20.
LABOUR	20.	20.	20.	20.	20.	20.	20.	20.	20.	20.	20.	20.	20.	20.	20.
	20.	20.	20.	20.	20.	20.	20.	20.	10.	0.	0.	0.	0.		730.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	11.	11.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.
PARTS	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.	22.
	22.	22.	22.	22.	22.	22.	22.	22.	11.	0.	0.	0.	0.		818.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	30.	30.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.
COSTS	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.
	59.	59.	59.	59.	59.	59.	59.	59.	30.	0.	0.	0.	0.		2168.

HAT CREEK 600 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
982. PUMP - DIESEL

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
EQUIPMENT SHIFTS BY COST CENTER															
PIT DEWATERING * DRAINAG															
COST	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	5.	5.
CENTER	5.	5.	5.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.
3600.	7.	7.	7.	5.	5.	5.	5.	5.	5.	0.	0.	0.	0.		212.
TOTAL	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	5.	5.
SHIFTS	5.	5.	5.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.
	7.	7.	7.	5.	5.	5.	5.	5.	5.	0.	0.	0.	0.		212.
COSTS BY COST COMPONENT $000,S															
OPERATING	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
DIESEL	16.	16.	16.	16.	16.	16.	16.	16.	16.	16.	16.	16.	16.	20.	20.
FUEL	20.	20.	20.	28.	28.	28.	28.	28.	28.	28.	28.	28.	28.	28.	28.
	28.	28.	28.	20.	20.	20.	20.	20.	20.	0.	0.	0.	0.		852.
GASOLINE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
POWER	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
LUBES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	15.	15.
LABOUR	15.	15.	15.	21.	21.	21.	21.	21.	21.	21.	21.	21.	21.	21.	21.
	21.	21.	21.	15.	15.	15.	15.	15.	15.	0.	0.	0.	0.		630.
SERVICE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
LABOUR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
WEAR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PARTS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TIRES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	15.	15.	15.	15.	15.	15.	15.	15.	15.	15.	15.	15.	15.	19.	19.
PARTS	19.	19.	19.	27.	27.	27.	27.	27.	27.	27.	27.	27.	27.	27.	27.
	27.	27.	27.	19.	19.	19.	19.	19.	19.	0.	0.	0.	0.		820.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	43.	43.	43.	43.	43.	43.	43.	43.	43.	43.	43.	43.	43.	54.	54.
COSTS	54.	54.	54.	76.	76.	76.	76.	76.	76.	76.	76.	76.	76.	76.	76.
	76.	76.	76.	54.	54.	54.	54.	54.	54.	0.	0.	0.	0.		2302.

HAT CREEK 800 MW PLANT
MOBILE EQUIPMENT COSTS
SHIFTS AND DOLLARS BY MOBILE UNIT
999. TOTAL MOBILE EQUIPMENT

YEAR	-3	-2	-1	1	2	3	4	5	6	7	8	9	10	11	12
	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36	37	38	39	40		TOTAL
OPERATING	0.	853.	1390.	2166.	3009.	3143.	3412.	3118.	3124.	3479.	2651.	2860.	2678.	2536.	2387.
LABOUR	2405.	2232.	1976.	2117.	2132.	2113.	2187.	2157.	1969.	1957.	1941.	2098.	2089.	2049.	1995.
	2040.	2128.	1863.	1561.	1527.	1344.	1297.	1285.	593.	0.	0.	0.	0.		81861.
DIESEL	16.	556.	900.	1329.	1779.	1864.	2034.	1858.	1866.	2088.	1567.	1699.	1580.	1528.	1435.
FUEL	1447.	1335.	1170.	1274.	1285.	1273.	1321.	1302.	1176.	1169.	1157.	1262.	1254.	1244.	1208.
	1240.	1297.	1123.	954.	935.	816.	790.	782.	362.	0.	0.	0.	0.		49278.
GASOLINE	12.	87.	138.	188.	216.	216.	216.	216.	216.	216.	216.	216.	216.	216.	216.
	216.	216.	216.	216.	216.	216.	216.	216.	216.	216.	216.	216.	216.	216.	216.
	216.	216.	216.	216.	216.	216.	216.	216.	129.	0.	0.	0.	0.		7915.
POWER	0.	12.	29.	55.	88.	93.	103.	91.	91.	104.	75.	83.	77.	72.	66.
	66.	61.	53.	56.	56.	55.	58.	57.	51.	50.	50.	55.	56.	50.	48.
	49.	53.	46.	41.	40.	36.	34.	34.	14.	0.	0.	0.	0.		2208.
LUBES	0.	82.	144.	228.	322.	339.	373.	337.	339.	383.	281.	307.	284.	276.	257.
	260.	238.	205.	225.	227.	224.	235.	230.	205.	204.	201.	223.	222.	218.	210.
	216.	229.	196.	165.	162.	139.	133.	131.	56.	0.	0.	0.	0.		8709.
REPAIR	18.	590.	1002.	1539.	2074.	2164.	2339.	2157.	2158.	2389.	1858.	1995.	1878.	1799.	1701.
LABOUR	1713.	1601.	1439.	1537.	1546.	1533.	1583.	1563.	1440.	1431.	1421.	1527.	1522.	1493.	1456.
	1486.	1546.	1379.	1205.	1184.	1071.	1042.	1034.	510.	0.	0.	0.	0.		58923.
SERVICE	0.	45.	76.	119.	166.	174.	190.	173.	173.	194.	146.	158.	147.	140.	131.
LABOUR	132.	122.	107.	116.	116.	115.	120.	118.	107.	106.	105.	114.	114.	112.	109.
	112.	117.	101.	85.	83.	72.	70.	69.	30.	0.	0.	0.	0.		4485.
WEAR	0.	138.	190.	261.	344.	353.	378.	344.	343.	382.	289.	310.	293.	250.	236.
PARTS	237.	222.	201.	197.	197.	196.	200.	198.	182.	181.	181.	188.	189.	179.	177.
	178.	182.	158.	125.	124.	109.	103.	102.	45.	0.	0.	0.	0.		8159.
TIRES	3.	173.	338.	548.	764.	805.	882.	807.	808.	904.	684.	742.	690.	689.	645.
	652.	600.	525.	585.	591.	584.	610.	600.	541.	538.	531.	587.	583.	578.	559.
	576.	606.	530.	457.	447.	393.	380.	376.	165.	0.	0.	0.	0.		22076.
REPAIR	23.	746.	1347.	2167.	3041.	3196.	3501.	3182.	3205.	3603.	2699.	2936.	2732.	2682.	2510.
PARTS	2532.	2333.	2053.	2239.	2257.	2233.	2326.	2288.	2074.	2058.	2039.	2235.	2225.	2184.	2116.
	2172.	2282.	1992.	1739.	1703.	1509.	1459.	1444.	689.	0.	0.	0.	0.		85752.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.

TOTAL	72.	3243.	5476.	8503.	11684.	12228.	13311.	12164.	12205.	13625.	10347.	11189.	10459.	10070.	9467.
COSTS	9542.	8841.	7826.	8442.	8505.	8424.	8737.	8609.	7844.	7793.	7725.	8389.	8352.	8206.	7975.
	8167.	8538.	7486.	6430.	6303.	5587.	5406.	5356.	2516.	0.	0.	0.	0.		325042.

TIRES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
REPAIR	0.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.
PARTS	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.
	13.	13.	13.	13.	13.	13.	13.	13.	6.	0.	0.	0.	0.		480.
MAINTENANCE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OVERHEAD	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
OUTSIDE	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SERVICES	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.
TOTAL	0.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.
COSTS	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.	77.
	77.	77.	77.	77.	77.	77.	77.	77.	39.	0.	0.	0.	0.		2901.

APPENDIX A

Section A.2

HAT CREEK PROJECT

MINING DEPARTMENT

CAPITAL COST ESTIMATE

800 MW PLANT

800 MW

CAPITAL COST SUMMARY

91000	SITE AND IMPROVEMENTS	$ 38,632.0
92000	MAINTENANCE, SERVICE AND ADMINISTRATION	23,607.4
93000	MINING	3,397.5
94000	CRUSHING AND CONVEYING	5,564.0
95000	SECONDARY SCREENING AND CRUSHING	8,447.5
96000	COAL BLENDING AND DELIVERY	28,571.9
97000	in 99000	
98000	CONSTRUCTION INDIRECTS	26,273.4
99000	MOBILE EQUIPMENT	105,072.6
	CONTINGENCY	23,956.3
		$263,522.6

PRE-PRODUCTION PERIOD

MSI	1986	1987	1988	1989	1990	1991
	-6	-5	-4	-3	-2	-1
91000			2020.0	15666.8	11786.0	459.8
92000			200.0	5945.1	13762.3	3000.0
93000				285.0	1341.3	335.0
94000			100.0	200.0	984.0	4280.0
95000				1000.0	4183.6	3263.9
96000				7282.1	14857.8	6432.0
98000		630.0	8862.2	5109.2	5975.6	5696.4
99000				93.7	13770.7	6992.6
SUBTOTAL		630.00	11882.2	35581.9	66661.3	30459.7
ONTINGENCY		63.0	1188.2	3558.2	6666.1	3046.0
TOTAL		693.0	13070.4	39140.1	73327.4	33505.7

PRODUCTION PERIOD

MSI	1992	1993	1994	1995	1996	1997
	1	2	3	4	5	6
91000	133.6		102.9			
92000						
93000	424.9	41.3	22.3	15.8	27.6	
94000						
95000						
96000						
98000						
99000	9054.0	5408.7	1968.6	2450.3	1547.1	1057.6
SUBTOTAL	9612.5	5450.0	2093.8	2466.1	1574.7	1057.6
ONTINGENCY	961.2	545.0	209.4	246.6	157.5	105.8
TOTAL	10573.7	5995.0	2303.2	2712.7	1732.2	1163.4

PRODUCTION PERIOD

MSI	1998	1999	2000	2001	2002	2003
	7	8	9	10	11	12
91000				437.0		
92000						
93000				16.2	780.0	
94000						
95000						
96000						
98000						
99000	2233.4	354.9	5484.2	5844.2	2339.8	1147.5
SUB TOTAL	2233.4	354.9	5484.2	6297.4	3119.8	1147.5
CONTINGENCY	223.3	35.5	548.4	629.7	312.0	114.7
TOTAL	2456.7	390.4	6032.6	6927.1	3431.8	1262.2

PRODUCTION PERIOD

MSI	2004	2005	2006	2007	2008	2009
	13	14	15	16	17	18
91000			25.9			
92000						
93000			46.6			
94000						
95000						
96000						
98000						
99000	5932.0	1123.8	842.0	6115.1	2654.9	1970.9
SUBTOTAL	5932.0	1123.8	914.5	6115.1	2654.9	1970.9
CONTINGENCY	593.2	112.4	91.5	611.5	265.5	197.1
TOTAL	6525.2	1236.2	1006.0	6726.6	2920.4	2168.0

PRODUCTION PERIOD

MSI	2010	2011	2012	2013	2014	2015
	19	20	21	22	23	24
91000						
92000						
93000						
94000						
95000						
96000						
98000						
99000	1761.7	851.1	1931.4	614.0	2675.0	3862.4
SUBTOTAL	1761.7	851.1	1931.4	614.0	2675.0	3862.4
CONTINGENCY	176.2	85.1	193.1	61.4	267.5	386.2
TOTAL	1937.9	936.2	2124.5	675.4	2942.5	4248.6

PRODUCTION PERIOD

MSI	2016	2017	2018	2019	2020	2021
	25	26	27	28	29	30
91000						
92000						
93000	8.9					
94000						
95000						
96000						
98000						
99000	6895.0	739.5	816.5	1059.4	1445.5	1265.2
SUBTOTAL	6903.9	739.5	816.5	1059.4	1445.5	1265.2
CONTINGENCY	690.4	73.9	81.6	105.9	144.5	126.5
TOTAL	7594.3	813.4	898.1	1165.3	1590.0	1391.7

PRODUCTION PERIOD

MSI	2022	2023	2024	2025	2026	2027
	31	32	33	34	35	36
91000						
92000						
93000						52.6
94000						
95000						
96000						
98000						
99000	1167.0	353.7	245.1	693.3	212.0	98.8
SUBTOTAL	1167.0	353.7	245.1	693.3	212.0	151.4
CONTINGENCY	116.7	35.4	24.5	69.3	21.2	15.1
TOTAL	1283.7	389.1	269.6	762.6	233.2	166.5

PRODUCTION PERIOD

MSI	2028	2029	2030	2031		
	37	38	39	40		TOTAL
91000	8000.0					38632.0
92000						23607.4
93000						3397.5
94000						5564.0
95000						8447.5
96000						28571.9
98000						26273.4
99000						105072.6
SUBTOTAL	8000.0					239566.3
CONTINGENCY	800.0					23956.3
TOTAL	8800.0					263522.6

		LABOUR	OTHER	TOTAL
91000	SITE AND IMPROVEMENTS			
91100	SITE ROADS			
	6 km @ $248,000/km	476.1	1,011.9	1,488.0
	6 km Pit Perimeter Service Road and Ditch @ $70,000/km	134.4	285.6	420.0
	Design and Engineering Allowance		80.0	80.0
	2,926 Mandays	610.5	1,377.5	1,988.0
91200	POWER DISTRIBUTION			
91210	Temporary Power Distribution			
	Construction Power Included in 98440 Inpit Power Included in 93700			
91220	(A) Permanent Power Distribution			
	69 kV Double Circuit to Point A $128,700 x 4.5 km	52.6	526.6	579.2
	69 kV Pit Perimeter Distribution			
	Year -2, 2,530 m @ $81,000/km	18.7	186.2	204.9
	Year 1, 1,650 m @ $81,000/km	12.2	121.4	133.6
	*Year 3, 1,270 m @ $81,000/km	9.4	93.5	102.9
	*Year 15, 320 m @ $81,000/km	2.4	23.5	25.9
	(B) Permanent Substations			
	Overland Conveyor to Powerplant	114.9	344.9	459.8
	to Blending Area	175.5	526.3	701.8
	Maintenance Area	175.5	526.3	701.8
	(C) Secondary Distribution			
	Maintenance Complex 2,500 m @ $45.00/m	33.7	78.8	112.5
	(D) Secondary Transformers			
	Maintenance Area 4 Secondary Substations	91.4	365.2	456.6
	(E) Escalation			
	9% on Item (B)	35.4	132.3	167.7

		LABOUR	OTHER	TOTAL
	(G) Design and Engineering Allowance		90.0	90.0
	*Excluded from Manpower Calculation			
	3.402 Mandays	721.7	3,015.0	3,736.7
91300	FIRE AND POTABLE WATER SUPPLY AND DISTRIBUTION			
91310	Groundwater Wells		In Offsites	
91320	Reservoir Pipeline		In Offsites	
91330	Firewater Distribution			
	2,000 m @ $208/m	145.6	270.4	416.0
	Storage 200,000 gals	7.0	63.5	70.5
91340	Potable Water Distribution			
	2,000 m @ $208/m	145.6	270.4	416.0
	Design and Engineering Allowance		80.0	80.0
	1,429 Mandays	298.2	684.3	982.5
91400	SEWERAGE COLLECTION AND TREATMENT			
91410	Sewerage Collection			
	(8") 1,400 m @ $160/m	56.0	168.0	224.0
91420	Sewerage Treatment			
	Treatment Plant	5.0	100.0	105.0
	Civil Work 500 m^3 @ $5.00/$m^3$	0.5	2.0	2.5
	(8") Disposal 200 m @ $60/m	8.0	24.0	32.0
	Design and Engineering Allowance		60.0	60.0
	333 Mandays	69.5	354.0	423.5
91500	WASTE WATER TREATMENT AND DISPOSAL			
91510	North Valley, Leachate Pond			
	Clear & Grub 9 ha @ $5,000	20.2	24.8	45.0
	Fill 100,000 m^3 @ $3.50	126.0	224.0	350.0
	Plastic Lining 60,000 m^2 @ $12.00	115.2	604.8	720.0

		LABOUR	OTHER	TOTAL
	Earth Fill Dam Walls 46,000 @ $6.75	1,055.7	2,049.3	3,105.0
	Fill Erosion Gaps 200,000 m^3 @ $6.50	455.0	845.0	1,300.0
	Concrete Box, Pipe Inlet and Valve System (Allowance)	87.5	162.5	250.0
	Design and Engineering Allowance		125.0	125.0
	8,912 Mandays	1,859.6	4,035.4	5,895.0
91520	North Sedimentation Lagoons			
	Clear and Grub 25 acres @ $2,000	22.5	27.5	50.0
	Cut a trench 24,000 m^3 @ $7.50	54.0	126.0	180.0
	Fill Dam Walls 192,000 m^3 @ $6.75	440.6	855.4	1,296.0
	Clay Core 8,640 m^3 @ $8.00	25.6	43.5	69.1
	Sidewalls 180,000 m^3 @ $6.75	413.1	801.9	1,215.0
	Till Seal Dam Base 20,000 m^3 @ $7.75	65.1	89.9	155.0
	Concrete Weir Allowance 1,000 m^3 @ $350/$m^3$	108.5	241.5	350.0
	Rip Rap 25,000 m^3 @ $17.00	195.5	229.5	425.0
	Spillway Excavation 16,000 m^3 @ $4.00	26.9	37.1	64.0
	Clay Till Canal Lining 5,500 m^3 @ $10.00	28.6	26.4	55.0
	Design and Engineering Allowance		85.0	85.0
	6,616 Mandays	1,380.4	2,563.7	3,944.1
91600	DRAINAGE			
91610	Mine Services Drainage			
	(24") Storm Sewers 1,700 m @ $240	102.0	306.0	408.0
	Manholes 6 @ $1,500 each	3.0	6.0	9.0
91620	Pit Surface Water Collection System	Mine Operating Costs		
91630	Pit Bottom Drainage System	Mine Operating Costs		
91640	Hat Creek Diversion (Including 91650 - Finney Creek Diversion)			
	Initial	2,616.3	7,848.7	10,465.0
	*Year 10	109.3	327.7	437.0
	Diversion Abandonment (Year 40)		8,000.0	8,000.0

		LABOUR	OTHER	TOTAL
91660	North Perimeter Diversion Drain			
	3 km @ $26,000 per km	35.0	43.0	78.0
91670	West Perimeter Diversion Drain			
	3.2 km @ $26,000 per km	34.7	45.8	83.2
91680	North & South Slide Diversion Drains			
	4.6 km @ $26,000 per km	53.8	65.8	119.6
91690	South West Diversion Drains			
	2.4 km @ $26,000 per km	28.1	34.3	62.4
	Design and Engineering Allowance		2,000.0	2,000.0
	*Excluded from Manpower Calculations			
	13,279 Mandays	2,984.9	18,677.3	21,662.2

Revision 1

PRE-PRODUCTION PERIOD

MSI	1986	1987	1988	1989	1990	1991
	-6	-5	-4	-3	-2	-1
91100			80.0	1,700.0	208.0	
91220			90.0	1,393.5	1,531.0	459.8
91300			80.0	902.5		
91400			60.0	363.5		
91510			125.0	2,885.0	2,885.0	
91520			85.0	1,929.6	1,929.5	
91600			1,500.0	500.0		
91610				417.0		
91640				5,232.5	5,232.5	
91660				78.0		
91670				83.2		
91680				119.6		
91690				62.4		
91000			2,020.0	15,666.8	11,786.0	459.8

Revision 1

PRODUCTION PERIOD

MSI	1992	1993	1994	1995	1996	1997
	1	2	3	4	5	6
91100						
91220	133.6		102.9			
91300						
91400						
91510						
91520						
91600						
91610						
91640						
91660						
91670						
91680						
91690						
91000	133.6		102.9			

Revision 1

PRODUCTION PERIOD

MSI	1998	1999	2000	2001	2002	2003
	7	8	9	10	11	12
91100						
91220						
91300						
91400						
91510						
91520						
91600						
91610						
91640				437.0		
91660						
91670						
91680						
91690						
91000				437.0		

Revision 1

PRODUCTION PERIOD

MSI	2004	2005	2006	2007	2008	2009
	13	14	15	16	17	18
91100						
91220			25.9			
91300						
91400						
91510						
91520						
91600						
91610						
91640						
91660						
91670						
91680						
91690						
91000			25.9			

Revision 1

PRODUCTION PERIOD

MSI	2028	2029	2030	2031		
	37	38	39	40		TOTAL
91100						1,988.0
91220						3,736.7
91300						982.5
91400						423.5
91510						5,895.0
91520						3,944.1
91600						2,000.0
91610						417.0
91640	8,000.0					18,902.0
91660						78.0
91670						83.2
91680						119.6
91690						62.4
91000	8,000.0					38,632.0

	LABOUR	OTHER	TOTAL
92000 MAINTENANCE, SERVICE & ADMINISTRATION			
92100 ADMINISTRATION BUILDING			
1,300 m^2 @ \$1,076/m^2	466.7	933.3	1,400.0
92110 Gate House			
74 m^2 @ \$860/m^2	21.3	42.7	64.0
92200 MAINTENANCE COMPLEX			
92210 Truck Repair Shop			
1,100 m^2 @ \$1,345/m^2	493.3	986.7	1,480.0
92220 Tractor Repair Bays			
776 m^2 @ \$1,184/m^2	306.7	613.3	920.0
92230 Auto Repair Bays			
382 m^2 @ \$1,076/m^2	137.0	274.0	411.0
92240 - 92270 Shops			
2,350 m^2 @ \$968/m^2	758.7	1,517.3	2,276.0
92280 Warehouses			
1,800 m^2 @ \$807/m^2	484.3	968.7	1,453.0
92281 Initial Parts Inventory		6,000.0	6,000.0
92290 Other Maintenance Complex Facilities			
1,300 m^2 @ \$1,033/m^3	415.7	831.3	1,247.0
92300 MINE SERVICES BUILDING			
900 m^2 @ \$968/m^2	290.0	580.0	870.0
92400 FIELD MAINTENANCE CENTRE			
250 m^2 @ \$915/m^2	76.3	152.7	229.0
92500 RUBBER REPAIR SHOP			
300 m^2 @ \$915/m^2	91.7	183.3	275.0
92600 LABORATORIES			
500 m^2 @ \$1,076/m^2	179.3	358.7	538.0

		LABOUR	OTHER	TOTAL
92700	STORAGE FACILITIES			
92710	Lube Storage			
	120 m^2 @ \$700/m^2	27.7	55.3	83.0
92720	Fuel Storage			
	To be furnished in supply contract.			
92730	Yard Storage			
	Included in Mine Service Area Preparation			
92800	MINE DRY			
	1,450 m^2 @ \$1,184/m^2	571.7	1,143.3	1,715.0
92900	MINE SERVICE AREA SITE PREPARATION			
	Clear and grub 12 ha @ \$5,000	27.0	33.0	60.0
	Cut, haul and level 400,000 m^3 @ \$1.90	250.8	509.2	760.0
	Topping 30,000 m^3 @ \$7.75	97.7	134.8	232.5
	Fill, grade and compact 400,000 m^3 @ \$2.10	285.6	554.4	840.0
	Bitumen surface 7,000 m^2 @ \$4.00	7.6	20.4	28.0
	Drainage ditch 2.8 m^2 2,400 m @ \$7.40	5.2	12.6	17.8
	Culvert 250 m @ \$170/m	17.1	25.6	42.7
	700 m @ \$330/m	67.0	164.0	231.0
	Provincial Sales Tax @ 6% (buildings)		518.4	518.4
	Federal Sales Tax @ 5% (on 50% buildings)		216.0	216.0
	Design Allowance		1,700.0	1,700.0
	24,340 Mandays	5,078.4	18,529.0	23,607.4

Revision 1

PRE-PRODUCTION PERIOD

MSI	1986	1987	1988	1989	1990	1991
	-6	-5	-4	-3	-2	-1
92000			900.0	800.0		
92100				366.0	1,098.0	
92210				370.0	1,110.0	
92220				230.0	690.0	
92230				102.8	308.2	
92240				569.0	1,707.0	
92280				363.3	1,089.7	
92281					3,000.0	3,000.0
92290				311.8	935.2	
92300				217.5	652.5	
92400				57.0	172.0	
92500				68.8	206.2	
92600				134.5	403.5	
92710				83.0		
92800				428.8	1,286.2	
92900				1,659.0	553.0	
P.T.				129.6	388.8	
F.T.				54.0	162.0	
92000			900.0	5,945.1	13,762.3	3,000.0

PRODUCTION PERIOD

Revision 1

MSI	2028	2029	2030	2031		
	37	38	39	40		TOTAL
92000						1,700.0
92100						1,464.0
92210						1,480.0
92220						920.0
92230						411.0
92240						2,276.0
92280						1,453.0
92281						6,000.0
92290						1,247.0
92300						870.0
92400						229.0
92500						275.0
92600						538.0
92710						83.0
92800						1,715.0
92900						2,212.0
P.T.						518.4
F.T.						216.0
92000						23,607.4

		LABOUR	OTHER	TOTAL
93000	MINING			
93100 to 93540	(In Operating Costs)			
93550	In Pit Communications		200.0	200.0
93600	PIT DEWATERING			
	Pumps Included in 99800			
93700	IN PIT DISTRIBUTION AND LIGHTING			
	Portable Substations, 7 @ $285,000		1,995.0	1,995.0
	Trailing Cables 8,000 m @ $105.00/m		840.0	840.0
	In Pit Transmission Lines 4,475 m @ $81,000/km	12.0	350.5	362.5
93800	In Operating Costs			
	58 Mandays	12.0	3,385.5	3,397.5

Revision 1

PRE-PRODUCTION PERIOD

MSI	1986	1987	1988	1989	1990	1991
	-6	-5	-4	-3	-2	-1
93550					100.0	50.0
93700				285.0	1,241.3	285.0
93000				285.0	1,341.3	335.0

Revision 1

PRODUCTION PERIOD

MSI	1992	1993	1994	1995	1996	1997
	1	2	3	4	5	6
93550	50.0					
93700	374.9	41.3	22.3	15.8	27.6	
93000	424.9	41.3	22.3	15.8	27.6	

Revision 1

PRODUCTION PERIOD

MSI	1998	1999	2000	2001	2002	2003
	7	8	9	10	11	12
93550						
93700				16.2	780.0	
93000				16.2	780.0	

PRODUCTION PERIOD

Revision 1

MSI	2004	2005	2006	2007	2008	2009
	13	14	15	16	17	18
93550						
93700			46.6			
93000			46.6			

Revision 1

PRODUCTION PERIOD

MSI	2016	2017	2018	2019	2020	2021
	25	26	27	28	29	30
93550 93700	8.9					
93000	8.9					

Revision 1

PRODUCTION PERIOD

MSI	2022	2023	2024	2025	2026	2027
	31	32	33	34	35	36
93550						
93700						52.6
93000						52.6

PRODUCTION PERIOD

Revision 1

MSI	2028	2029	2030	2031		
	37	38	39	40		TOTAL
93550						200.0
93700						3,197.5
93000						3,397.5

		LABOUR	OTHER	TOTAL
94000	CRUSHING & CONVEYING			
94100	TRUCK DUMP STATION			
94110	Truck Dump Structure	344.0	640.0	984.0
94120	Coal Dump Pockets (Included in 94110)			
94160	Coal Crushing, Screening and Transfer Conveyor			
	Mechanical	179.0	1,244.0	1,423.0
	Electrical	219.0	106.0	325.0
	Federal Sales Tax @ 5% (50% of structure)		16.0	16.0
	Provincial Sales Tax @ 6%		81.0	81.0
	Design Allqwance		200.0	200.0
	3,556 Mandays	742.0	2,287.0	3,029.0
94400	COAL CONVEYING			
	Coal Conveyor #C1	379.0	1,347.0	1,726.0
94800	CONVEYOR DRIVE & TRANSFER HOUSE			
	Structure & Equipment	156.0	455.0	611.0
	Federal Sales Tax @ 5% (on 50% of civil costs of $288,000)		7.2	7.2
	Provincial Sales Tax @ 6% (on equipment costs)		90.8	90.8
	Design & Engineering Allowance		100.0	100.0
	2,564 Mandays	535.0	2,000.0	2,535.0

PRE-PRODUCTION PERIOD

Revision 1

MSI	1986	1987	1988	1989	1990	1991
	-6	-5	-4	-3	-2	-1
94000			100.0	200.0		
94110					984.0	
94160						1845.0
94400						1726.0
94800						709.0
94000			100.0	200.0	984.0	4280.0

Revision 1

PRODUCTION PERIOD

MSI	2028	2029	2030	2031		
	37	38	39	40		TOTAL
94000						300.0
94110						984.0
94160						1845.0
94400						1726.0
94800						709.0
94000						5564.0

		LABOUR	OTHER	TOTAL
95000	SECONDARY SCREENING & CRUSHING			
	Structural (by Permasteel)	560.8	1,308.6	1,869.4
	Civil (by Permasteel, site preparation by others)	217.4	507.1	724.5
	Mechanical	706.9	2,642.5	3,349.4
	Electrical	510.9	521.6	1,032.5
	Freight (Allowance)		200.0	200.0
	Federal Sales Tax @ 5%		32.7	32.7
	Provincial Sales Tax @ 6%		239.0	239.0
	Design & Engineering Allowance		1,000.0	1,000.0
	9,566 Mandays	1,996.0	6,451.5	8,447.5

Revision 1

PRE-PRODUCTION PERIOD

MSI	1986	1987	1988	1989	1990	1991
	-6	-5	-4	-3	-2	-1
95000				1,000.0	4,183.6	3,263.9
95000				1,000.0	4,183.6	3,263.9

Revision 1

PRODUCTION PERIOD

MSI	2028	2029	2030	2031		
	37	38	39	40		TOTAL
95000						8447.5
95000						8447.5

		LABOUR	OTHER	TOTAL
96000	COAL BLENDING & DELIVERY			
	Mechanical:			
	Conveyors (C2, C3, 4, 5, C6) & Equipment	616.0	2,584.0	3,200.0
	Stacker/Tripper	525.0	2,205.0	2,730.0
	B.W. Reclaimer & Car	675.0	3,090.0	3,765.0
	Portable Conveyor & Hopper	50.0	200.0	250.0
	Other Equipment (Samplers, Dust Collector, Weigh Scales, etc.)	62.0	335.0	397.0
	Electrical			
	Installation & Equipment for Conveyors, etc.	307.0	364.0	671.0
	Civil			
	Miscellaneous Building, Structures, Conveyor Ties, etc.	237.0	426.0	663.0
	Federal Sales Tax @ 5% on buildings		12.0	12.0
	Provincial Sales Tax @ 6% on equipment, etc.		526.0	526.0
	Design & Engineering Allowance		400.0	400.0
	11,848 Mandays	2,472.0	10,145.0	12,617.0
96700	BLENDING BED			
	Site Preparation			
	Rail, Ties, Ballast, etc. 3,500 m @ $350.00	490.0	735.0	1,225.0
	Cut, Haul & Dump, 1,253,000 m^3 @ $1.80	734.2	1,490.8	2,225.0
	Spread & Compact, 350,000 m^3 @ $.75	97.1	165.4	262.5
	Build Berm, 900,000 m^3 @ $1.00	315.0	585.0	900.0
	Topping, 33,000 m^3 @ $7.75	107.5	148.5	256.0

		LABOUR	OTHER	TOTAL
	Storm Drains: Ditches 1,300 m @ $7.42	2.9	6.7	9.6
	30" Culvert 1,176 m @ $330	112.5	275.5	388.0
	54" Culvert 910 m @ $1,050	248.6	707.4	956.0
	Dust Suppression:			
	Pipe 4" 1,500 m @ $208.00	93.6	218.4	312.0
	Spray Guns, 24 @ $2,000 each	14.4	33.6	48.0
	Design & Engineering Allowance		150.0	150.0
	10,620 Mandays	2,215.8	4,516.3	6.732.1
96800	OVERLAND CONVEYORS			
	Mechanical			
	Conveyors C7, C8	1,360.0	5,712.0	7.072.0
	Other Equipment (weigh scale, dust collector, etc.)	35.0	89.0	124.0
	Electrical			
	Equipment, lighting, etc.	295.0	275.0	570.0
	Civil			
	Service Road	70.0	165.0	235.0
	Miscellaneous buildings, conveyor ties, structural steel, etc.	218.0	406.0	624.0
	Federal Sales Tax @ 5% on buildings		7.8	7.8
	Provincial Sales Tax @ 6%		390.0	390.0
	Freight (Allowance)		50.0	50.0
	Design & Engineering Allowance		150.0	150.0
	9,480 Mandays	1.978.0	7,244.8	9,222.8

Revision 1

PRE-PRODUCTION PERIOD

MSI	1986	1987	1988	1989	1990	1991
	-6	-5	-4	-3	-2	-1
96000				400.0	8,551.9	3,665.1
96700				6,732.1		
96800				150.0	6,305.9	2,766.9
96000				7,282.1	14,857.8	6,432.0

Revision 1

PRODUCTION PERIOD

MSI	2028	2029	2030	2031		
	37	38	39	40		TOTAL
96000						12617.0
96700						6732.1
96800						9222.8
96000						28571.9

		LABOUR	OTHER	TOTAL
98000	CONSTRUCTION INDIRECTS			
98100	ADMINISTRATION			
98110	Temporary Offices and Other Buildings			842.0
98130	B. C. Hydro Planning, Development and Operations Staff			
	(18 in Year -5, 16 in Year -4) 34 Manyears @ $35,000			1,190.0
	B. C. Hydro & Engineering Consultants Site Personnel (SPC) 86 Manyears @ $45,000			3,870.0
98130	Housing Assistance B. C. Hydro and Engineering Consultants SPC Staff			
	129 Manyears @ $20,000 Years -5, -4, -3, -2, -1, 1 & 2			1,720.0
98130	B. C. Hydro and Engineering Consultants OTEU Staff			
	44 Manyears @ $30,000			1,320.0
98130	B. C. Hydro Vancouver Staff			
	24 Manyears @ $35,000			840.0
98140	Included in 98130			
98150	Office Services			
	84 months @ $17,500/month Allowance			1,470.0
98160	Personnel and Labour Relations			
	Included in Project Overhead			
98170	Public Relations			
	Included in Project Overhead			
98180	Janitorial Services, Maintenance			
	84 months @ $3,500/month Allowance			294.0

		LABOUR	OTHER	TOTAL
98200	GENERAL EXPENSE			
98210	Construction Site Improvements			
	Site Investigations			5,000.0
98220	Minor Equipment			
	Pickups for construction forces 21 @ $11,000			231.0
	51 Cranes, 4 @ $75,000			300.0
	Buses, 2 @ $25,000			50.0
	Ambulance, 1 @ $22,500			22.5
	Gradall, 2 @ $167,500			335.0
	Sanding Truck, 1 @ $43,700			43.7
	Water Wagon, 1 @ $120,000			120.0
98230	Hoists and Elevators (Allowance)			20.0
98240	Scaffold (Allowance)			50.0
98250	Site Cleanliness			
	Allowance, 7 years @ $24,000			168.0
98260	Protective Covers (Allowance)			70.0
98270	Trades Training			
	Not Required.			
98280	Dismantling Construction Facilities			
	Allowance			250.0
98290	Reclamation (Allowance)			200.0
98300	MATERIALS MANAGEMENT			
98310	Materials Engineering			
	Included in 98130			
98320	Warehousing			
	Temporary Structure			230.0
	Personnel 3 x 7 Years @ $35,000			735.0

		LABOUR	OTHER	TOTAL
98330	Materials Handling			
	Equipment in 98220 and 99800			
	Personnel 3 x 7 Years $35,000			735.0
98340	Tools, Tarpaulins, Ropes (Allowance)			70.0
98350	Low Cost Material (Allowance)			100.0
98360	Freight and Construction Material Handling (Allowance)			175.0
98400	UTILITIES			
	Allowance			245.0
98570	Community Relations & Housing			
	Included in 98120 and 98130			
98670	Camp Operation			
	139,429 Mandays @ $40.00/Manday			5,577.2
				26,273.4

Revision 1

PRE-PRODUCTION PERIOD

MSI	1986	1987	1988	1989	1990	1991
	-6	-5	-4	-3	-2	-1
98110			842.0			
98130		630.0	560.0			
			706.4	921.4	1,136.4	1,105.8
			314.0	409.5	505.1	491.4
			203.1	304.6	426.5	385.8
			210.0	210.0	210.0	210.0
98150				490.0	490.0	490.0
98180				98.0	98.0	98.0
98210			5,000.0			
98220				702.2	400.0	
98230				20.0		
98240				50.0		
98250				56.0	56.0	56.0
98260				70.0		
98280						250.0
98290						200.0
98320			230.0	245.0	245.0	245.0
98330				245.0	245.0	245.0
98340				70.0		
98350				40.0	40.0	20.0
98360				100.0	50.0	25.0
98400				81.6	81.7	81.7
98670			796.7	995.9	1,991.9	1,792.7
98000		630.0	8,862.2	5,109.2	5,975.6	5,696.4

Revision 1

PRODUCTION PERIOD

MSI	2028	2029	2030	2031		
	37	38	39	40		TOTAL
98110						842.0
98130						1,190.0
						3,870.0
						1,720.0
						1,320.0
						840.0
98150						1,470.0
98180						294.0
98210						5,000.0
98220						1,102.2
98230						20.0
98240						50.0
98250						168.0
98260						70.0
98280						250.0
98290						200.0
98320						965.0
98330						735.0
98340						70.0
98350						100.0
98360						175.0
98400						245.0
98670						5,577.2
98000						26,273.4

99000 MOBILE EQUIPMENT

99100	DRILLS							
	Auger Drill	- Initial	1	@ $	247,000	= $	247.0	
		Replace	1	@ $	209,950	= $	210.0	= $ 457.0
	Crawler Mounted Drill	- Initial	1	@ $	162,000	= $	162.0	
		Replace	1	@ $	137,700	= $	137.7	= $ 299.7
99200	SHOVELS							
	H241 Hydraulic Shovel	- Initial	5	@ $	2,500,000	=	$12,500.0	
		Replace	4	@ $	2,125,000	=	$ 8,500.0	= $21,000.0
99300	FRONT-END LOADERS							
	988 FEL	- Initial	1	@ $	425,149	= $	425.0	
		Replace	6	@ $	361,377	= $	2,168.3	= $ 2,593.3
99400	HAULAGE TRUCKS							
	Waste Haulage Truck M-100 (91 t)	- Initial	15	@ $	697,000	=	$10,455.0	
		Replace	26	@ $	592,450	=	$15,403.7	= $25,858.7
99500	SCRAPERS							
	631 Scraper	- Initial	2	@ $	522,693	= $	1,045.4	
		Replace	6	@ $	444,289	= $	2,665.7	= $ 3,711.1
99600	DOZERS (TRACK)							
	D9 Dozer	- Initial	2	@ $	545,782	= $	1,091.6	
		Replace	7	@ $	463,915	= $	3,247.4	= $ 4,339.0
	D8 Dozer	- Initial	4	@ $	407,274	= $	1,629.1	
		Replace	16	@ $	346,183	= $	5,538.9	= $ 7,168.0
	D7 Dozer	- Initial	1	@ $	269,657	= $	269.7	
		Replace	5	@ $	229,208	= $	1,146.0	= $ 1,415.7

99700 DOZERS (WHEEL)

824B Dozer	-	Initial	2 @ $	304,809	= $	609.6	
		Replace	8 @ $	259,088	= $	2,072.7	= $ 2,682.3

99800 MISCELLANEOUS

16G Grader	-	Initial	1 @ $	377,195	= $	377.2	
		Replace	2 @ $	320,616	= $	641.2	= $ 1,018.4
14G Grader	-	Initial	2 @ $	264,409	= $	528.8	
		Replace	13 @ $	224,748	= $	2,921.7	= $ 3,450.5
825B Compactor	-	Initial	1 @ $	340,223	= $	340.2	
		Replace	2 @ $	289,190	= $	578.4	= $ 918.6
10 Yd End Dump Truck	-	Initial	2 @ $	60,000	= $	120.0	
		Replace	2 @ $	51,000	= $	102.0	= $ 222.0
Gradall	-	Initial	1 @ $	167,500	= $	167.5	
		Replace	2 @ $	142,375	= $	284.8	= $ 452.3
Backhoe 1 m3	-	Initial	1 @ $	200,000	= $	200.0	
		Replace	2 @ $	170,000	= $	340.0	= $ 540.0
Water Wagons	-	Initial	2 @ $	375,000	= $	750.0	
		Replace	4 @ $	318,750	= $	1,275.0	= $ 2,025.0
Vibratory Compactor	-	Initial	1 @ $	360,650	= $	360.7	
		Replace	2 @ $	306,553	= $	613.1	= $ 973.8
Crushing Plant	-	Initial	1 @ $	402,500	= $	402.5	
		Replace	-				= $ 402.5
Pickup 3/4 t	-	Initial	18 @ $	11,200	= $	201.6	
		Replace	203 @ $	9,520	= $	1,932.6	= $ 2,134.2
Pickup 1 t	-	Initial	12 @ $	13,700	= $	164.4	
		Replace	426 @ $	11,645	= $	4,960.8	= $ 5,125.2
12 Passenger Bus	-	Initial	2 @ $	15,000	= $	30.0	
		Replace	22 @ $	12,750	= $	280.5	= $ 310.5
24 Passenger Bus	-	Initial	1 @ $	25,000	= $	25.0	
		Replace	6 @ $	21,250	= $	127.5	= $ 152.5
1-t Flat Deck	-	Initial	2 @ $	20,000	= $	40.0	
		Replace	13 @ $	17,000	= $	221.0	= $ 261.0
3-t Truck w/Hiab	-	Initial	2 @ $	32,500	= $	65.0	
		Replace	13 @ $	27,625	= $	359.1	= $ 424.1

99800 MISCELLANEOUS (Cont'd)

5-t Service Truck	- Initial	1 @ $	23,700	= $	23.7	
	Replace	6 @ $	20,145	= $	120.9	= $ 144.6
Tire Truck	- Initial	1 @ $	47,500	= $	47.5	
	Replace	7 @ $	40,375	= $	282.6	= $ 330.1
Fuel Truck	- Initial	2 @ $	75,000	= $	150.0	
	Replace	22 @ $	63,750	= $	1,402.5	= $ 1,552.5
Lube Truck	- Initial	2 @ $	113,700	= $	227.4	
	Replace	13 @ $	96,645	= $	1,256.4	= $ 1,483.8
Line Truck	- Initial	1 @ $	87,500	= $	87.5	
	Replace	5 @ $	74,375	= $	371.9	= $ 459.4
Lo-Boy Trailer Truck	- Initial	1 @ $	107,500	= $	107.5	
	Replace	3 @ $	91,375	= $	274.1	= $ 381.6
Hi-Boy Trialer	- Initial	1 @ $	53,700	= $	53.7	
	Replace	3 @ $	45,645	= $	136.9	= $ 109.6
65-t Crane	- Initial	1 @ $	563,000	= $	563.0	
	Replace	1 @ $	478,550	= $	478.6	= $ 1,041.6
22-t Crane	- Initial	2 @ $	242,000	= $	484.0	
	Replace	13 @ $	205,700	= $	2,674.1	= $ 3,158.1
5-t Forklift	- Initial	1 @ $	67,500	= $	67.5	
	Replace	4 @ $	57,375	= $	229.5	= $ 297.0
3-t Forklift	- Initial	1 @ $	33,700	= $	33.7	
	Replace	4 @ $	28,645	= $	114.6	= $ 148.3
Compressor 17 m3/min	- Initial	1 @ $	78,700	= $	78.7	
	Replace	3 @ $	66,895	= $	200.7	= $ 279.4
Welders 300A	- Initial	2 @ $	30,000	= $	60.0	
	Initial	3 @ $	4,000	= $	12.0	
	Replace	5 @ $	25,500	= $	127.5	
	Replace	10 @ $	3,400	= $	34.0	= $ 233.5
Steam Cleaner	- Initial	1 @ $	80,000	= $	80.0	
	Replace	4 @ $	68,000	= $	272.0	= $ 352.0
Lighting Plant	- Initial	4 @ $	13,700	= $	54.8	
	Replace	26 @ $	11,645	= $	302.8	= $ 357.6

99800 MISCELLANEOUS (Cont'd)

Diesel Pumps 15 cm	- Initial	7 @ $	8,700	= $	60.9	
	Replace	36 @ $	7,395	= $	266.2	= $ 327.1
953 Traxcavator	- Initial	1 @ $	127,407	= $	127.4	
	Replace	3 @ $	108,296	= $	324.9	= $ 452.3

Total Initial	$ 34,526.6
Total Replacement	$ 64,598.3
	$ 99,124.9
6% Prov. S.T.	$ 5,947.5
	$105,072.4

Revision 1

PRE-PRODUCTION PERIOD

MSI		1986	1987	1988	1989	1990	1991
		-6	-5	-4	-3	-2	-1
99100	I					247.0	162.0
	R						
99200	I					2,500.0	2,500.0
	R						
99300	I					425.0	
	R						
99400	I					2,788.0	3,485.0
	R						
99500	I					1,045.4	
	R						
99600	I					1,906.1	
	R						
99700	I					304.8	
	R						
99800	I				88.4	3,774.9	403.2
	R						46.6
INITIAL					88.4	12,991.2	6,550.2
REPLACEMENT							46.6
P.T.					5.3	779.5	395.8
TOTAL					93.7	13,770.7	6,992.6

PRODUCTION PERIOD

MSI		1992	1993	1994	1995	1996	1997
		1	2	3	4	5	6
99100	I						
	R						
99200	I	5,000.0	2,500.0				
	R						
99300	I						
	R				361.4		
99400	I	1,394.0	697.0	697.0			
	R						
99500	I						
	R				888.6		
99600	I	269.7	407.3		407.3		
	R		692.4	927.8		1,038.5	
99700	I	304.8					
	R						
99800	I	1,451.2	340.4	8.0			
	R	121.8	465.4	224.4	654.3	421.0	997.7
INITIAL		8,419.7	3,944.7	705.0	407.3		
REPLACEMENT		121.8	1,157.8	1,152.2	1,904.3	1,459.5	997.7
P.T.		512.5	306.2	111.4	138.7	87.6	59.9
TOTAL		9,054.0	5,408.7	1,968.6	2,450.3	1,547.1	1,057.6

PRODUCTION PERIOD

MSI		1998	1999	2000	2001	2002	2003
		7	8	9	10	11	12
99100	I						
	R						
99200	I						
	R						
99300	I						
	R			361.4			
99400	I					697.0	
	R			2,369.8	4,147.2	592.4	592.4
99500	I						
	R						
99600	I						
	R	1,157.1		1,038.5			
99700	I						
	R	518.2					
99800	I					8.7	
	R	431.7	334.8	1,404.1	1,366.2	909.3	490.2
INITIAL						705.7	
REPLACEMENT		2,107.0	334.8	5,173.8	5,513.4	1,501.7	1,082.6
P.T.		126.4	20.1	310.4	330.8	132.4	64.9
TOTAL		2,233.4	354.9	5,484.2	5,844.2	2,339.8	1,147.5

PRODUCTION PERIOD

MSI		2004	2005	2006	2007	2008	2009
		13	14	15	16	17	18
99100	I						
	R				137.7		
99200	I						
	R	2,125.0			4,250.0	2,125.0	
99300	I		361.4				
	R						
99400	I				697.0		
	R						
99500	I						
	R	888.6					
99600	I						
	R	1,385.5					1,156.3
99700	I						
	R	518.2					
99800	I				17.4		
	R	678.9	698.8	794.3	666.9	379.6	703.0
INITIAL					714.4		
REPLACEMENT		5,596.2	1,060.2	794.3	5,054.6	2,504.6	1,859.3
P.T.		335.8	63.6	47.7	346.1	150.3	111.6
TOTAL		5,932.0	1,123.8	842.0	6,115.1	2,654.9	1,970.9

PRODUCTION PERIOD

MSI		2010	2011	2012	2013	2014	2015
		19	20	21	22	23	24
99100	I						
	R						
99200	I						
	R						
99300	I						
	R	361.4					361.4
99400	I						
	R						2,369.8
99500	I						
	R					888.5	
99600	I						
	R	229.2				692.4	
99700	I						
	R			518.2			
-99800	I						
	R	861.4	802.9	1,303.9	579.2	942.7	912.6
INITIAL							
REPLACEMENT		1,662.0	802.9	1,822.1	579.2	2,523.6	3,643.8
P.T.		99.7	48.2	109.3	34.8	151.4	218.6
TOTAL		1,761.7	851.1	1,931.4	614.0	2,675.0	3,862.4

PRODUCTION PERIOD

MSI		2016	2017	2018	2019	2020	2021
		25	26	27	28	29	30
99100	I						
	R						
99200	I						
	R						
99300	I						
	R					361.3	
99400	I						
	R	4,739.6		592.5			
99500	I						
	R						
99600	I						
	R	693.1			692.4		
99700	I						
	R						518.1
99800	I						
	R	1,072.0	697.6	177.8	307.0	1,002.4	675.5
INITIAL		6,504.7	697.6	770.3	999.4	1,363.7	1,193.6
REPLACEMENT		390.3	41.9	46.2	60.0	81.8	71.6
TOTAL		6,895.0	739.5	816.5	1,059.4	1,445.5	1,265.2

PRODUCTION PERIOD

MSI		2022	2023	2024	2025	2026	2027
		31	32	33	34	35	36
99100	I						
	R						
99200	I						
	R						
99300	I						
	R						
99400	I						
	R						
99500	I						
	R						
99600	I						
	R	229.2					
99700	I						
	R						
99800	I						
	R	871.7	333.7	231.2	654.1	200.0	93.2
INITIAL		1,100.9	333.7	231.2	654.1	200.0	93.2
REPALCEMENT		66.1	20.0	13.9	39.2	12.0	5.6
P.T.							
TOTAL		1,167.0	353.7	245.1	693.3	212.0	98.8

PRODUCTION PERIOD

MSI	2028	2029	2030	2031		
	37	38	39	40		TOTAL
99100	I					409.0
	R					347.7
99200	I					12,500.0
	R					8,500.0
99300	I					425.0
	R					2,168.3
99400	I					10,455.0
	R					15,403.7
99500	I					1,045.4
	R					2,665.7
99600	I					2,990.4
	R					9,932.4
99700	I					609.6
	R					2,072.7
99800	I					6,092.2
	R					23,507.9
INITIAL						34,526.6
REPLACEMENT						64,598.4
P.T.						5,947.6
TOTAL						105,072.6

APPENDIX A

Section A.3

HAT CREEK PROJECT

MINING DEPARTMENT

EQUIPMENT ESTIMATING CRITERIA

AND SCHEDULES OF OPERATING SHIFTS

800 MW PLANT

TRUCK REQUIREMENTS - FIXED TIMES

	Coal	Parting	Waste
Bucket Size	18M^3	18M^3	14M^3
Fill Factor	90%	75%	90%
Swell	45%	30%	25%
Specific Gravity	1.49 t/m^3	2.0	2.0
Bucket Capacity	11.2 m^3	8.1 m^3	10.1 M^3
Bucket Weight	16.7 t	16.2 t	20.2 t
Cycle Time	35 sec.	40 sec.	35 sec.
Truck Capacity	91 tonnes	91 t	91 tonnes
Passes Per Load	(91/16.7) 6	(91/16.2) 6	(91/20.2) 5
Loading Time	(6 x 35/60) 3.5 Min.	(6 x 40/60) 4.0 Min.	(5 x 35/60) 2.9 Min.
Spot Time	0.5 Min.	0.5 Min.	0.5 Min.
Wait Time	0.5 Min.	0.5 Min.	0.5 Min.
Dump Time	1.00 Min.	1.00 Min.	1.00 Min.
Total Fixed Time	5.5 Min.	6.0 Min.	4.9 Min.

HAT CREEK PROJECT

800 MW PLANT

91 t COAL TRUCK FLEET 18/14 m^3 SHOVEL

YEAR	MAX WEEK COAL PROD (tonnes)	PROD RATE PER SHIFT (t/SHIFT)	SHIFTS REQUIRED	MAX WEEKLY PARTING PROD (M3)	PROD RATE PER SHIFT (M3/SHIFT)	SHIFT REQUIRED	TOTAL SHIFTS	TRUCKS REQUIRED	SHIFT SCHEDULE
-1	35900	2561	14.0	-			14.0	(1.9) 2	5 - 2
1	35900	2542	14.1	3590	879	4.1	18.2	(2.5) 3	5 - 2
2	78200	2567	30.5	7820	862	9.1	39.6	(3.7) 4	5 - 3
3	87400	2387	36.6	8740	846	10.3	46.9	(4.3) 5	5 - 3
4	93000	2239	41.6	9300	830	11.2	52.8	(4.9) 5	5 - 3
5	93000	2216	42.0	9300	813	11.4	53.4	(4.9) 5	5 - 3
6-10	93000	2429	38.3	9300	772	12.0	50.3	(4.7) 5	5 - 3
11-15	93000	2122	43.8	9300	673	13.8	57.6	(5.3) 6	5 - 3
16-25	93000	1983	46.9	9300	600	15.5	62.4	(5.7) 6	5 - 3
26-36	93000	1709	54.4	9300	527	17.6	72.0	(6.6) 7	5 - 3

SHIFTS PER WEEK PER TRUCK

15 X 0.72 = 10.8

10 X 0.72 = 7.2

5 X 0.72 = 3.6

HAT CREEK - 800 MW STUDY

91 t TRUCK - 18/14M^3 HYDRAULIC SHOVEL

TRUCK REQUIREMENTS -PURCHASE-REPLACEMENT-SCHEDULE

YEAR	PURCHASE	REPLACE
-2	4	
-1	5	
1	2	
2	1	
3	1	
4		
5		
6		
7		
8		
9		4
10		7
11	1	1
12		1
13		
14		
15		
16	1	
17		
18		
19		
20		
21		
22		
23		
24		4
25		8
26		
27		1
28		
29		
30		
31		
32		
33		
34		
35		
36		
TOTAL	15	26

NOTE- WASTE FLEET REMAINS CONSTANT AT 9 TRUCKS UNTIL YEAR 30.

COAL AND PARTINGS FLEET INCREASES FROM 5 TO 7 TRUCKS AS HAUL DISTANCES INCREASES.

REPLACEMENT SCHEDULE - 91t TRUCK

18/14 M^3 SHOVEL

YR	TOT SHIFTS	TRUCKS	SH/TR	#1 4TR	#2 5TR	#3 2TR	#4 1TR	#5 1TR	#6 1TR	#7 1TR
-2	1177	4	294							
-1	2671	9	297							
1	4688	11	426							
2	7527	12	627							
3	8089	13	622							
4	9206	13	708							
5	8079	13	621							
6	8340	13	642							
7	9766	13	751							
8	6591	13	507							
9	7442	13	572	6067(R4)						
10	6671	13	513		6286(R5)	5989(R2)				
11	7184	14	513				6076(R1)			
12	6536	14	467					5916(R1)		
13	6635	14	474							
14	5872	14	419							
15	4820	14	344							
16	5678	15	379							
17	5767	15	384							
18	5672	15	378							
1	6050	15	403							
20	5896	15	393							
21	5155	15	344							
22	5100	15	340							
23	5006	15	334							
24	5833	15	389	6074(R4)						
25	5769	15	385		(R5)	(R2)			(R1)	
26	5758	15	384							
27	5472	15	365				(R1)			
28	5724	15	382							
29	6171	15	411					RETIRE		
30	5048	13	388							
31	4391	11	399							RETIRE
32	4258	11	387							
33	3514	11	319		26	REPLACEMENT				
34	3324	11	302							
35	3263	11	297							
36	1392	11	127							

FORM 10931(11/71)

COMPUTATION SHEET

Project _____ Sheet ____ of ____

Computation of _____

Computed by _____ Date _____

HAT CREEK - 800 MW STUDY
TRUCK PRODUCTIVITIES
91t TRUCK COAL & WASTE 18/14 M^3 SHOVEL

YEAR	WASTE		COAL	
	M3 PER HOUR	M3 PER SHIFT	tonnes PER HOUR	tonnes PER SHIFT
0			426.8	2561
1	151.9	911.0	423.7	2542
2			427.9	2567
3			397.9	2387
4			373.1	2239
5	145.2	871.0	369.4	2216
6-10	137.2	823.0	404.9	2429
-15	118.6	712.0	353.7	2122
16-25			330.5	1983
26-36	92.1	553.0	284.9	1709

YEAR	M3 PER HOUR WASTE	TRIPS PER HOUR	PARTINGS CYCLE TIME	PARTINGS ADJUSTED CYCLE TIME	PARTINGS TRIPS PER HOUR	PARTINGS M3 PER HOUR PARTING
1	151.9	3,34	17.96	19.06	3,15	143.3
5	145.2	3.19	18.81	19.91	3.01	135.5
6-10	137.2	3.02	19.87	20.97	2.86	128.7
11-15	118.6	2.61	22.99	24.09	2.49	112.1
26-36	92.1	2.02	29.70	30.80	1.95	87.8

FORM 1093(11/71)

COMPUTATION SHEET

Project 800 MW PLANT Sheet ___ of ___

Computation of COAL HAULING 91t TRUCK - 18/14 M^3 SHOVEL

Computed by ___ Date ___

COAL - 91t TRUCK 3440-415

YEAR	QUANTITY K TONNES	PRODUCTION RATE t/SHIFT	SHIFTS	OPERATING COST $000's		YEAR	QUANTITY K TONNES	PROCUCTION RATE t/SHIFT	SHIFTS	OPERATING COSTS $000's	
-2	-					19	3901	1983	1969		36
-1	603	2561	235		07	20	3871		1952		36
1	1252	2542	492		09	21	3844		1938		36
2	2875	2567	1120		21	22	3707		1869		35
3	3447	2387	1444		27	23	3887		1962		36
4	3800	2239	1697		31	24	3679		1855		34
5	3760	2216	1697		31	25	3955	1983	1994		37
6	3708	2429	1527		28	26	3974	1709	2325		43
7	3720		1531		28	27	3933		2301		43
8	3658		1506		28	28	3751		2195		41
9	3686		1517		28	29	3988		2334		43
10	3851	2429	1585		29	30	4016		2350		44
11	3923	2122	1849		34	31	3822		2236		41
12	3783		1783		33	32	3812		2231		41
13	3657		1723		32	33	3859		2258		42
14	3811		1796		33	34	3735		2185		40
15	3945	2122	1859		34	35	3700		2165		40
16	4060	1983	2047		38	36	1451	1709	849		1.6
17	3907		1970		36						
18	3835		1934		36	TOTAL	132,168		66278		

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COMPUTATION SHEET

Project 800 MW PLANT Sheet ____ of ____

Computation of WASTE PARTINGS HAULING 91t TRUCK - 18/14 M^3 SHOVEL

Computed by _____ Date _____

PARTINGS - 91t TRUCK 3240-415

YEAR	QUANTITY KBCM	PRODUCTION RATE BCM/SHIFT	SHIFTS	OPERATING COST $000's		YEAR	QUANTITY KBCM	PRODUCTION RATE BCM/SHIFT	SHIFTS	OPERATING COSTS $000's	
-2	-					19	390	600	650		1.2
-1	-					20	387		645		1.2
1	125	879	142		0.3	21	384		640		1.2
2	288	862	334		0.6	22	371		618		1.1
3	345	846	408		0.8	23	389		648		1.2
4	380	830	458		0.8	24	368		613		1.1
5	376	813	462		0.9	25	396	600	660		1.2
6	371	772	481		0.9	26	397	527	753		1.4
7	372		482		0.9	27	393		746		1.4
8	366		474		0.9	28	375		712		1.3
9	369		478		0.9	29	399		757		1.4
10	385	772	384		0.7	30	402		763		1.4
11	392	673	582		1.1	31	382		725		1.3
12	378		562		1.0	32	381		723		1.3
13	366		544		1.0	33	386		732		1.3
14	381		566		1.0	34	374		710		1.3
15	395	673	587		1.1	35	370		702		1.3
16	406	600	677		1.3	36	145	527	275		0.5
17	391		652		1.2						
18	384		640		1.2	TOTAL	13,159		20985		

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COMPUTATION SHEET

Project 800 MW PLANT Sheet ___ of ___

Computation of WASTE HAULING 91t TRUCK - 18/14 M3 SHOVEL

Computed by _____ Date _____

WASTE - 91t TRUCK 3340-415

YEAR	QUANTITY KBCM	PRODUCTION RATE BCM/SHIFT	SHIFTS	OPERATING COST $000's		YEAR	QUANTITY KBCM	PRODUCTION RATE BCM/SHIFT	SHIFTS	OPERATING COSTS $000's	
2	1072	911	1177		4	19	2172	633	3431		10
-1	2219	911	2436		7	20	2088		3299		10
1	3693	911	4054		8	21	1631		2577		8
2	5472	901	6073		8	22	1654		2613		8
3	5557	891	6237		9	23	1518		2398		7
4	6212	881	7051		10	24	2130		3365		10
5	5156	871	5920		8	25	1972	633	3115		9
6	5211	823	6332		9	26	1482	553	2680		8
7	6381		7753		10	27	1341		2425		7
8	3795		4611		9	28	1558		2817		8
9	4483		5447		10	29	1703		3080		9
10	3870	823	4702		9	30	1070		1935		6
11	3384	712	4753		9	31	791		1430		4
12	2984		4191		8	32	721		1304		4
13	3110		4368		9	33	290		524		3
14	2499		3510		10	34	237		429		3
15	1690	712	2374		7	35	219		396		3
16	1870	633	2954		9	36	148	553	268		2
17	1991		3145		9						
18	1961		3098		9	TOTAL	95.335		128272		

HAT CREEK 800 MW STUDY

18/14 M^3 SHOVEL PURCHASE AND REPLACEMENT SCHEDULE

YEAR	PURCHASE	REPLACE	
-2	1		
-1	1		
1	2		
2	1		
3			
4			
5			
6			
7			NOTE- 2 WASTE SHOVEL UNTIL
8			YEAR 10 THEN 1 UNTIL
9			YEAR 29.
10			
11			3 COAL SHOVELS FOR
12			FLEXIBILITY FOR
13		1	LIFE OF PROJECT
14			
15			
16		2	
17		1	
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
TOTAL	5	4	

FORM 1093(11/71)

COMPUTATION SHEET

Project 800 MW PLANT Sheet ___ of ___

Computation of COAL - LOADING - 18/14 M3 SHOVEL

Computed by 3430-210 Date ___

YEAR	QUANTITY K TONNES	PRODUCTION RATE t/SHIFT	SHIFTS	OPERATING COST $000's		YEAR	QUANTITY K TONNES	PRODUCTION RATE t/SHIFT	SHIFTS	OPERATING COSTS $000's
-2	-					19	3904	9589	407	
-1	603	9589	63			20	3871		404	
1	1251		130			21	3844		401	
2	2875		300			22	3707		387	
3	3447		359			23	3887		405	
4	3800		396			24	3679		384	
5	3760		392			25	3955		412	
6	3708		387			26	3974		414	
7	3720		388			27	3933		410	
8	3658		381			28	3751		391	
9	3686		384			29	3988		416	
10	3851		402			30	4016		419	
11	3923		409			31	3822		399	
12	3783		395			32	3812		398	
13	3657		381			33	3859		402	
14	3811		397			34	3735		390	
15	3945		411			35	3700		386	
16	4060		423			36	1451	9589	151	
17	3907		407							
18	3835	9589	400			TOTAL	132,168			

FORM 10931(11/71)

COMPUTATION SHEET

Project 800 MW PLANT Sheet ____ of ____

Computation of WASTE - LOADING - 18/14 M3 SHOVEL

Computed by 3330-210 Date ____

YEAR	QUANTITY KBCM	PRODUCTION RATE BCM/SHIFT	SHIFTS	OPERATING COST $000's		YEAR	QUANTITY KBCM	PRODUCTION RATE BCM/SHIFT	SHIFTS	OPERATING COSTS $000's
-2	1072	5814	184			19	2172	5814	374	
-1	2219		382			20	2088		359	
1	3693		635			21	1631		280	
2	5472		941			22	1654		284	
3	5557		956			23	1518		261	
4	6212		1068			24	2130		366	
5	5156		887			25	1972		339	
6	5211		896			26	1482		255	
7	6381		1098			27	1341		231	
8	3795		653			28	1558		268	
9	4483		771			29	1703		293	
10	3870		666			30	1070		184	
11	3384		582			31	791		136	
12	2984		513			32	721		124	
13	3110		535			33	290		50	
14	2499		430			34	237		41	
15	1690		291			35	219		38	
16	1870		322			36	148		24	
17	1991		342							
18	1961		337			TOTAL	95,335			

FORM 10931(11/71)

COMPUTATION SHEET

Project 800 MW PLANT Sheet ___ of ___

Computation of WASTE PARTINGS - LOADING - 18/14 M^3 SHOVEL

Computed by 3230-210 Date ___

YEAR	QUANTITY KBCM	PRODUCTION RATE BCM/SHIFT	SHIFTS	OPERATING COST $000's
-2	-			
-1	-			
1	125	5234	24	
2	288		55	
3	345		66	
4	380		73	
5	376		72	
6	371		71	
7	372		71	
8	366		70	
9	369		71	
10	385		74	
11	392		75	
12	378		72	
13	366		70	
14	381		73	
15	395		75	
16	406		78	
17	391		75	
18	384	5234	73	

YEAR	QUANTITY KBCM	PRODUCTION RATE BCM/SHIFT	SHIFTS	OPERATING COSTS $000's
19	390	5234	75	
20	387		74	
21	384		73	
22	371		71	
23	389		74	
24	368		70	
25	396		76	
26	397		76	
27	393		75	
28	375		72	
29	399		76	
30	402		77	
31	382		73	
32	381		73	
33	386		74	
34	374		71	
35	370		71	
36	145	5234	28	
TOTAL	13,159			

HAT CREEK - 800 MW STUDY
TRUCK PRODUCTIVITIES
91 TRUCK COAL & WASTE

A. WASTE 18/14 M^3 SHOVEL — 11.5/10 M^3 SHOVEL

YEAR	M^3/HOUR	TRIPS/HOUR	CYCLE TIME	ADJUSTED CYCLE TIME	TRIPS/HOUR	M^3/HOUR
1	151.9	3.34	17.96	18.26	3.29	149.7
5	145.2	3.19	18.81	19.11	3.14	142.9
6-10	137.2	3.02	19.87	20.17	2.97	135.1
11-15	118.6	2.61	22.99	23.29	2.58	117.4
26-36	92.1	2.02	29.70	30.00	2.00	91.0

B. COAL

	18/14M^3 SHOVEL			11.5/10M^3 SHOVEL		
YEAR	t/HOUR	TRIPS/HOUR	CYCLE TIME	ADJUSTED CYCLE TIME	TRIPS/HOUR	tonnes PER HOUR
0	426.8	4.69	12.79	14.09	4.26	387.7
1	423.7	4.66	12.88	14.18	4.23	384.9
2	427.9	4.70	12.77	14.07	4.26	387.7
3	397.9	4.37	13.73	15.03	3.99	363.1
4	373.1	4.10	14.63	15.93	3.77	343.1
5	369.4	4.06	14.78	16.08	3.73	339.4
6-10	404.9	4.45	13.48	14.78	4.06	369.5
11-15	353.7	3.89	15.42	16.72	3.59	326.7
16-25	330.5	3.63	16.53	17.83	3.37	306.7
26-36	284.9	3.13	19.17	20.47	2.93	266.6

C. PARTINGS

	18/14M^3 SHOVEL			11.5/10M^3 SHOVEL		
YEAR	M3/HOUR	TRIPS/HOUR	CYCLE TIME	ADJUSTED CYCLE TIME	TRIPS/HOUR	M^3/HOUR
1	151.9	3.34	17.96	19.76	3.04	138.3
5	145.2	3.19	18.81	20.61	2.91	132.4
6-10	137.2	3.02	19.87	21.67	2.77	126.0
11-15	118.6	2.61	22.99	24.79	2.42	110.1
26-36	92.1	2.02	29.70	31.50	1.90	86.5

APPENDIX A

Section A.4

HAT CREEK PROJECT

MINING DEPARTMENT

HAUL CYCLES

800 MW PLANT

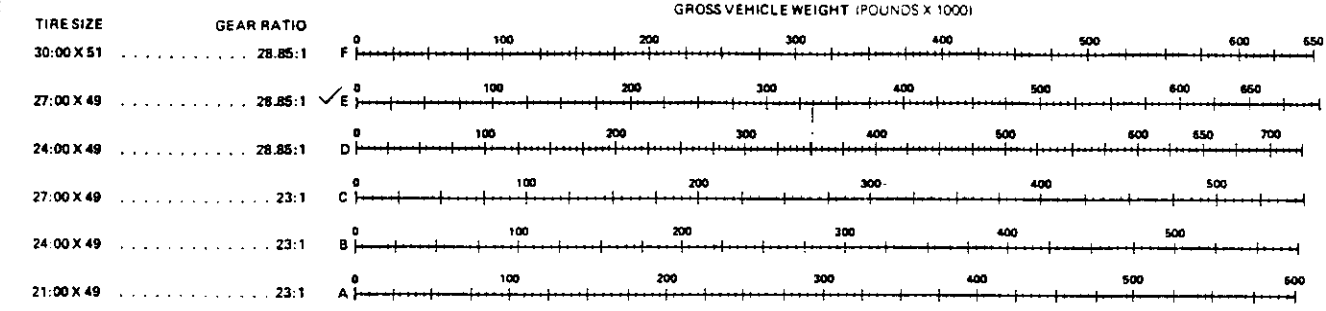
TRUCK REQUIREMENTS - FIXED TIMES

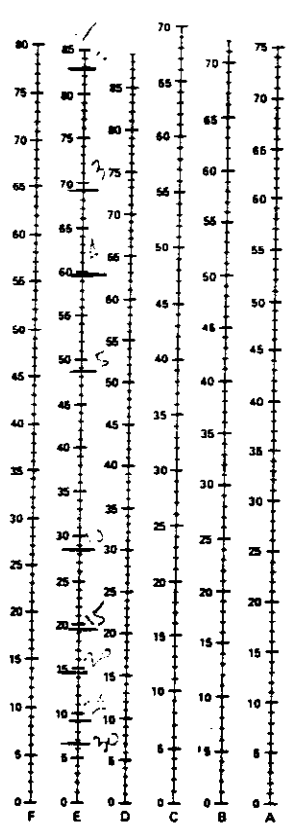
	Coal	Parting	Waste
Bucket Size	18M^3	18M^3	14M^3
Fill Factor	90%	75%	90%
Swell	45%	30%	25%
Specific Gravity	1.49 t/m^3	2.0	2.0
Bucket Capacity	11.2 m^3	8.1 m^3	10.1 M^3
Bucket Weight	16.7 t	16.2 t	20.2 t
Cycle Time	35 sec.	40 sec.	35 sec.
Truck Capacity	91 tonnes	91 t	91 tonnes
Passes Per Load	(91/16.7) 6	(91/16.2) 6	(91/20.2) 5
Loading Time	(6 x 35/60) 3.5 Min.	(6 x 40/60) 4.0 Min.	(5 x 35/60) 2.9 Min.
Spot Time	0.5 Min.	0.5 Min.	0.5 Min.
Wait Time	0.5 Min.	0.5 Min.	0.5 Min.
Dump Time	1.00 Min.	1.00 Min.	1.00 Min.
Total Fixed Time	5.5 Min.	6.0 Min.	4.9 Min.

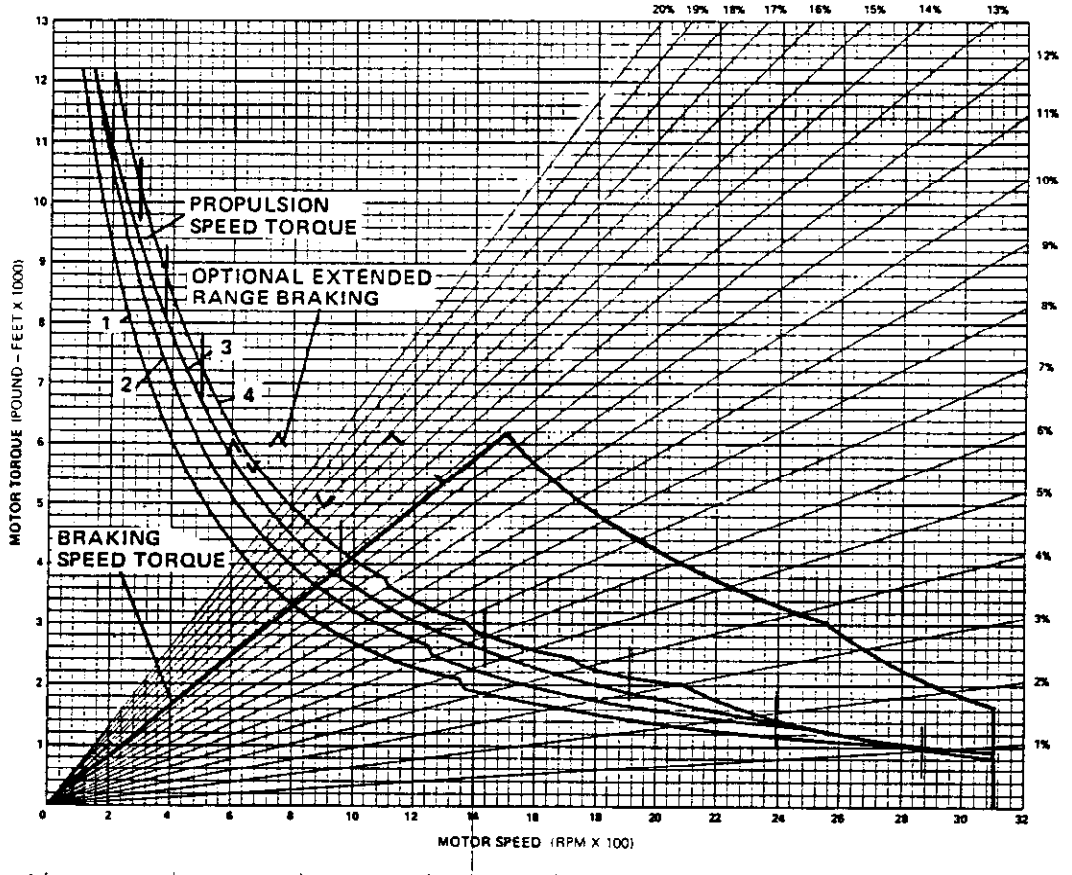
PERFORMANCE CHART

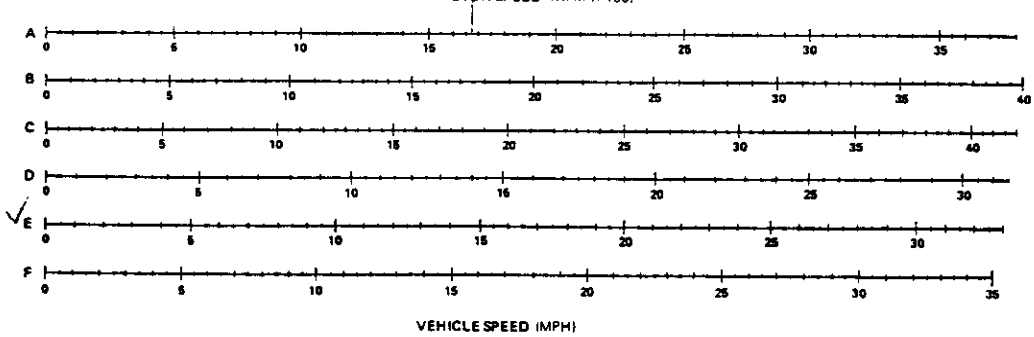
LECTRA HAUL

TIRE SIZE	GEAR RATIO
30:00 X 51	28.85:1
27:00 X 49	28.85:1
24:00 X 49	28.85:1
27:00 X 49	23:1
24:00 X 49	23:1
21:00 X 49	23:1









ELECTRICAL EQUIPMENT

ONE GE GT603
GENERATOR
TWO GE 772
TRACTION MOTORS

REFERENCE GE CURVES

41H138193 PROPULSION ✓E
41H138194 PROPULSION
41H139385 PROPULSION
41H138196 PROPULSION
41H155470 BRAKING

CURVE NO.	*1*	*2*	*3*	*4*
ENGINE	WAUKESHA L1616DSI	CAT D348	CAT D348JWAC	CAT D348SCAC
BHP	690	800	850	990
SPEED	2000	2000	2000	2000
NET HP	610	710	775	900

Layout By: M. C. HUTCHINS Drawn By: D. R. FISHER Checked By: V. W. OGDEN 9-16-71 PP76-1

HAT CREEK 300MW STUDY

UNIT RIG : M100 BOX CAPACITY : 77.0 CU. METERS
GENERATOR/ALT. : GE TRACTION MOTORS : GE 772
GEAR RATIO : 28.85:1
TIRE SIZE (PLY RATING) : 27.00X49 TONNE-KM/HR RATING : 260.0
ENGINE : CAT MODEL : D348SCAC 990 RATED H.P.

YEAR 0

BENCH	TONNES	TYPE	ROUTE DIST. (M.)	TOTAL CYCLE TIME (MIN)	TRIPS PER HOUR	TONNES PER HOUR	TRUCK HOURS	TIRE TONNE KPH
5	40000	COAL	2045	12.9	4.6	421	95	277
10	356000	COAL	2005	12.8	4.7	424	839	273
02	207000	COAL	1935	12.6	4.8	433	479	269

YEAR 0 SUB TOTALS

MATERIAL TYPE	TONNES	TRUCK HOURS
WASTE	0	0
COAL	603000	1413
	0	0
TOTAL	603000	1413

PLANT OPERATING HOURS PER YEAR = 6000

TRUCK AVAILABILITY FACTOR = .72

TRUCK UTILIZATION FACTOR = .75

NUMBER OF TRUCKS REQUIRED = .4

TRUCK HAULAGE PROGRAM (METRIC)

HAT CREEK 800MW STUDY

UNIT RIG : M100 BOX CAPACITY : 77.0 CU. METERS
GENERATOR/ALT. : GE TRACTION MOTORS : GE 772
GEAR RATIO : 28.65:1
TIRE SIZE (PLY RATING) : 27.00X49 TONNE-KM/HR RATING : 260.0
ENGINE : CAT MODEL : D348SCAC 990 RATED H.P.

YEAR 1

BENCH	TONNES	TYPE	ROUTE DIST. (M.)	TOTAL CYCLE TIME (MIN)	TRIPS PER HOUR	TONNES PER HOUR	TRUCK HOURS	TIRE TONNE KPH
95	524000	COAL	2000	12.8	4.7	426	1229	274
80	726000	COAL	1877	12.9	4.7	422	1721	255

YEAR 1 SUB TOTALS

MATERIAL TYPE	TONNES	TRUCK HOURS
WASTE	0	0
COAL	1250000	2950
	0	0
TOTAL	1250000	2950

PLANT OPERATING HOURS PER YEAR = 6000

TRUCK AVAILABILITY FACTOR = .72

TRUCK UTILIZATION FACTOR = .75

NUMBER OF TRUCKS REQUIRED = .9

HAT CREEK 300MW STUDY

UNIT RIG : M100 BOX CAPACITY : 77.0 CU. METERS
GENERATOR/ALT. : GE TRACTION MOTORS : GE 772
GEAR RATIO : 28.85:1
TIRE SIZE (PLY RATING) : 27.00X49 TONNE-KM/HR RATING : 260.0
ENGINE : CAT MODEL : D348SCAC 990 RATED H.P.

YEAR 2

BENCH	TONNES	TYPE	ROUTE DIST. (M.)	TOTAL CYCLE TIME (MIN)	TRIPS PER HOUR	TONNES PER HOUR	TRUCK HOURS	TIRE TONNE KPH
65	1863000	COAL	1790	12.6	4.8	431	4319	243
57	544000	COAL	1325	12.9	4.6	421	1292	247
17	10000	COAL	2245	13.8	4.4	395	25	235
80	458000	COAL	1365	12.9	4.7	423	1082	254

YEAR 2 SUB TOTALS

MATERIAL TYPE	TONNES	TRUCK HOURS
WASTE	0	0
COAL	2875000	6718
	0	0
TOTAL	2875000	6718

PLANT OPERATING HOURS PER YEAR = 6000

TRUCK AVAILABILITY FACTOR = .72

TRUCK UTILIZATION FACTOR = .75

NUMBER OF TRUCKS REQUIRED = 2.1

HAT CREEK 800MW STUDY

UNIT RIG : M100 BOX CAPACITY : 77.0 CU. METERS
GENERATOR/ALT. : GE TRACTION MOTORS : GE 772
GEAR RATIO : 28.85:1
TIRE SIZE (PLY RATING) : 27.00X49 TONNE-KM/HR RATING : 260.0
ENGINE : CAT MODEL : D348SCAC 990 RATED H.P.

YEAR 3

BENCH	TONNES	TYPE	ROUTE DIST. (M.)	TOTAL CYCLE TIME (MIN)	TRIPS PER HOUR	TONNES PER HOUR	TRUCK HOURS	TIRE TONNE KPH
50	2266000	COAL	1900	13.6	4.4	401	5650	245
42	335000	COAL	1995	14.2	4.2	384	1003	246
10	87000	COAL	2230	13.9	4.3	390	223	230
95	423000	COAL	2170	13.6	4.4	399	1060	278
37	236000	COAL	2170	13.8	4.3	393	727	274

YEAR 3 SUB TOTALS

MATERIAL TYPE	TONNES	TRUCK HOURS
WASTE	0	0
COAL	3447000	8664
	0	0
TOTAL	3447000	8664

PLANT OPERATING HOURS PER YEAR = 6000

TRUCK AVAILABILITY FACTOR = .72

TRUCK UTILIZATION FACTOR = .75

NUMBER OF TRUCKS REQUIRED = 2.7

TRUCK HAULAGE PROGRAM (METRIC)

HAT CREEK 800MW STUDY

UNIT RIG : M100 BOX CAPACITY : 77.0 CU. METERS
GENERATOR/ALT. : GE TRACTION MOTORS : GE 772
GEAR RATIO : 23.85:1
TIRE SIZE (PLY RATING) : 27.00X49 TONNE-KM/HR RATING : 360.0
ENGINE : CAT MODEL : D348SCAC 990 RATED H.P.

YEAR 4

BENCH	TONNES	TYPE	ROUTE DIST. (M.)	TOTAL CYCLE TIME (MIN)	TRIPS PER HOUR	TONNES PER HOUR	TRUCK HOURS	TIRE TONNE KPH
35	1502000	COAL	2174	15.1	4.0	360	4176	251
80	318000	COAL	2145	14.2	4.2	383	831	264
65	676000	COAL	2125	14.0	4.3	389	1737	266
50	1305000	COAL	2112	14.4	4.2	379	3443	257

YEAR 4 SUB TOTALS

MATERIAL TYPE	TONNES	TRUCK HOURS
WASTE	0	0
COAL	3801000	10187
	0	0
TOTAL	3801000	10187

PLANT OPERATING HOURS PER YEAR = 6000

TRUCK AVAILABILITY FACTOR = .72

TRUCK UTILIZATION FACTOR = .75

NUMBER OF TRUCKS REQUIRED = 3.1

HAT CREEK 800MW STUDY

UNIT RIG : M100 BOX CAPACITY : 77.0 CU. METERS
GENERATOR/ALT. : GE TRACTION MOTORS : GE 772
GEAR RATIO : 28.85:1
TIRE SIZE (PLY RATING) : 27.00X49 TONNE-KM/HR RATING : 260.0
ENGINE : CAT MODEL : D348SCAC 990 RATED H.P.

YEAR 5

BENCH	TONNES	TYPE	ROUTE DIST. (M.)	TOTAL CYCLE TIME (MIN)	TRIPS PER HOUR	TONNES PER HOUR	TRUCK HOURS	TIRE TONNE KPH
35	2787000	COAL	2140	14.9	4.0	364	7646	251
27	642000	COAL	2315	15.9	3.8	343	1873	255
95	323000	COAL	1420	10.3	5.6	505	639	231
10	8000	COAL	2230	13.9	4.3	390	21	230

YEAR 5 SUB TOTALS

MATERIAL TYPE	TONNES	TRUCK HOURS
WASTE	0	0
COAL	3760000	10179
	0	0
TOTAL	3760000	10179

PLANT OPERATING HOURS PER YEAR = 6000

TRUCK AVAILABILITY FACTOR = .72

TRUCK UTILIZATION FACTOR = .75

NUMBER OF TRUCKS REQUIRED = 3.1

HAT CREEK 300MW STUDY

UNIT RIG : M100 BOX CAPACITY : 77.0 CU. METERS
GENERATOR/ALT. : GE TRACTION MOTORS : GE 772
GEAR RATIO : 28.65:1
TIRE SIZE (PLY RATING) : 27.00X49 TONNE-KM/HR RATING : 260.0
ENGINE : CAT MODEL : D348SCAC 990 RATED H.P.

YEAR 10

BENCH	TONNES	TYPE	ROUTE DIST. (M.)	TOTAL CYCLE TIME (MIN)	TRIPS PER HOUR	TONNES PER HOUR	TRUCK HOURS	TIRE TONNE KPH
40	5000	COAL	2515	15.3	3.9	357	14	283
25	257000	COAL	2405	14.4	4.2	378	679	293
50	6253000	COAL	1512	12.5	4.8	436	14343	212
10	329000	COAL	1670	11.7	5.1	466	706	250
95	833000	COAL	1705	11.9	5.1	453	1838	251
85	1874000	COAL	1860	12.9	4.7	423	4434	253
65	2259000	COAL	1375	11.5	5.2	474	4764	210
35	2465000	COAL	1599	13.2	4.5	413	5973	212
20	979000	COAL	2106	15.5	3.9	352	2779	239
05	3369000	COAL	2356	16.9	3.5	321	10483	243

YEAR 10 SUB TOTALS

MATERIAL TYPE	TONNES	TRUCK HOURS
WASTE	0	0
COAL	18623000	45994
	0	0
TOTAL	18623000	45994

PLANT OPERATING HOURS PER YEAR = 6000

TRUCK AVAILABILITY FACTOR = .72

TRUCK UTILIZATION FACTOR = .75

NUMBER OF TRUCKS REQUIRED = 14.2

TRUCK HAULAGE PROGRAM (METRIC)

HAT CREEK 800MW STUDY

UNIT RIG : M100 BOX CAPACITY : 77.0 CU. METERS
GENERATOR/ALT. : GE TRACTION MOTORS : GE 772
GEAR RATIO : 28.85:1
TIRE SIZE (PLY RATING) : 27.00X49 TONNE-KM/HR RATING : 260.0
ENGINE : CAT MODEL : D348SCAC 990 RATED H.P.

YEAR 15

BENCH	TONNES	TYPE	ROUTE DIST. (M.)	TOTAL CYCLE TIME (MIN)	TRIPS PER HOUR	TONNES PER HOUR	TRUCK HOURS	TIRE TONNE KPH
55	26000	COAL	2945	16.6	3.6	329	79	311
40	126000	COAL	2835	16.0	3.8	341	370	311
25	249000	COAL	2245	13.7	4.4	397	627	287
35	5302000	COAL	2174	15.3	3.9	356	14893	249
10	339000	COAL	1690	11.7	5.1	464	730	252
95	504000	COAL	1615	11.4	5.2	476	1059	247
80	859000	COAL	1475	11.5	5.2	475	1809	225
50	2470000	COAL	1742	13.4	4.5	406	6079	228
65	1828000	COAL	1440	11.7	5.1	465	3932	215
20	4547000	COAL	2711	17.6	3.4	310	14672	270
05	2869000	COAL	2858	18.6	3.2	292	9814	269

YEAR 15 SUB TOTALS

MATERIAL TYPE	TONNES	TRUCK HOURS
WASTE	0	0
COAL	19119000	54053
	0	0
TOTAL	19119000	54053

PLANT OPERATING HOURS PER YEAR = 6000

TRUCK AVAILABILITY FACTOR = .72

TRUCK UTILIZATION FACTOR = .75

NUMBER OF TRUCKS REQUIRED = 16.7

HAT CREEK 800MW STUDY

UNIT RIG : M100 BOX CAPACITY : 77.0 CU. METERS
GENERATOR/ALT. : GE TRACTION MOTORS : GE 772
GEAR RATIO : 28.85:1
TIRE SIZE (PLY RATING) : 27.00X49 TONNE-KM/HR RATING : 260.0
ENGINE : CAT MODEL : D348SCAC 990 RATED H.P.

YEAR 25

BENCH	TONNES	TYPE	ROUTE DIST. (M.)	TOTAL CYCLE TIME (MIN)	TRIPS PER HOUR	TONNES PER HOUR	TRUCK HOURS	TIRE TONNE KPH
55	178000	COAL	2590	15.4	3.9	352	505	294
40	224000	COAL	2300	14.1	4.2	385	582	284
70	126000	COAL	2810	16.3	3.7	334	377	302
25	317000	COAL	2070	13.5	4.4	402	788	268
10	528000	COAL	1642	12.0	5.0	453	1165	239
95	635000	COAL	1405	11.0	5.5	495	1283	224
65	851000	COAL	1377	11.4	5.3	477	1785	211
50	1260000	COAL	1564	12.6	4.7	431	2925	217
35	2858000	COAL	1751	13.9	4.3	393	7276	221
20	6350000	COAL	1933	15.1	4.0	361	17588	225
05	5582000	COAL	2125	16.3	3.7	334	16712	228
90	10079000	COAL	2382	17.8	3.4	306	32963	234
75	8558000	COAL	2599	19.1	3.1	284	30098	238
60	309000	COAL	2686	20.0	3.0	273	1133	236
80	795000	COAL	1670	12.2	4.9	447	1779	240

YEAR 25 SUB TOTALS

MATERIAL TYPE	TONNES	TRUCK HOURS
WASTE	0	0
COAL	38650000	116960
	0	0
TOTAL	38650000	116960

PLANT OPERATING HOURS PER YEAR = 6000

TRUCK AVAILABILITY FACTOR = .72

TRUCK UTILIZATION FACTOR = .75

NUMBER OF TRUCKS REQUIRED = 36.1

TRUCK HAULAGE PROGRAM (METRIC)

HAT CREEK 500MW STUDY

UNIT RIG : M100 BOX CAPACITY : 77.0 CU. METERS
GENERATOR/ALT. : GE TRACTION MOTORS : GE 772
GEAR RATIO : 28.85:1
TIRE SIZE (PLY RATING) : 27.00X49 TONNE-KM/HR RATING : 260.0
ENGINE : CAT MODEL : D348SCAC 990 RATED H.P.

YEAR 36

BENCH	TONNES	TYPE	ROUTE DIST. (M.)	TOTAL CYCLE TIME (MIN)	TRIPS PER HOUR	TONNES PER HOUR	TRUCK HOURS	TIRE TONNE KPH
40	284000	COAL	1955	12.9	4.7	423	671	266
25	542000	COAL	1815	12.4	4.9	441	1230	257
10	716000	COAL	1675	11.3	5.1	459	1559	247
95	720000	COAL	1582	11.5	5.2	472	1525	240
80	803000	COAL	1535	11.5	5.2	474	1693	234
65	834000	COAL	1582	12.2	4.9	447	1867	227
50	843000	COAL	1769	13.4	4.5	406	2076	231
35	1094000	COAL	1856	14.2	4.2	383	2857	229
20	1294000	COAL	2043	15.4	3.9	353	3669	232
05	3312000	COAL	2230	16.7	3.6	327	10134	234
90	3323000	COAL	2417	17.9	3.4	305	10912	237
75	3362000	COAL	2604	19.1	3.1	285	11793	239
60	9913000	COAL	2791	20.3	3.0	268	36995	240
45	8244000	COAL	3078	21.9	2.7	248	33231	246
30	4857000	COAL	3265	23.2	2.6	235	20667	247

YEAR 36 SUB TOTALS

MATERIAL TYPE	TONNES	TRUCK HOURS
WASTE	0	0
COAL	40141000	140879
	0	0
TOTAL	40141000	140879

PLANT OPERATING HOURS PER YEAR = 6000

TRUCK AVAILABILITY FACTOR = .72

TRUCK UTILIZATION FACTOR = .75

NUMBER OF TRUCKS REQUIRED = 43.5

HAT CREEK 800MW STUDY

UNIT RIG : M100 BOX CAPACITY : 50.0 CU. METERS
GENERATOR/ALT. : GE TRACTION MOTORS : GE 772
GEAR RATIO : 28.85:1
TIRE SIZE (PLY RATING) : 27.00X49 TONNE-KM/HR RATING : 260.0
ENGINE : CAT MODEL : D348SCAC 990 RATED H.P.

YEAR 1

BENCH	TONNES	TYPE	ROUTE DIST. (M.)	TOTAL CYCLE TIME (MIN)	TRIPS PER HOUR	TONNES PER HOUR	TRUCK HOURS	TIRE TONNE KPH
55	216000	WSTE	3500	18.2	3.3	294	734	336
40	1426000	WSTE	3470	17.9	3.4	300	4752	340
25	1060000	WSTE	3340	17.2	3.5	312	3402	340
95	2654000	WSTE	3245	16.9	3.5	317	8371	335
80	2230000	WSTE	3540	18.5	3.2	290	7861	335

YEAR 1 SUB TOTALS

MATERIAL TYPE	TONNES	TRUCK HOURS
WASTE	7636000	25130
COAL	0	0
	0	0
TOTAL	7636000	25130

PLANT OPERATING HOURS PER YEAR = 6000

TRUCK AVAILABILITY FACTOR = .72

TRUCK UTILIZATION FACTOR = .75

NUMBER OF TRUCKS REQUIRED = 7.8

HAT CREEK 300MW STUDY

UNIT RIG : M100 BOX CAPACITY : 50.0 CU. METERS
GENERATOR/ALT. : GE TRACTION MOTORS : GE 772
GEAR RATIO : 28.85:1
TIRE SIZE (PLY RATING) : 27.00X49 TONNE-KM/HR RATING : 260.0
ENGINE : CAT MODEL : D348SCAC 990 RATED H.P.

YEAR 5

BENCH	TONNES	TYPE	ROUTE DIST. (M.)	TOTAL CYCLE TIME (MIN)	TRIPS PER HOUR	TONNES PER HOUR	TRUCK HOURS	TIRE TONNE KPH
55	562000	WSTE	3540	18.0	3.3	298	1885	344
10	1078000	WSTE	3345	18.0	3.3	297	3627	324
40	1696000	WSTE	3477	18.4	3.3	291	5818	331
35	2563000	WSTE	4008	22.3	2.7	241	10661	315
20	254000	WSTE	4183	23.2	2.6	231	1099	315
95	2906000	WSTE	2653	16.7	3.6	322	9025	300
95	2000000	WSTE	2768	16.0	3.7	335	5972	302

YEAR 5 SUB TOTALS

MATERIAL TYPE	TONNES	TRUCK HOURS
WASTE	11064000	38087
COAL	0	0
	0	0
TOTAL	11064000	38087

PLANT OPERATING HOURS PER YEAR = 6000

TRUCK AVAILABILITY FACTOR = .72

TRUCK UTILIZATION FACTOR = .75

NUMBER OF TRUCKS REQUIRED = 11.8

TRUCK HAULAGE PROGRAM (METRIC)

HAT CREEK 300MW STUDY

UNIT RIG : M100 BOX CAPACITY : 50.0 CU. METERS
GENERATOR/ALT. : GE TRACTION MOTORS : GE 772
GEAR RATIO : 28.65:1
TIRE SIZE (PLY RATING) : 27.00X49 TONNE-KM/HR RATING : 260.0
ENGINE : CAT MODEL : D348SCAC 990 RATED H.P.

YEAR 10

BENCH	TONNES	TYPE	ROUTE DIST. (M.)	TOTAL CYCLE TIME (MIN)	TRIPS PER HOUR	TONNES PER HOUR	TRUCK HOURS	TIRE TONNE KPH
70	38000	WSTE	3030	16.1	3.7	334	114	330
40	2450000	WSTE	3100	17.1	3.5	314	7815	317
40	9168000	WSTE	3160	19.3	3.1	279	32903	287
55	1246000	WSTE	3010	16.3	3.7	330	3775	324
10	6302000	WSTE	3145	18.8	3.2	285	22090	293
95	6236000	WSTE	3030	18.6	3.2	288	21620	290
25	5294000	WSTE	2980	17.0	3.5	316	16769	307
65	8842000	WSTE	3310	20.3	3.0	264	33436	286
50	7716000	WSTE	3447	21.3	2.8	252	30645	283
35	1446000	WSTE	3534	22.0	2.7	244	5935	281
20	1410000	WSTE	4051	24.3	2.5	221	6392	292
05	1058000	WSTE	4291	25.8	2.3	208	5081	292

YEAR 10 SUB TOTALS

MATERIAL TYPE	TONNES	TRUCK HOURS
WASTE	51206000	186576
COAL	0	0
	0	0
TOTAL	51206000	186576

PLANT OPERATING HOURS PER YEAR = 6000

TRUCK AVAILABILITY FACTOR = .72

TRUCK UTILIZATION FACTOR = .75

NUMBER OF TRUCKS REQUIRED = 57.6

TRUCK HAULAGE PROGRAM (METRIC)

HAT CREEK 800MW STUDY

UNIT RIG : M100 BOX CAPACITY : 50.0 CU. METERS
GENERATOR/ALT. : GE TRACTION MOTORS : GE 772
GEAR RATIO : 23.85:1
TIRE SIZE (PLY RATING) : 27.00X49 TONNE-KM/HR RATING : 260.0
ENGINE : CAT MODEL : D348SCAC 990 RATED H.P.

YEAR 15

BENCH	TONNES	TYPE	ROUTE DIST. (M.)	TOTAL CYCLE TIME (MIN)	TRIPS PER HOUR	TONNES PER HOUR	TRUCK HOURS	TIRE TONNE KPH
000	340000	WSTE	3527	18.2	3.3	295	1154	339
985	740000	WSTE	3575	18.3	3.3	293	2525	342
970	1096000	WSTE	3630	18.7	3.2	288	3812	341
955	1868000	WSTE	3560	18.5	3.3	291	6429	337
940	2350000	WSTE	3620	19.3	3.1	278	8467	326
925	2048000	WSTE	3555	19.2	3.1	279	7338	324
910	1998000	WSTE	3725	21.1	2.8	255	7843	310
895	1920000	WSTE	3690	20.9	2.9	256	7494	308
880	3356000	WSTE	3470	20.8	2.9	258	12996	292
865	4878000	WSTE	4155	23.6	2.5	228	21436	308
850	4082000	WSTE	4287	24.6	2.4	218	18687	306
835	3602000	WSTE	4609	26.1	2.3	206	17517	309
820	1664000	WSTE	5256	28.8	2.1	186	8934	319
805	1196000	WSTE	5403	29.9	2.0	180	6658	317

YEAR 15 SUB TOTALS

MATERIAL TYPE	TONNES	TRUCK HOURS
WASTE	31138000	131290
COAL	0	0
	0	0
TOTAL	31138000	131290

PLANT OPERATING HOURS PER YEAR = 6000

TRUCK AVAILABILITY FACTOR = .72

TRUCK UTILIZATION FACTOR = .75

NUMBER OF TRUCKS REQUIRED = 40.5

TRUCK HAULAGE PROGRAM (METRIC)

HAT CREEK 500MW STUDY

UNIT RIG : M100 BOX CAPACITY : 50.0 CU. METERS
GENERATOR/ALT. : GE TRACTION MOTORS : GE 772
GEAR RATIO : 28.85:1
TIRE SIZE (PLY RATING) : 27.00X49 TONNE-KM/HR RATING : 260.0
ENGINE : CAT MODEL : D348SCAC 990 RATED H.P.

YEAR 36

BENCH	TONNES	TYPE	ROUTE DIST. (M.)	TOTAL CYCLE TIME (MIN)	TRIPS PER HOUR	TONNES PER HOUR	TRUCK HOURS	TIRE TONNE KPH
40	1894000	WSTE	4220	22.1	2.7	243	7796	334
25	1574000	WSTE	4790	24.8	2.4	216	7277	338
10	1568000	WSTE	4839	26.7	2.2	201	7796	318
95	1652000	WSTE	4652	25.9	2.3	207	7966	315
80	1994000	WSTE	4652	25.9	2.3	207	9616	315
65	1946000	WSTE	4652	26.3	2.3	204	9543	310
50	1640000	WSTE	4739	27.1	2.2	198	8295	306
35	1248000	WSTE	4826	28.0	2.1	192	6504	302
20	1100000	WSTE	4913	28.8	2.1	186	5903	299
05	2018000	WSTE	5000	29.6	2.0	181	11143	295
90	1718000	WSTE	5187	30.8	1.9	174	9878	294
75	1288000	WSTE	5374	32.1	1.9	167	7698	293
60	3064000	WSTE	5561	33.3	1.8	161	19010	292
45	2708000	WSTE	5748	34.5	1.7	155	17417	292
30	1716000	WSTE	5935	35.7	1.7	150	11427	291

YEAR 36 SUB TOTALS

MATERIAL TYPE	TONNES	TRUCK HOURS
WASTE	27128000	147268
COAL	0	0
	0	0
TOTAL	27128000	147268

PLANT OPERATING HOURS PER YEAR = 6000

TRUCK AVAILABILITY FACTOR = .72

TRUCK UTILIZATION FACTOR = .75

NUMBER OF TRUCKS REQUIRED = 45.5

APPENDIX A

Section A.5

HAT CREEK PROJECT

MINING DEPARTMENT

MINTEC COMPUTER PROGAM

800 MW PLANT

MINTEC, INC.

SUMMARY OF COMPUTER FILES
USED IN VARIOUS RESERVE CALCULATIONS
AND MINE PLANNING STUDIES FOR
THE B.C. HYDRO HAT CREEK PROJECT
MARCH 1978 - JUNE 1982

SUMMARY OF COMPUTER FILES
USED IN VARIOUS RESERVE CALCULATIONS
AND MINE PLANNING STUDIES FOR
THE B.C. HYDRO HAT CREEK PROJECT
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INTRODUCTION

Between March 1978 and June 1982, Mintec performed a series of computer studies for the Hat Creek Project. These studies produced various computer data files which may be of future use to B.C. Hydro. The purpose of this report is to describe the contents of these files, how they were developed, and what they were used for.

These files were developed and used by a system of computer programs - MEDSYSTEM. MEDSYSTEM was developed by Mintec and is available from Mintec on a lease, royalty or purchase basis. Many of these data files are stored in a special MEDSYSTEM format developed by Mintec. To allow B.C. Hydro use of these files without MEDSYSTEM, the files have been rewritten in EBSDIC code on magnetic tape at 1600 BPI.

The various files and their uses are summarized in Table I on the following page.

TABLE I

SUMMARY OF HAT CREEK DATA FILES

FILE NAME	DESCRIPTION
BCMR11.DAT BCMR12.DAT	These files contain the drillhole data (location sample analyses, and geology). It is used to plot cross sections and computer composites for zones.
BC2MO9.DAT	This file contains the composite analyses for each zone and is used to compute the quality and quantity of coal in each zone.
VBMBCH.NEW	Variable Block Model (VBM) Geometry. This file contains the geometry of the zones in each cross section and is used as a model of the deposit for volume calculations.
MO2GRD.NEW	Variable Block Model (VBM) Quality file. This file contains the quality of the coal within sub-blocks within each zone.
DTOP2.DAT	Topography Matrix. This file contains a matrix of elevations describing the surface topography for use in volume calculations.
X7TOP.DAT X7PH8.DAT	DIPPER Surface File. This file describes the surface either before mining and after each pit design. This file is in terms of whole blocks-a block is either mined (air) or unmined.
X7BLK.DAT	DIPPER Block File. This file describes the contents of each block in the model in terms of waste volume, coal tons and heat content.
BCHY25.STR	Pit Geometry Files. These files describe the bench median for each bench in each pit design.
SOOHS.DAT	Schedule File. This file contains the material on each bench within each pit sequence.

Drill Hole Data File

Contents

The drill hole data file contains the location and downhole surveys for each hole and information about each interval. The sample data was provided to Mintec by B.C. Hydro.

Development

The data file was extensively modified by B.C. Hydro. The intervals were split based upon geophysical information and a zone code assigned by B.C. Hydro geologists. Adjustments in the sample analyses were made by the B.C. Hydro geologists and are indicated by the sample's code.

Use

The drill hole data was used to plot cross sections and to compute composite values for each zone.

Drill Hole Data File

Each drill hole is described by:

1. UTM coordinates of drill hole collar,
2. Down hole survey coordinates,
3. Sample interval data.

Data Format

1) Collar Data

Format	Columns	Description
I6	1- 6	Drill hole Label
F10.1	7-16	Northing (UTM)
F10.1	17-26	Easting (UTM)
F10.1	27-36	Elevation
F9.3	46-54	Dip
F8.2	55-62	Depth of 1st Survey

2) Survey Data

Format	Columns	Description
I6	1- 6	Drill Hole Label
F10.1	7-16	Depth to Top of Survey
F10.1	17-26	Depth to Bottom of Survey
F10.1	27-36	Length of Survey
F9.3	37-45	Dip
F9.3	46-54	Azimuth

Data Format Cont'd

3) Sample Interval Data

Format	Columns	Description
I6	1- 6	Drill Hole Label
F8.1	7- 14	Depth of Interval Top
F8.1	15- 22	Depth of Interval Bottom
F8.1	23- 30	Length of Interval
F10.2	31- 40	Moisture as Received
F7.2	41- 47	Moisture Air Dry
F7.2	48- 54	Moisture Residual (LAB)
F7.2	55- 61	Moisture Equilibrium
F7.3	62- 68	Kilojoules Per Kilogram
F7.2	69- 75	Percent Ash
F7.2	76- 82	Percent Fixed Carbon
F7.2	83- 89	Percent Volatiles
F7.2	90- 96	Percent Sulfur
F7.0	97-103	Sample Number
I7	104-110	Year Drilled (0 means Unknown)
I7	111-117	Sample Type - 1=Assigned Value 0=Uniform Field Sample
I7	118-124	CMJV Zone Code

Composite Data File

Contents

The composite file contains information describing the intersection of each zone by the drill hole data. For each composite the location of the intersection of the hole and the top of the zone is computed. The zone is divided into coal and waste based upon a heat content cut off and a minimum mining selectivity for waste. The composite analyses are for the coal portion of the zone only. The number of internal partings are also reported.

Development

The compositing calculation was done on the drill hole data based upon the zone codes. The calculated results are stored in the composite file.

Use

The composites computed for each zone have several uses:

1. Plan and section maps.
2. Interpolation of coal quality and quantity between drill holes for the VBM quality file.

Composite Data File

Averages computed from drill hole sample data by weighting by length and specific gravity with a two (2) meter minimum mining thickness.

1) Data Format

Format	Columns	Description
I5	1- 5	Drill Hole Label
F8.1	6- 13	Local Metric Easting at Top of Zone
F8.1	14- 21	Local Metric Northing at Top of Zone
F8.1	22- 29	Local Metric Elevation at Top of Zone
F7.1	30- 26	True Vertical Thickness
F7.2	37- 43	Percent Ash
F7.2	44- 50	Percent Volatiles
F7.3	51- 57	Kilojoules/Kilogram
F7.2	58- 64	Percent Sulfur
F7.2	65- 71	Specific Gravity
F7.2	72- 78	Coal Thickness
F7.2	79- 85	Waste Thickness
F4.0	86- 89	Number of Contacts Coal/Waste
F7.2	90- 96	Total Thickness
I4	97-100	Zone Code

-999 Zone code indicates bottom of hole.

Geologic Section Geometry Data File

Contents

The VBM geometry file contains the geometry of the surface topography and the top of each zone and faults. The top of each zone is subdivided into smaller sub-zones based upon faults and changes in coal quality. The VBM geometry file and VBM quality file together form a model of the deposit.

Development

The VBM geometry file was created by digitizing the geologic sections developed by B.C. Hydro geologists. The data was carefully checked and "normalized" so that common points are exactly equal.

Use

The VBM geometry and quality files are used to:

1. Plot cross sections,
2. Plot plan maps,
3. Compute reserves from digitized pits using the cross section method, and
4. Compute DIPPER B-file for pit designs.

Geologic Section Geometry Data File

Each zone is defined by a string of points that outline the zone top. Each zone is subdivided into sub-zones by faults. These sub-zones are subdivided into blocks with a horizontal length of less than two hundred meters. This subdivision is based upon the top of the zone.

1) Data Format

Format	Columns	Description
I7	1- 7	Geologic Section Number
I7	1- 7	Feature Code
5(2F8.1)	1-80	Digitized Points (5 Pairs per Line)
I7	1- 7	End of Feature (zero)

NOTE

Feature code, digitized points and end of feature is repeated for each string of points within the geologic section. The end of a section's data is indicated by two (2) lines with zero values.

***Note: See appended tables for section numbers, zone codes and feature code structure.

Geologic Section Quality Data File

Content

The VBM quality file contains coal quality information for each block with the zones.

Development

The VBM quality file was developed by interpolation of the composite values by zone. The interpolation used only the data within the section.

Use

The VBM geometry and quality files are used to;

1. Plot cross sections,
2. Plot plan maps,
3. Compute reserves from digitized pits using the cross section method, and
4. Compute DIPPER B-file for pit designs.

Geologic Section Quality Data File

Each digitized zone top line segment has its corresponding quality parameters in this file. The quality parameters are computed from the composited drill hole sample data based on a two (2) meter minimum mining thickness.

1) Data Format

Format	Columns	Description
I6	1- 6	Geologic section Number
I5	1- 5	Feature Code
I5	6-10	Segment Number
F9.2	11-19	Percent Ash
F9.2	20-28	Kilojoules per Kilogram
F9.2	29-37	Percent Sulfur
F9.2	38-46	Coal Thickness
F9.2	47-55	Waste Thickness
F9.2	56-64	Specific Gravity
F9.2	65-73	Number of Coal/Waste Contacts
F9.0	74-82	Ore Code

The above is repeated for each section. End of Data for a section is indicated by zero line.

List of Zone Codes

MINTEC CODE	B.C. HYDRO CODE
111	Top of Zone A1
112	Top of Zone A2
113	Top of Zone A3
114	Top of Zone A4
121	Top of Zone A5
122	Top of Zone A6
211	Top of Zone B1
212	Top of Zone B2
311	Top of Zone C1
321	Top of Zone C2
323	Top of Zone C3
411	Top of Zone D1
412	Top of Zone D2
413	Top of Zone D3
414	Top of Zone D4
415	Bottom of Zone D4
999	Topographic Surface
901	Overburden Surface
988	Burn Zones
99 and 98	Unidentified Faults
1-18	Identified Faults (See Appended List)

DESCRIPTION OF SECTIONS

MINTEC SECTION NUMBER	B.C. HYDRO SECTION LETTER	ACTUAL METRIC NORTHING
25165	H	25146
25015	J	24993
24860	K	24841
24710	L	24688
24555	M	24536
24405	N	24384
24250	P	24231
24100	Q	24079
23950	R	23927
23795	S	23774
23640	T	23622
23490	U	23469
23335	V	23317
23185	W	23164
23035	X	23012
22885	Y	22859
22735	Z	22708
22585	AA	22555

FAULT CODE DESCRIPTION

B.C. HYDRO FAULT NAME	MINTEC CODE
Aleece West 1	1
Aleece West 2	2
Aleece East 1	3
Aleece East 2	4
Aleece East 3	5
Aleece East 4	6
Fault A	7
Fault B	9
Creek Fault	8
Finney Fault 1	17
Finney Fault 2	10
Harry 1	11
Harry 2	12
Harry 3	13
Harry 4	14
Harry 5	15
Harry 6	16
Unidentified	18
Unidentified	99
Unidentified	98

Topographic Matrix Data File

Contents

The topographic matrix is a two dimensional matrix of elevations. These elevations represent the topographic elevations at the center of each block.

Development

The elevations for each block were computed by interpolating between contour line intersections with a line through the center of each row of blocks. (Rows run west to east, columns from south to north)

Use

The topographic matrix has several uses:

1. Mask out pit medians digitized in air.
2. Defining the surface topography for the S-file used for pit design.

Topographic Matrix Data File

Northing and Easting blocks correspond to condensed model geometric dimensions.

1) Data Format

Format	Columns	Description
I5	1- 5	Northing Block Number
I5	6-10	Minimum Easting Block Number
I5	11-15	Maximum Easting Block Number
10I5	16-66	Elevation in Meters of each Block

Elevations were computed from digitized topography contours for each block center.

DIPPER Files

Mintec uses a system of programs for pit design called DIPPER. The moving cone method is used by DIPPER. Two data files are required for DIPPER; the S-file containing topographic data and the B-file containing information for each block. These two files form a 3-D block model of the deposit.

The size of the DIPPER Model has been changed several times. For the work done in 1979 and 1980, the block size for DIPPER was 50m x 50m x 15m. For the work done this year two block sizes were used; 50m x 50m x 7.5m and 25m x 25m x 7.5m.

DIPPER Block File

Contents

The B-file contains the coal tonnes, waste volume and heat content for each blcok with the model.

Development

The values in the B-file are computed from the VBM files for each section and projected halfway to the next section. This means the data for each section has an influence of approximately 150M. Since each section represents three (3) or more east-west rows in the model, the data stored in the B-file is not repeated for each row.

Use

The B-file is used by the DIPPER system for reserve calculations and pit design calculations.

Condensed Mine Model Data File

(DIPPER B-File)

A fixed size was used to divide the area of interest into uniform blocks of geometric dimension with each block having coal tons, waste volume and heat content information.

1) Data Format

The first three lines of the file define the area by its geometric dimensions.

Line 1 has Easting Limits

Line 2 has Northing Limits

Line 3 has Elevation Limits

Format	Columns	Description
F8.1	1- 8	Minimum Coordinate
F8.1	9-16	Maximum Coordinate
F5.1	17-21	Block Size
I4	22-25	Total Number of Blocks(or units)

Line 4 to the end of the file contains the block (or unit) data.

Format	Columns	Description
I4	1- 4	Elevation Block Number (top bench is 1)
I4	5- 8	Northing Block Number (southmost block is 1)
I4	9-12	Easting Block Number (westmost block is 1)
F7.1	13-19	Coal Tons within Block
F7.1	20-26	Waste Volume within Block
F7.1	27-33	Heat Content in Megajoules

DIPPER Surface File

Contents

This file contains the bench number of the top bench unmined for each vertical column of blocks within the DIPPER Model.

Development

The elevations used to compute the S-file are from the topography file.

Use

The S-File contains the surface geometry for either the original topography or each pit design. It is used by the DIPPER programs for pit design and volume calculations.

Ultimate Pit Outline Data File

(DIPPER S-File)

The ultimate pit outline as defined by whole blocks (or units).

1) Data Format

The first three lines of the file define the area by its geometric dimensions.

Line 1 has Easting Limits

Line 2 has Northing Limits

Line 3 has Elevation Limits

Format	Columns	Description
F8.1	1- 8	Minimum Coordinate
F8.1	9-16	Maximum Coordinate
F5.1	17-21	Block Size
I4	22-25	Total Number of Blocks

Line 4 to the end of the file contains the outline limits.

Format	Columns	Description
I5	1- 5	Northing Block Number
I5	6-10	Minimum Easting Block Number
I5	11-15	Maximum Easting Block Number
10I5	16-66	Elevation Blocks Exposed (All material above removed)

Digitized Pit Designs

Each digitized bench median is a closed shape enclosing the material removed.

1) Data Format

Format	Columns	Description
I10	1-10	Bench Elevation
I10	11-20	Pit Code Number
2F12.1	1-24	X,Y, Point
2(1X,F1.0)	1- 4	End of Bench Indicated by two zeros (0.0.)

The above is repeated for each bench within the pit.

**Note: See appended table of pit code numbers.

Note --- These pits are for the June 1982 mining schedule.

Schedule File

Contents

The schedule file contains the reserve summary for material on each bench within each mining sequence used in producing the June 1982 schedule.

Development

For each pit the bench medians were used to compute the fraction of each block to be mined within the pit. Reserves were computed for each pit from the DIPPER MODEL and the difference between each pit computed.

Use

This data is used to compute a mining schedule based upon the yearly production requirements.

Schedule File

The schedule file contains the volume and coal tonnes by bench for each of the sequential pits.

1) Data Format

Line 1 has pit number and name

Lines 2 and 3 have reserves by bench

Lines 2 and 3 are repeated for each bench. A negative bench number is used to indicate the end of data for each pit.

Line 1

Format	Columns	Description
I5	1- 6	Pit Number
A5	7-11	Pit name

Line 2

Format	Columns	Description
I6	1- 6	Bench Toe Elevation
I6	7-12	Bench Number
E16.8	13-28	Total Volume
E16.8	29-44	Coal Tonnes above 9.3m
E16.8	45-60	Coal Tonnes above 13.0m
E16.8	61-76	Coal Tonnes above 16.5m
E16.8	77-92	Coal Tonnes above 20.0m
E16.8	93-108	Coal Tonnes above 23.5m

Line 3

Format	Columns	Description
I6	1- 6	Bench Toe Elevation
I6	7-12	Bench Number
E16.8	13-28	Heat Content above 9.3m
E16.8	23-44	Heat Content above 13.0m
E16.8	45-60	Heat Content above 16.5m
E16.8	61-76	Heat Content above 20.0m
E16.8	77-92	Heat Content above 23.5m

APPENDIX I

LIST OF HAT CREEK DATA FILES

DRILL HOLE FILE

COMPOSITE FILE

VBM GEOMETRY FILE

VBM QUALITY FILE

TOPOGRAPHY MATRIX FILE

DIPPER SURFACE FILE

DIPPER BLOCK FILE

PIT GEOMETRY FILE

SCHEDULE FILE

OUTPUT FROM DRILL HOLE FILE

10008	5624959.4	598677.4		917.9	-90.000		0.000	340.80								
10008																
10008	0.0	17.6	17.6	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0.00	2001.	57	0	800
10008	17.6	17.7	0.1	23.60	0.00	0.00	0.00	15.530	39.66	29.97	30.37	0.29	1.	57	0	800
10008	17.7	30.4	12.7	23.60	0.00	0.00	0.00	15.530	39.66	29.97	30.37	0.29	1.	57	0	0
10008	30.4	60.9	30.5	16.80	0.00	0.00	0.00	19.243	28.85	35.81	35.34	0.24	2.	57	0	0
10008	60.9	91.4	30.5	22.30	0.00	0.00	0.00	20.445	25.23	34.49	40.28	0.37	3.	57	0	0
10008	91.4	121.9	30.5	25.90	0.00	0.00	0.00	20.182	27.26	38.06	34.68	0.31	4.	57	0	0
10008	121.9	152.4	30.5	22.30	0.00	0.00	0.00	19.429	28.19	32.81	39.00	0.33	5.	57	0	0
10008	152.4	182.8	30.4	22.80	0.00	0.00	0.00	21.362	23.96	38.22	37.82	0.27	6.	57	0	0
10008	182.8	213.3	30.5	20.10	0.00	0.00	0.00	23.434	18.65	41.68	39.67	0.28	7.	57	0	0
10008	213.3	243.8	30.5	22.60	0.00	0.00	0.00	24.371	16.54	44.57	38.89	0.28	8.	57	0	0
10008	243.8	274.3	30.5	22.60	0.00	0.00	24.97	25.153	13.70	47.02	39.28	0.35	9.	57	0	0
10008	274.3	304.8	30.5	23.80	0.00	0.00	24.99	25.213	15.35	45.94	38.71	0.31	10.	57	0	0
10008	304.8	320.0	15.2	24.30	0.00	0.00	0.00	22.522	22.59	42.27	35.14	0.42	11.	57	0	0
10008	320.0	340.7	20.7	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0.00	2002.	57	0	0
10009	5624944.9	598364.0		946.2	-90.000		0.000	327.50								
10009																
10009	0.0	27.1	27.1	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0.00	2001.	57	0	800
10009	27.1	46.6	19.5	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0.00	2002.	57	0	0
10009	46.6	49.6	3.0	21.00	0.00	0.00	0.00	0.698	88.99	0.38	10.63	0.00	16.	57	0	0
10009	49.6	55.6	6.0	0.00	0.00	0.00	0.00	0.698	88.99	0.00	0.00	0.00	2003.	57	0	0
10009	55.6	91.4	35.8	19.20	0.00	0.00	0.00	17.647	35.15	31.93	32.92	1.05	1.	57	0	0
10009	91.4	121.9	30.5	22.20	0.00	0.00	0.00	16.833	38.30	28.15	33.55	0.64	2.	57	0	0
10009	121.9	129.0	7.1	21.90	0.00	0.00	0.00	18.047	34.19	33.03	32.78	0.61	3.	57	0	0
10009	129.0	131.5	2.5	12.60	0.00	0.00	0.00	1.628	85.80	0.47	13.73	0.00	4.	57	0	0
10009	131.5	133.3	1.8	22.70	0.00	0.00	0.00	22.027	23.03	36.61	40.36	0.70	5.	57	0	0
10009	133.3	135.0	1.7	12.60	0.00	0.00	0.00	1.628	85.81	0.46	13.73	0.00	901.	57	0	0
10009	135.0	138.6	3.6	21.90	0.00	0.00	0.00	18.047	34.19	33.03	32.78	0.61	902.	57	0	0
10009	138.6	139.9	1.3	12.60	0.00	0.00	0.00	1.628	85.81	0.46	13.73	0.00	903.	57	0	0
10009	139.9	146.3	6.4	21.90	0.00	0.00	0.00	18.047	34.19	33.03	32.78	0.61	904.	57	0	0
10009	146.3	148.1	1.8	22.70	0.00	0.00	0.00	22.027	23.03	36.61	40.36	0.70	905.	57	0	0
10009	148.1	151.1	3.0	20.40	0.00	0.00	0.00	6.866	66.08	12.19	21.73	0.26	14.	57	0	0
10009	151.1	153.9	2.8	16.30	0.00	0.00	0.00	2.326	81.84	0.84	17.32	0.00	15.	57	0	0
10009	153.9	182.8	28.9	20.00	0.00	0.00	0.00	15.770	40.80	29.50	29.70	0.60	6.	57	0	0
10009	182.8	213.3	30.5	20.00	0.00	0.00	0.00	14.304	44.80	26.80	28.40	0.67	7.	57	0	0
10009	213.3	215.1	1.8	19.00	0.00	0.00	23.82	8.487	59.63	16.17	24.20	0.70	8.	57	0	0

OK

OUTPUT FROM COMPOSITE FILE

10023	5567.7	24110.6	973.8	10.00	0.00	0.00	0.000	0.00	0.00	0.00	10.00	0.	10.00	800
10023	5567.7	24110.6	963.7	403.13	36.61	31.92	17.365	0.29	1.47	123.30	279.70	8.	403.00	0
10023	5567.7	24110.6	560.6										403.00-999	
10024	6399.2	23449.4	940.9	55.44	0.00	0.00	0.000	0.00	0.00	0.00	64.00	0.	64.00	800
10024	6429.3	23460.3	885.4	46.43	0.00	0.00	0.000	0.00	0.00	0.00	53.60	0.	53.60	650
10024	6454.5	23469.5	839.0										53.60-999	
10025	6092.9	23765.5	952.5	31.71	0.00	0.00	0.000	0.00	0.00	0.00	36.60	0.	36.60	800
10025	6111.2	23765.5	920.7	23.74	30.70	35.80	18.972	0.63	1.43	19.10	8.30	2.	27.40	111
10025	6124.9	23765.5	897.0	28.76	40.09	31.96	16.011	0.70	1.50	27.80	5.40	3.	33.20	112
10025	6141.5	23765.5	868.2	24.34	46.32	28.84	14.141	0.77	1.55	24.00	4.10	2.	28.10	113
10025	6155.5	23765.5	843.9	39.59	44.53	30.94	14.507	0.56	1.54	27.90	18.90	4.	46.80	114
10025	6180.5	23765.4	804.3	35.24	48.60	30.11	12.466	0.81	1.57	24.90	17.10	7.	42.00	115
10025	6203.4	23765.4	769.1	10.40	0.00	0.00	0.000	0.00	0.00	0.00	12.40	0.	12.40	121
10025	6210.1	23765.4	758.7	20.72	30.73	36.70	19.089	0.60	1.44	24.70	0.00	1.	24.70	211
10025	6223.6	23765.4	738.0	27.10	33.80	34.51	18.085	0.61	1.46	32.30	0.00	1.	32.30	212
10025	6241.2	23765.5	710.9	7.80	0.00	0.00	0.000	0.00	0.00	0.00	9.30	0.	9.30	311
10025	6246.3	23765.4	703.1	15.52	46.07	29.17	14.342	0.53	1.55	15.70	2.80	1.	18.50	321
10025	6256.3	23765.4	687.5	9.48	45.06	27.86	14.730	0.35	1.54	11.30	0.00	0.	11.30	322
10025	6262.5	23765.4	678.1	14.26	40.49	33.86	15.401	0.28	1.51	17.00	0.00	0.	17.00	323
10025	6271.8	23765.4	663.8	21.64	29.44	36.09	19.381	0.25	1.42	25.80	0.00	0.	25.80	411
10025	6285.8	23765.4	642.2	29.45	22.08	39.85	22.092	0.58	1.37	35.10	0.00	0.	35.10	412
10025	6304.9	23765.4	612.7	17.55	16.38	40.55	24.188	0.28	1.33	21.30	0.00	0.	21.30	413
10025	6317.0	23765.4	595.2	17.37	22.24	37.86	22.323	0.41	1.37	21.20	0.00	0.	21.20	414
10025	6329.2	23765.4	577.8	154.46	25.75	34.24	21.029	0.44	1.40	0.40	188.10	1.	188.50	0
10025	6437.3	23765.4	423.3										188.50-999	
10026	6615.0	24130.9	875.9	13.68	0.00	0.00	0.000	0.00	0.00	0.00	16.70	0.	16.70	800
10026	6624.6	24130.9	862.2	13.19	39.53	31.39	16.031	0.66	1.50	14.60	1.50	2.	16.10	115
10026	6633.9	24131.0	849.1	4.10	0.00	0.00	0.000	0.00	0.00	0.00	5.00	0.	5.00	121
10026	6636.7	24131.0	845.0	27.20	49.06	28.76	12.603	0.19	1.57	30.20	3.00	1.	33.20	211
10026	6655.8	24130.9	817.7	29.50	37.86	32.77	16.247	0.30	1.49	36.00	0.00	0.	36.00	212
10026	6676.4	24131.0	788.2	19.75	52.42	24.61	11.693	0.47	1.60	15.40	8.70	2.	24.10	311
10026	6690.3	24131.0	768.5	12.05	48.28	25.93	13.055	0.70	1.57	3.30	11.40	1.	14.70	321
10026	6698.7	24130.9	756.5	16.72	33.47	35.46	17.945	1.32	1.46	13.00	7.40	2.	20.40	322
10026	6710.4	24130.9	739.7	23.60	35.25	34.24	17.530	1.53	1.47	28.30	0.50	1.	28.80	323
10026	6726.9	24130.9	716.1	24.99	22.98	39.39	21.813	1.00	1.38	30.50	0.00	1.	30.50	411
10026	6744.4	24130.9	691.1	195.35	37.34	33.50	17.569	1.14	1.48	30.50	207.90	2.	238.40	0
10026	6881.2	24131.0	495.8										238.40-999	
10027	6851.8	24087.1	927.4	90.67	0.00	0.00	0.000	0.00	0.00	0.00	128.00	0.	128.00	800
10027	6942.2	24087.1	836.8	238.05	0.00	0.00	0.000	0.00	0.00	0.00	329.50	0.	329.50	650

OK

OUTPUT FROM VBM QUALITY FILE

22585

122	121	0.01	0.01	0.01	0.01	0.01	0.010	0.01
212	121	0.01	0.01	0.01	0.01	0.01	0.010	0.01
311	121	0.01	0.01	0.01	0.01	0.01	0.010	0.01
111	11	49.40	13.00	0.01	24.29	2.76	1.580	3.97
111	12	29.03	19.78	0.43	17.51	7.51	1.420	2.80
111	13	19.83	22.83	0.65	17.36	5.27	1.350	2.24
111	14	16.83	23.82	0.75	20.13	0.30	1.330	2.01
111	15	18.21	23.37	0.71	18.92	2.49	1.340	2.11
112	11	56.89	10.34	0.81	3.91	26.90	1.630	2.00
112	12	50.42	12.59	0.92	17.51	33.32	1.580	6.43
112	13	48.41	13.28	0.96	21.75	35.32	1.560	7.80
112	14	48.74	13.17	0.95	21.05	34.99	1.570	7.58
113	11	55.42	10.81	0.63	13.01	28.71	1.610	4.60
113	12	54.13	11.23	0.65	12.41	28.53	1.610	4.45
113	13	51.32	12.15	0.67	11.11	28.12	1.580	4.13
113	14	58.85	9.69	0.60	14.60	29.20	1.640	5.00
114	11	51.59	11.79	0.77	11.37	53.28	1.590	4.06
114	12	46.45	13.61	0.72	12.34	43.34	1.560	4.87
114	13	47.45	13.25	0.73	12.15	45.28	1.560	4.71
114	14	45.60	13.91	0.71	12.50	41.70	1.550	5.00
121	11	53.70	11.54	0.63	10.60	30.19	1.610	5.79
121	12	54.42	11.51	0.70	10.18	30.57	1.610	4.96
121	13	55.07	11.48	0.76	9.80	30.91	1.610	4.20
121	14	54.80	11.49	0.74	9.96	30.77	1.610	4.52
121	15	54.66	11.49	0.72	10.04	30.69	1.610	4.68
122	11	0.01	0.01	0.01	0.01	0.01	0.010	0.01
122	12	0.01	0.01	0.01	0.01	0.01	0.010	0.01
122	13	0.01	0.01	0.01	0.01	0.01	0.010	0.01
122	14	0.01	0.01	0.01	0.01	0.01	0.010	0.01
122	15	0.01	0.01	0.01	0.01	0.01	0.010	0.01
211	11	55.53	10.75	0.67	8.69	26.84	1.610	3.78
211	12	55.53	10.75	0.67	8.68	26.94	1.610	3.79
211	13	54.15	11.25	0.53	9.34	2.29	1.600	2.15
211	14	54.46	11.13	0.56	9.19	7.88	1.600	2.52
211	15	54.57	11.09	0.58	9.14	9.87	1.600	2.66
212	11	0.01	0.01	0.01	0.01	0.01	0.010	0.01
212	12	0.01	0.01	0.01	0.01	0.01	0.010	0.01
212	13	0.01	0.01	0.01	0.01	0.01	0.010	0.01

OK

OUTPUT FROM VBM GEOMETRY FILE

```
 22585
 10000
 6133.5   951.2   6132.0   946.9   5942.9   220.8
     0
  5000
 5349.6  1012.5  5346.8  1009.1  5330.5  988.8  5318.9  968.9  5309.5  948.7
 5300.2   926.2  5295.4   906.4  5288.7  884.7  5284.0  858.9  5278.5  836.8
 5273.7   812.8  5270.9   789.2  5265.5  756.5  5262.3  727.6  5258.3  695.7
     0
212121
 5278.5  1002.1  5281.7   999.0  5290.1  996.4  5295.8  994.9  5300.4  990.0
 5305.0   985.5  5308.1   979.5  5311.2  971.9  5315.1  965.1  5316.3  963.2
     0
311121
 5277.5  1001.8  5282.1   997.5  5290.5  991.1  5297.0  983.2  5301.3  976.4
 5306.7   967.7  5309.0   961.2  5311.9  953.9
     0
413121
 5124.9   977.3  5139.0   968.8  5147.4  962.8  5161.2  955.4  5181.9  940.4
 5198.8   926.1  5215.3   913.7  5230.3  905.1  5237.1  902.9  5241.4  899.1
 5244.1   895.3  5245.6   890.8  5249.9  881.7  5254.9  872.6  5259.6  860.9
 5269.7   843.5  5274.0   831.4  5276.7  828.0
     0
414121
 5125.5   977.4  5139.4   969.2  5147.4  962.5  5161.2  955.4  5181.6  940.7
 5198.4   926.5  5215.3   913.7  5229.5  905.1  5234.9  898.7  5241.8  891.5
 5249.5   881.0  5255.3   873.0  5259.6  861.3  5269.7  843.2  5274.3  831.4
 5276.8   828.3
     0
415120
 5123.5   977.3  5127.5   974.1  5147.5  958.7  5174.0  937.2  5198.5  915.1
 5224.3   887.6  5242.8   864.9  5262.8  839.3  5273.6  825.0  5275.6  822.5
     0
999000
 4889.0  1057.0  4993.5  1049.6  5095.3  1047.4  5219.9  1045.5  5304.6  1040.6
 5371.7  1032.1  5436.6  1022.0  5501.4  1019.9  5572.3  1012.2  5621.9  1008.1
 5659.7  1005.8  5705.5   999.7  5743.6   995.1  5786.7   994.0  5791.3   993.3
 5809.0   990.3  5874.5   986.8  5972.1   981.7  6100.8   978.4  6203.3   975.6
```

OK

OUTPUT FROM TOPOGRAPHY MATRIX FILE

1	1	10	1133	1131	1127	1124	1120	1117	1114	1111	1107	1104
1	11	20	1102	1099	1097	1094	1092	1089	1087	1084	1081	1078
1	21	30	1076	1073	1071	1068	1065	1062	1060	1058	1056	1054
1	31	40	1052	1050	1048	1046	1044	1041	1039	1037	1035	1033
1	41	50	1031	1029	1027	1026	1024	1023	1021	1019	1017	1016
1	51	60	1014	1013	1011	1010	1008	1007	1005	1003	1001	1000
1	61	70	998	997	995	994	992	991	990	989	987	986
1	71	80	985	985	985	985	985	985	985	985	985	985
1	81	90	985	985	985	985	985	985	985	985	985	985
1	91	100	985	984	984	983	982	981	979	978	976	975
1	101	110	974	973	971	969	967	964	960	957	954	951
1	111	120	948	945	943	938	932	928	926	925	925	925
1	121	130	925	925	925	925	925	925	925	925	925	925
1	131	140	925	927	929	930	932	934	936	939	943	945
2	1	10	1132	1130	1127	1123	1120	1116	1113	1110	1106	1104
2	11	20	1101	1099	1096	1094	1091	1089	1087	1084	1081	1078
2	21	30	1076	1073	1071	1068	1065	1063	1060	1058	1056	1054
2	31	40	1052	1050	1048	1046	1044	1042	1039	1037	1035	1033
2	41	50	1031	1029	1027	1026	1024	1023	1021	1019	1017	1016
2	51	60	1014	1013	1011	1010	1008	1006	1005	1003	1002	1000
2	61	70	999	997	996	994	993	991	990	989	987	986
2	71	80	985	984	984	984	984	984	984	984	984	983
2	81	90	983	983	983	983	983	983	983	982	982	982
2	91	100	982	982	981	981	980	979	978	976	975	974
2	101	110	973	972	971	969	966	963	960	957	954	951
2	111	120	948	945	942	938	931	927	925	923	923	922
2	121	130	921	921	921	921	922	922	922	922	923	923
2	131	140	924	925	927	929	931	933	935	937	941	943
3	1	10	1132	1130	1126	1122	1119	1115	1111	1108	1105	1102
3	11	20	1100	1098	1095	1093	1091	1089	1086	1083	1080	1078
3	21	30	1075	1073	1070	1068	1065	1063	1061	1058	1056	1054
3	31	40	1052	1050	1048	1046	1044	1042	1040	1038	1036	1034
3	41	50	1031	1029	1027	1026	1024	1023	1021	1019	1017	1015
3	51	60	1014	1012	1011	1009	1008	1006	1005	1004	1002	1001
3	61	70	999	998	996	995	993	992	990	989	987	986
3	71	80	985	984	984	984	983	983	982	982	982	981
3	81	90	981	981	980	980	979	979	979	978	978	978
3	91	100	977	977	976	976	975	975	974	974	973	972

OK

OUTPUT FROM THE DIPPER SURFACE FILE

```
 4250.0   7750.0 25.0 140
22250.0  25750.0 25.0 140
  467.5   1142.5  7.5  90
140   1  20 34 34 34 34 35 35 35 35 35 35 36 36 36 36 36 36 36 36 36 36
140  21  40 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 37 37
140  41  60 38 38 38 39 39 39 40 40 40 40 40 40 40 40 40 40 40 39 38 37
140  61  80 37 37 36 36 36 36 36 35 35 35 35 35 35 35 35 35 35 34 34 34
140  81 100 34 34 33 33 33 32 32 31 31 31 30 30 30 29 29 29 29 29 28 28
140 101 120 28 28 28 28 27 27 27 27 27 27 27 26 26 26 26 26 26 26 25 25
140 121 140 25 25 25 25 25 25 24 24 24 24 24 24 24 24 23 23 23 23 23 23
139   1  20 34 34 34 34 34 35 35 35 35 35 35 36 36 36 36 36 36 36 36 36
139  21  40 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 37
139  41  60 38 38 38 39 39 39 40 40 40 40 40 40 40 40 40 40 40 39 38 37
139  61  80 37 37 36 36 36 36 35 35 35 35 35 35 35 35 35 34 34 34 34 34
139  81 100 34 33 33 33 33 32 32 31 31 31 30 30 30 29 29 29 29 28 28 28
139 101 120 28 28 28 27 27 27 27 27 27 27 26 26 26 26 26 26 26 25 25 25
139 121 140 25 25 25 25 25 24 24 24 24 24 24 24 24 24 23 23 23 23 23 23
138   1  20 33 34 34 34 34 34 35 35 35 35 35 35 36 36 36 36 36 36 36 36
138  21  40 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 37
138  41  60 37 38 38 39 39 39 40 40 40 40 40 40 40 40 40 40 40 39 39 38
138  61  80 37 37 36 36 36 35 35 35 35 35 35 35 35 34 34 34 34 34 34 34 33
138  81 100 33 33 33 33 32 32 32 31 31 31 30 30 29 29 29 29 28 28 28 28
138 101 120 28 27 27 27 27 27 27 27 26 26 26 26 26 26 26 26 25 25 25 25
138 121 140 25 25 25 25 24 24 24 24 24 24 24 24 24 23 23 23 23 23 23 23
137   1  20 33 33 34 34 34 34 34 35 35 35 35 35 35 36 36 36 36 36 36 36
137  21  40 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36
137  41  60 37 38 38 39 39 39 40 40 40 40 40 40 40 40 40 40 40 40 39 38
 37  61  80 37 37 36 36 36 35 35 35 35 35 35 35 35 34 34 34 34 34 33 33 33
.37  81 100 33 33 33 33 32 32 32 31 31 30 30 30 29 29 29 28 28 28 28 27
137 101 120 27 27 27 27 27 27 26 26 26 26 26 26 26 26 26 26 25 25 25 25 25
137 121 140 25 25 25 25 24 24 24 24 24 24 24 24 24 23 23 23 23 23 23 23
136   1  20 33 33 33 34 34 34 34 34 35 35 35 35 35 35 35 35 35 35 36 36 36
136  21  40 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36
136  41  60 37 37 38 38 39 39 39 40 40 40 40 40 40 40 40 40 40 40 40 40 39
136  61  80 38 37 36 36 36 35 35 35 35 35 35 34 34 34 34 34 34 33 33 33
136  81 100 33 33 33 32 32 32 32 31 31 30 30 29 29 29 28 28 28 28 27 27
136 101 120 27 27 27 26 26 26 26 26 26 26 26 26 25 25 25 25 25 25 25 25 25
136 121 140 25 25 25 24 24 24 24 24 24 24 24 24 24 23 23 23 23 23 23 23 23
135   1  20 33 33 33 33 34 34 34 34 34 34 34 35 35 35 35 35 35 35 35 35 35
```

OK

OUTPUT FROM PIT GEOMETRY FILE

835	810
6353.6	24275.6
6378.2	24275.7
6402.9	24275.7
6427.6	24275.8
6452.3	24275.8
6465.8	24275.9
6479.4	24275.9
6497.2	24270.8
6511.2	24259.4
6521.4	24250.0
6531.6	24240.5
6540.6	24221.4
6540.7	24210.0
6540.8	24197.2
6540.8	24184.4
6540.9	24171.6
6540.9	24158.8
6541.0	24146.0
6541.0	24133.2
6541.1	24120.5
6541.1	24107.7
6541.2	24094.9
6541.2	24082.1
6541.3	24069.3
6541.4	24056.5
6541.4	24043.7
6541.5	24030.9
6541.5	24018.1
6541.6	24005.3
6541.6	23992.5
6541.7	23979.7
6541.7	23966.9
6541.8	23954.1
6541.8	23940.1
6541.9	23926.0
6540.7	23912.0
6534.5	23889.2

OK

OUTPUT FROM SCHEDULE FILE

1 X7PH1

948	26	0.3750000D+02	0.0000000D+00	0.0000000D+00	0.0000000D+00	0.0000000D+00	0.0000000D+00
	26	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
940	27	0.2484375D+03	0.0000000D+00	0.0000000D+00	0.0000000D+00	0.0000000D+00	0.0000000D+00
	27	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
933	28	0.2953125D+03	0.0000000D+00	0.0000000D+00	0.0000000D+00	0.0000000D+00	0.0000000D+00
	28	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
925	29	0.4922625D+03	0.4020000D+02	0.4020000D+02	0.4020000D+02	0.0000000D+00	0.0000000D+00
	29	0.0000000E+00	0.1775970E+02	0.1775970E+02	0.1775970E+02	0.0000000E+00	0.0000000E+00
918	30	0.5825625D+03	0.1043000D+03	0.1043000D+03	0.8090000D+02	0.0000000D+00	0.0000000D+00
	30	0.0000000E+00	0.1704717E+02	0.1704717E+02	0.1789963E+02	0.0000000E+00	0.0000000E+00
910	31	0.9864250D+03	0.2517000D+03	0.2517000D+03	0.1660000D+03	0.0000000D+00	0.0000000D+00
	31	0.0000000E+00	0.1654617E+02	0.1654617E+02	0.1740590E+02	0.0000000E+00	0.0000000E+00
903	32	0.9584750D+03	0.3059000D+03	0.3011000D+03	0.1233000D+03	0.0000000D+00	0.0000000D+00
	32	0.0000000E+00	0.1593622E+02	0.1600216E+02	0.1722928E+02	0.0000000E+00	0.0000000E+00
895	33	0.1016788D+04	0.4254000D+03	0.4254000D+03	0.1971000D+03	0.0000000D+00	0.0000000D+00
	33	0.0000000E+00	0.1646497E+02	0.1646497E+02	0.1771218E+02	0.0000000E+00	0.0000000E+00
888	34	0.8363125D+03	0.4763000D+03	0.4619000D+03	0.2791000D+03	0.6000000D+00	0.6000000D+00
	34	0.0000000E+00	0.1654598E+02	0.1666276E+02	0.1785052E+02	0.2180000E+02	0.2180000E+02
880	35	0.8632625D+03	0.7084000D+03	0.6994000D+03	0.3776000D+03	0.9180000D+02	0.9180000D+02
	35	0.0000000E+00	0.1704626E+02	0.1712226E+02	0.1924274E+02	0.2217124E+02	0.2217124E+02
873	36	0.1168488D+04	0.8027000D+03	0.7829000D+03	0.4990000D+03	0.2400000D+03	0.2400000D+03
	36	0.0000000E+00	0.1794134E+02	0.1812233E+02	0.1997273E+02	0.2213700E+02	0.2213700E+02
865	37	0.9875625D+03	0.1060100D+04	0.1005500D+04	0.6408000D+03	0.3696000D+03	0.3696000D+03
	37	0.0000000E+00	0.1805990E+02	0.1840943E+02	0.2036030E+02	0.2207792E+02	0.2207792E+02

APPENDIX II

COORDINATE CONVERSION SUBROUTINES

UTM TO METRIC CONVERSION

METRIC TO UTM CONVERSION

```
      SUBROUTINE MTUTM (XM, YM, ZM, XUTM, YUTM, ZUTM)
C
C.....METRIC TO UTM CONVERSION
C
      DOUBLE PRECISION XMD,YMD,ZMD,XUTMD,YUTMD,ZUTMZ
C
      OMX = 1.447587142857D+04
      OMY = 2.090472857143D+04
      OMZ = 1.140170000000D+03
      OUX = 6.069464171429D+05
      OUY = 5.621921064286D+06
      OUZ = 1.140170000000D+03
      CXX = 9.994996646385D-01
      CXY =-1.894636140858D-02
      CXZ = 7.107549099939D-06
      CYX = 1.894636148172D-02
      CYY = 9.994996646087D-01
      CYZ =-1.036360238438D-05
      CZX =-6.909856924465D-06
      CZY = 1.049644634498D-05
      CZZ = 9.996792206081D-01
C
C
      XMD = XM
      YMD = YM
      ZMD = ZM
C
      X = XMD - OMX
      Y = YMD - OMY
      Z = ZMD - OMZ

      XUTMD = OUX  +   CXX*X + CXY*Y + CXZ*Z
      YUTMD = OUY  +   CYX*X + CYY*Y + CYZ*Z
      ZUTMD = OUZ  +   CZX*X + CZY*Y + CZZ*Z
C
      XUTM = XUTMD
      YUTM = YUTMD
      ZUTM = ZUTMD
C
      RETURN
      END


OK
```

```
      SUBROUTINE UTMTM (XUTM, YUTM, ZUTM, XM, YM, ZM)
C
C.....UTM TO METRIC CONVERSION
C
      DOUBLE PRECISION XUTMD,YUTMD,ZUTMD,XMD,YMD,ZMD

      OMX = 1.447587142857D+04
      OMY = 2.090472857143D+04
      OMZ = 1.140170000000D+03
      OUX = 6.069464171429D+05
      OUY = 5.621921064286D+06
      OUZ = 1.140170000000D+03
      CXX = .10001411975860+01
      CXY = .18958522281310-01
      CXZ =-.69142920443850-05
      CYX =-.18958522208140-01
      CYY = .10001411975560+01
      CYZ = .10503183531950-04
      CZX = .71121111093890-05
      CZY =-.10370254304920-04
      CZZ = .10003208688040+01
C
C
      XUTMD = XUTM
      YUTMD = YUTM
      ZUTMD = ZUTM
C
      XMD = OMX  +   CXX*(XUTMD-OUX) + CXY*(YUTMD-OUY) + CXZ*(ZUTMD-OUZ)
      YMD = OMY  +   CYX*(XUTMD-OUX) + CYY*(YUTMD-OUY) + CYZ*(ZUTMD-OUZ)
      ZMD = OMZ  +   CZX*(XUTMD-OUX) + CZY*(YUTMD-OUY) + CZZ*(ZUTMD-OUZ)

C ******** EQUATIONS ABOVE ARE FOR UTM TO CMJV
C           GRID SYSTEM - SECTION 18=5800E, Q=2410ON
C
C  ****** CONSTANTS BELOW CORRECT TO LOCAL METRIC
C
      XM = XMD -8.8
      YM = YMD -20.8
C
      ZM = ZMD
C
      RETURN
      END


OK
```

APPENDIX A

Section A.6

HAT CREEK PROJECT

MINING DEPARTMENT

PRODUCTION SCHEDULES AND COAL RESERVES

800 MW PLANT

** 800 MV STUDY ADJUSTED MINE PLAN BASED UPON DIGITIZED PITS **

SCHEDULE ASSUMPTIONS

YEAR	HHV*COAL	COAL	MIN-SR	MAX-SR
2	20725.	1145.	0.000	3.000
3	52074.	2877.	0.000	1.500
4	64943.	3588.	0.000	1.200
5	68237.	3770.	0.000	1.200
6	69287.	3828.	0.000	1.000
7	69287.	3828.	0.000	1.000
8	69287.	3828.	0.000	1.000
9	69287.	3828.	0.000	1.000
10	69287.	3828.	0.000	1.000
11	69287.	3828.	0.000	0.900
12	69287.	3828.	0.000	0.900
13	69287.	3828.	0.000	0.900
14	69287.	3828.	0.000	0.900
15	69287.	3828.	0.000	0.900
16	69287.	3828.	0.000	0.900
17	69287.	3828.	0.000	0.900
18	69287.	3828.	0.000	0.900
19	69287.	3828.	0.000	0.900
20	69287.	3828.	0.000	0.900
21	69287.	3828.	0.000	0.900
22	69287.	3828.	0.000	0.900
23	69287.	3828.	0.000	0.900
24	69287.	3828.	0.000	0.900
25	69287.	3828.	0.000	0.900
26	69287.	3828.	0.000	0.900
27	69287.	3828.	0.000	0.900
28	69287.	3828.	0.000	0.900
29	69287.	3828.	0.000	0.900
30	69287.	3828.	0.000	0.900
31	69287.	3828.	0.000	0.900
32	69287.	3828.	0.000	0.900
33	69287.	3828.	0.000	0.900
34	69287.	3828.	0.000	0.900
35	69287.	3828.	0.000	0.900
36	69287.	3828.	0.000	0.900
37	29213.	1614.	0.000	0.900

PREPRODUCTION ASSUMED (000S) = 3000.

REQUIRED HHV = 18.10

** 800 MW STUDY ADJUSTED MINE PLAN BASED UPON DIGITIZED PITS **

** U N A D J U S T E D S C H E D U L E **

YEAR	YEARLY SCHEDULE				CUMULATIVE SCHEDULE			
	COAL	MJ	BCM	S.R.	COAL	MJ	BCM	S.R.
0	388.	16.81	2612.	6.725 *	388.	16.81	2612.	6.725 *
1	1264.	16.39	2902.	2.295 *	1264.	16.39	2902.	2.295 *
2	2899.	17.96	3081.	1.063 *	4164.	17.48	5983.	1.437 *
3	3314.	19.59	566.	0.171 *	7478.	18.42	6548.	0.876 *
4	3794.	17.98	13310.	3.508 *	11272.	18.27	19858.	1.762 *
5	3843.	18.03	2778.	0.723 *	15115.	18.21	22636.	1.498 *
6	3539.	19.58	693.	0.196 *	18654.	18.47	23329.	1.251 *
7	3514.	19.72	4177.	1.189 *	22169.	18.67	27506.	1.241 *
8	3775.	18.35	9900.	2.623 *	25944.	18.62	37407.	1.442 *
9	3437.	20.16	873.	0.254 *	29380.	18.80	38280.	1.303 *
10	3396.	20.40	555.	0.163 *	32776.	18.97	38835.	1.185 *
11	3509.	19.75	6453.	1.839 *	36284.	19.04	45287.	1.248 *
12	4097.	16.91	3057.	0.746 *	40381.	18.83	48344.	1.197 *
13	4018.	17.25	1189.	0.296 *	44399.	18.68	49533.	1.116 *
14	3670.	18.88	693.	0.189 *	48069.	18.70	50226.	1.045 *
15	3438.	20.15	662.	0.193 *	51507.	18.80	50889.	0.988 *
16	3419.	20.26	627.	0.183 *	54926.	18.89	51516.	0.938 *
17	3410.	20.32	653.	0.191 *	58335.	18.97	52169.	0.894 *
18	4071.	17.02	9926.	2.438 *	62406.	18.84	62094.	0.995 *
19	4259.	16.27	1537.	0.361 *	66665.	18.68	63631.	0.954 *
20	3999.	17.33	650.	0.163 *	70664.	18.60	64281.	0.910 *
21	3535.	19.60	536.	0.152 *	74199.	18.65	64817.	0.874 *
22	3570.	19.41	4830.	1.354 *	77769.	18.69	69651.	0.896 *
23	4291.	16.15	4945.	1.152 *	82060.	18.55	74596.	0.909 *
24	4275.	16.21	952.	0.223 *	86335.	18.44	75548.	0.875 *
25	3989.	17.37	456.	0.114 *	90324.	18.39	76005.	0.841 *
26	3413.	20.30	645.	0.189 *	93737.	18.46	76650.	0.818 *
27	4033.	17.18	11203.	2.778 *	97769.	18.41	87853.	0.899 *
28	4092.	16.93	3643.	0.890 *	101862.	18.35	91496.	0.898 *
29	4037.	17.16	1212.	0.300 *	105899.	18.30	92707.	0.875 *
30	3961.	17.49	670.	0.169 *	109860.	18.27	93377.	0.850 *
31	3862.	17.94	448.	0.116 *	113722.	18.26	93825.	0.825 *
32	3455.	20.05	647.	0.187 *	117177.	18.31	94472.	0.806 *
33	4148.	16.70	6551.	1.579 *	121325.	18.26	101023.	0.833 *
34	4394.	15.77	3360.	0.765 *	125719.	18.17	104383.	0.830 *
35	4052.	17.10	1221.	0.301 *	129771.	18.14	105604.	0.814 *
36	1090.	17.54	200.	0.184 *	130860.	18.13	105804.	0.809 *

YEAR 0 IS PREPRODUCTION AND IS NOT INCLUDED IN THE CUMULATIVE TOTALS

** 800 MV STUDY ADJUSTED MINE PLAN BASED UPON DIGITIZED PITS **

STRIPPING RATIO ANALYSIS

PERIOD	UNADJUSTED SCHEDULE				ADJUSTED SCHEDULE			
	WASTE	S.R.	CUM.	S.R.	WASTE	S.R.	CUM.	S.R.
1	2902.	2.30	2902.	2.30	3793.	3.00	3793.	3.00
2	3081.	1.06	5983.	1.44	4349.	1.50	8142.	1.96
3	566.	0.17	6548.	0.88	3977.	1.20	12119.	1.62
4	13310.	3.51	19858.	1.76	4553.	1.20	16673.	1.48
5	2778.	0.72	22636.	1.50	3843.	1.00	20515.	1.36
6	693.	0.20	23329.	1.25	3539.	1.00	24055.	1.29
7	4177.	1.19	27506.	1.24	3514.	1.00	27569.	1.24
8	9900.	2.62	37407.	1.44	6010.	1.59	33579.	1.29
9	873.	0.25	38280.	1.30	1667.	0.49	35246.	1.20
10	555.	0.16	38835.	1.18	3056.	0.90	38302.	1.17
11	6453.	1.84	45287.	1.25	3158.	0.90	41459.	1.14
12	3057.	0.75	48344.	1.20	3057.	0.75	44516.	1.10
13	1189.	0.30	49533.	1.12	1189.	0.30	45705.	1.03
14	693.	0.19	50226.	1.04	693.	0.19	46398.	0.97
15	662.	0.19	50889.	0.99	2059.	0.60	48457.	0.94
16	627.	0.18	51516.	0.94	3077.	0.90	51534.	0.94
17	653.	0.19	52169.	0.89	3069.	0.90	54603.	0.94
18	9926.	2.44	62094.	1.00	3664.	0.90	58266.	0.93
19	1537.	0.36	63631.	0.95	1537.	0.36	59803.	0.90
20	650.	0.16	64281.	0.91	708.	0.18	60511.	0.86
21	536.	0.15	64817.	0.87	3181.	0.90	63693.	0.86
22	4834.	1.35	69651.	0.90	3213.	0.90	66906.	0.86
23	4945.	1.15	74596.	0.91	3862.	0.90	70768.	0.86
24	952.	0.22	75548.	0.88	2966.	0.69	73734.	0.85
25	456.	0.11	76005.	0.84	3590.	0.90	77324.	0.86
26	645.	0.19	76650.	0.82	3071.	0.90	80396.	0.86
27	11203.	2.78	87853.	0.90	3629.	0.90	84025.	0.86
28	3643.	0.89	91496.	0.90	3643.	0.89	87668.	0.86
29	1212.	0.30	92707.	0.88	1212.	0.30	88879.	0.84
30	670.	0.17	93377.	0.85	670.	0.17	89549.	0.82
31	448.	0.12	93825.	0.83	803.	0.21	90352.	0.79
32	647.	0.19	94472.	0.81	3109.	0.90	93462.	0.80
33	6551.	1.58	101023.	0.83	3733.	0.90	97195.	0.80
34	3360.	0.76	104383.	0.83	3360.	0.76	100555.	0.80
35	1221.	0.30	105604.	0.81	1221.	0.30	101776.	0.78
36	200.	0.18	105804.	0.81	2414.	2.22	104190.	0.80

** 800 MV STUDY ADJUSTED MINE PLAN BASED UPON DIGITIZED PITS **

BENCH #	X7PH1					X7PH2					X7PH3				
	ORE	%	WASTE	S.R.	YR	ORE	%	WASTE	S.R.	YR	ORE	%	WASTE	S.R.	YR
955. 25	0.	0.0	0.	0.00	-1.	0.	0.0	108.	0.00	2.	0.	0.0	23.	0.00	3.
947. 26	0.	0.0	58.	0.00	1.	0.	0.0	258.	0.00	2.	0.	0.0	38.	0.00	3.
940. 27	0.	0.0	248.	0.00	1.	0.	0.0	455.	0.00	2.	0.	0.0	98.	0.00	3.
932. 28	0.	0.0	295.	0.00	1.	0.	0.0	530.	0.00	2.	0.	0.0	108.	0.00	3.
925. 29	40.	17.8	492.	9.99	1.	0.	0.0	877.	0.00	3.	0.	0.0	267.	0.00	3.
917. 30	104.	17.0	583.	5.59	1.	10.	19.3	986.	9.99	3.	0.	0.0	473.	0.00	3.
910. 31	252.	16.5	986.	3.92	1.	79.	18.0	1315.	9.99	4.	17.	15.6	1077.	9.99	4.
902. 32	306.	15.9	958.	3.13	1.	182.	17.1	1152.	6.33	4.	118.	15.7	1130.	9.56	6.
895. 33	425.	16.5	1017.	2.39	2.	241.	16.5	1273.	5.28	4.	205.	16.5	1323.	6.45	6.
887. 34	476.	16.5	836.	1.76	2.	286.	15.8	1151.	4.02	4.	229.	16.7	1227.	5.35	7.
880. 35	708.	17.0	863.	1.22	2.	318.	15.8	1309.	4.12	5.	314.	16.4	1377.	4.38	7.
872. 36	803.	17.9	1168.	1.46	3.	323.	16.0	1482.	4.59	5.	345.	16.5	1595.	4.62	7.
865. 37	1060.	18.1	988.	0.93	3.	353.	16.1	1461.	4.14	5.	419.	17.1	1739.	4.15	7.
857. 38	1269.	19.3	407.	0.32	3.	522.	16.7	1209.	2.32	5.	421.	18.3	1789.	4.25	9.
850. 39	1541.	19.5	210.	0.14	4.	783.	17.2	1030.	1.32	5.	1368.	19.5	1120.	0.82	10.
842. 40	1236.	20.0	97.	0.08	4.	1009.	17.9	676.	0.67	6.	1742.	20.1	557.	0.32	10.
835. 41	1276.	20.2	65.	0.05	5.	1152.	18.0	576.	0.50	6.	1906.	20.2	438.	0.23	11.
827. 42	0.	0.0	0.	0.00	-1.	2114.	19.5	417.	0.20	6.	1777.	20.4	272.	0.15	13.
820. 43	0.	0.0	0.	0.00	-1.	2115.	19.6	414.	0.20	7.	1746.	20.4	294.	0.17	14.
812. 44	0.	0.0	0.	0.00	-1.	1681.	19.9	268.	0.16	8.	1457.	20.5	284.	0.20	15.
805. 45	0.	0.0	0.	0.00	-1.	1688.	20.0	260.	0.15	9.	1413.	20.6	314.	0.22	15.
TOTAL	9498.	18.7	9253.	0.97	0.	12855.	18.7	17206.	1.34	0.	13476.	19.7	15545.	1.15	0.

** 800 MV STUDY ADJUSTED MINE PLAN BASED UPON DIGITIZED PITS **

BENCH #	X7PH4 ORE	X7PH4 %	X7PH4 WASTE	X7PH4 S.R.	X7PH4 YR	X7PH5 ORE	X7PH5 %	X7PH5 WASTE	X7PH5 S.R.	X7PH5 YR	X7PH6 ORE	X7PH6 %	X7PH6 WASTE	X7PH6 S.R.	X7PH6 YR
1000. 19	0.	0.0	0.	0.00	-1.	0.	0.0	0.	0.00	-1.	0.	0.0	5.	0.00	12.
985. 21	0.	0.0	0.	0.00	-1.	0.	0.0	0.	0.00	-1.	0.	0.0	42.	0.00	12.
977. 22	0.	0.0	0.	0.00	-1.	0.	0.0	0.	0.00	-1.	0.	0.0	47.	0.00	12.
970. 23	0.	0.0	0.	0.00	-1.	0.	0.0	19.	0.00	9.	0.	0.0	253.	0.00	12.
962. 24	0.	0.0	0.	0.00	-1.	0.	0.0	192.	0.00	9.	0.	0.0	366.	0.00	12.
955. 25	0.	0.0	281.	0.00	6.	0.	18.4	431.	9.99	9.	26.	16.3	568.	9.99	13.
947. 26	0.	0.0	328.	0.00	6.	0.	18.4	558.	9.99	9.	49.	16.9	590.	9.99	13.
940. 27	0.	0.0	520.	0.00	6.	5.	18.2	667.	9.99	10.	77.	16.9	585.	7.59	13.
932. 28	17.	14.7	570.	9.99	8.	72.	16.4	665.	9.24	10.	118.	16.0	512.	4.36	13.
925. 29	57.	14.7	732.	9.99	8.	111.	16.4	680.	6.14	10.	131.	16.1	512.	3.91	14.
917. 30	35.	14.2	788.	9.99	8.	97.	16.2	737.	7.57	10.	134.	15.6	517.	3.85	14.
910. 31	78.	16.9	833.	9.99	8.	119.	16.4	793.	6.69	11.	205.	16.2	482.	2.35	14.
902. 32	185.	17.8	815.	4.41	8.	126.	16.9	773.	6.16	11.	232.	16.4	487.	2.10	14.
895. 33	299.	17.6	776.	2.60	8.	223.	16.9	754.	3.38	11.	272.	16.4	473.	1.74	14.
887. 34	467.	17.3	678.	1.45	8.	286.	17.2	654.	2.28	11.	240.	16.1	524.	2.18	14.
880. 35	579.	17.3	647.	1.12	8.	337.	16.9	639.	1.89	12.	282.	15.8	515.	1.83	14.
872. 36	736.	16.6	536.	0.73	9.	499.	17.0	670.	1.34	12.	349.	15.4	565.	1.62	15.
865. 37	759.	16.6	553.	0.73	10.	571.	17.1	644.	1.13	12.	409.	15.3	560.	1.37	15.
857. 38	870.	16.8	514.	0.59	11.	708.	16.8	604.	0.85	12.	399.	15.9	501.	1.26	15.
850. 39	984.	17.1	435.	0.44	11.	870.	16.6	498.	0.57	13.	493.	16.2	438.	0.89	15.
842. 40	1069.	17.3	337.	0.32	12.	860.	16.2	372.	0.43	16.	647.	16.6	342.	0.53	16.
835. 41	1073.	17.3	334.	0.31	13.	879.	16.2	360.	0.41	16.	726.	16.7	288.	0.40	17.
827. 42	1024.	17.3	267.	0.26	16.	884.	16.4	316.	0.36	17.	752.	15.7	232.	0.31	18.
820. 43	1015.	17.1	274.	0.27	17.	944.	16.1	280.	0.30	18.	777.	15.8	215.	0.28	19.
812. 44	1005.	18.1	170.	0.17	17.	993.	16.5	218.	0.22	19.	791.	16.0	181.	0.23	20.
805. 45	993.	18.4	179.	0.18	18.	1006.	16.8	207.	0.21	20.	794.	16.3	176.	0.22	21.
797. 46	3318.	20.2	638.	0.19	18.	885.	17.3	158.	0.18	21.	804.	16.6	125.	0.16	22.
790. 47	3317.	20.1	641.	0.19	20.	936.	17.6	120.	0.13	22.	817.	16.9	114.	0.14	23.
782. 48	2648.	20.4	457.	0.17	99.	882.	18.3	80.	0.09	24.	797.	16.7	95.	0.12	24.
775. 49	2573.	20.3	514.	0.20	24.	884.	18.3	79.	0.09	25.	774.	16.9	110.	0.14	26.
767. 50	0.	0.0	0.	0.00	-1.	2718.	20.2	485.	0.18	26.	734.	16.8	52.	0.07	30.
760. 51	0.	0.0	0.	0.00	-1.	2677.	20.1	515.	0.19	29.	742.	17.0	47.	0.06	31.
752. 52	0.	0.0	0.	0.00	-1.	0.	0.0	0.	0.00	-1.	2585.	20.1	445.	0.17	31.
745. 53	0.	0.0	0.	0.00	-1.	0.	0.0	0.	0.00	-1.	2464.	20.5	522.	0.21	32.
TOTAL	23102.	18.8	12817.	0.55	0.	18573.	17.9	13166.	0.71	0.	17619.	17.5	11486.	0.65	0.

** 800 MV STUDY ADJUSTED MINE PLAN BASED UPON DIGITIZED PITS **

BENCH #	X7PH7					X7PH8							
	ORE	%	WASTE	S.R.	YR	ORE	%	WASTE	S.R.	YR	ORE	%	WASTE S.R. YR
1015. 17	0.	0.0	0.	0.00	-1.	0.	0.0	47.	0.00	25.			
1007. 18	0.	0.0	38.	0.00	16.	0.	0.0	127.	0.00	25.			
1000. 19	0.	0.0	127.	0.00	16.	0.	0.0	173.	0.00	25.			
992. 20	0.	0.0	122.	0.00	16.	0.	0.0	178.	0.00	25.			
985. 21	0.	0.0	206.	0.00	16.	0.	0.0	239.	0.00	25.			
977. 22	0.	0.0	248.	0.00	16.	12.	14.5	255.	9.99	25.			
970. 23	11.	14.6	438.	9.99	17.	103.	15.2	373.	3.62	25.			
962. 24	18.	13.9	570.	9.99	17.	64.	15.7	479.	7.53	26.			
955. 25	25.	15.0	743.	9.99	18.	71.	15.1	502.	7.08	26.			
947. 26	95.	16.7	737.	7.73	18.	83.	15.7	508.	6.10	27.			
940. 27	129.	16.3	772.	6.00	19.	201.	15.3	439.	2.18	27.			
932. 28	131.	16.0	793.	6.05	19.	231.	15.3	411.	1.78	28.			
925. 29	186.	15.8	780.	4.19	20.	311.	15.5	376.	1.21	28.			
917. 30	246.	15.5	723.	2.94	20.	327.	15.3	390.	1.19	28.			
910. 31	283.	15.3	751.	2.66	20.	389.	15.5	394.	1.01	29.			
902. 32	279.	16.2	728.	2.61	21.	329.	15.1	407.	1.24	29.			
895. 33	356.	16.2	765.	2.15	21.	391.	15.3	419.	1.07	29.			
887. 34	379.	16.4	720.	1.90	22.	375.	15.5	502.	1.34	29.			
880. 35	416.	16.3	808.	1.94	22.	429.	15.3	495.	1.15	30.			
872. 36	394.	16.5	774.	1.96	23.	404.	15.7	494.	1.22	30.			
865. 37	457.	16.2	786.	1.72	23.	430.	15.7	479.	1.11	30.			
857. 38	568.	16.0	816.	1.44	24.	389.	15.4	432.	1.11	31.			
850. 39	692.	16.6	729.	1.05	24.	454.	15.5	388.	0.85	31.			
842. 40	830.	17.2	602.	0.72	25.	507.	15.7	339.	0.67	31.			
835. 41	894.	17.3	558.	0.62	25.	587.	15.8	285.	0.49	32.			
827. 42	965.	17.6	390.	0.40	26.	633.	16.1	285.	0.45	32.			
820. 43	1013.	17.6	358.	0.35	26.	661.	16.3	265.	0.40	32.			
812. 44	981.	16.8	284.	0.29	27.	668.	16.9	228.	0.34	33.			
805. 45	988.	17.2	275.	0.28	27.	675.	17.0	222.	0.33	33.			
797. 46	1007.	17.0	246.	0.24	27.	600.	17.2	187.	0.31	33.			
790. 47	1026.	17.2	232.	0.23	28.	590.	17.0	194.	0.33	33.			
782. 48	1070.	17.5	152.	0.14	28.	623.	17.2	162.	0.26	34.			
775. 49	1058.	17.7	162.	0.15	30.	615.	17.3	168.	0.27	34.			
767. 50	989.	17.7	126.	0.13	31.	669.	17.6	131.	0.20	35.			
760. 51	1011.	17.7	111.	0.11	34.	682.	17.5	121.	0.18	35.			
752. 52	947.	17.4	94.	0.10	34.	643.	17.6	105.	0.16	36.			
745. 53	950.	17.5	91.	0.10	35.	653.	17.6	98.	0.15	36.			
737. 54	2653.	20.0	470.	0.18	35.	665.	17.6	77.	0.12	36.			
730. 55	2580.	20.1	521.	0.20	99.	673.	17.6	70.	0.10	99.			
TOTAL	23622.	17.7	17859.	0.76	0.	15136.	16.5	11443.	0.76	0.			

** ADD BY STUDY ADJUSTED MINE PLAN BASED UPON DIGITIZED PITS **

** A D J U S T E D S C H E D U L E **

YEAR	YEARLY SCHEDULE				CUMULATIVE SCHEDULE			
	COAL	MJ	BCM	S.R.	COAL	MJ	BCM	S.R.
0	603.	16.50	3291.	5.456 *	603.	16.50	3291.	5.456 *
1	1251.	16.57	3818.	3.053 *	1251.	16.57	3818.	3.053 *
2	2875.	18.11	5760.	2.003 *	4126.	17.64	9578.	2.321 *
3	3447.	18.84	5902.	1.712 *	7573.	18.19	15480.	2.044 *
4	3800.	17.96	6592.	1.735 *	11373.	18.11	22071.	1.941 *
5	3760.	18.43	5532.	1.471 *	15134.	18.19	27603.	1.824 *
6	3708.	18.69	5582.	1.505 *	18842.	18.29	33186.	1.761 *
7	3720.	18.62	6753.	1.815 *	22562.	18.34	39939.	1.770 *
8	3658.	18.94	4161.	1.138 *	26220.	18.43	44100.	1.682 *
9	3686.	18.80	4852.	1.316 *	29906.	18.47	48952.	1.637 *
10	3851.	17.99	4255.	1.105 *	33757.	18.42	53207.	1.576 *
11	3923.	17.66	3776.	0.962 *	37681.	18.34	56982.	1.512 *
12	3783.	18.32	3362.	0.889 *	41463.	18.34	60344.	1.455 *
13	3657.	18.95	3476.	0.950 *	45120.	18.39	63820.	1.414 *
14	3811.	18.18	2880.	0.756 *	48931.	18.37	66700.	1.363 *
15	3945.	17.56	2075.	0.526 *	52876.	18.31	68774.	1.301 *
16	4060.	17.06	2276.	0.560 *	56937.	18.22	71050.	1.248 *
17	3907.	17.73	2382.	0.610 *	60844.	18.19	73432.	1.207 *
18	3835.	18.07	2345.	0.612 *	64679.	18.18	75778.	1.172 *
19	3904.	17.75	2562.	0.656 *	68583.	18.16	78340.	1.142 *
20	3871.	17.90	2475.	0.639 *	72454.	18.14	80815.	1.115 *
21	3844.	18.02	2015.	0.524 *	76299.	18.14	82829.	1.086 *
22	3707.	18.69	2025.	0.546 *	80006.	18.16	84854.	1.061 *
23	3887.	17.83	1907.	0.491 *	83893.	18.15	86762.	1.034 *
24	3679.	18.83	2498.	0.679 *	87571.	18.18	89260.	1.019 *
25	3955.	17.52	2368.	0.599 *	91526.	18.15	91628.	1.001 *
26	3974.	17.44	1879.	0.473 *	95500.	18.12	93508.	0.979 *
27	3933.	17.62	1734.	0.441 *	99433.	18.10	95241.	0.958 *
28	3751.	18.47	1933.	0.515 *	103184.	18.11	97175.	0.942 *
29	3988.	17.37	2102.	0.527 *	107171.	18.08	99276.	0.926 *
30	4016.	17.25	1472.	0.367 *	111187.	18.05	100749.	0.906 *
31	3822.	18.13	1173.	0.307 *	115009.	18.06	101921.	0.886 *
32	3812.	18.18	1102.	0.289 *	118821.	18.06	103024.	0.867 *
33	3859.	17.96	676.	0.175 *	122679.	18.06	103700.	0.845 *
34	3735.	18.55	611.	0.164 *	126414.	18.07	104311.	0.825 *
35	3700.	18.73	589.	0.159 *	130114.	18.09	104901.	0.806 *
36	1451.	20.13	293.	0.202 *	131565.	18.11	105194.	0.800 *

YEAR 0 IS PREPRODUCTION AND IS NOT INCLUDED IN THE CUMULATIVE TOTALS

** H00 MV STUDY ADJUSTED MINE PLAN BASED UPON DIGITIZED PITS **

SUMMARY OF MINING

BENCH	#	PIT DESIGN							
		1	2	3	4	5	6	7	8
1135.	1	-1	-1	-1	-1	-1	-1	-1	-1
1127.	2	-1	-1	-1	-1	-1	-1	-1	-1
1120.	3	-1	-1	-1	-1	-1	-1	-1	-1
1112.	4	-1	-1	-1	-1	-1	-1	-1	-1
1105.	5	-1	-1	-1	-1	-1	-1	-1	-1
1097.	6	-1	-1	-1	-1	-1	-1	-1	-1
1090.	7	-1	-1	-1	-1	-1	-1	-1	-1
1082.	8	-1	-1	-1	-1	-1	-1	-1	-1
1075.	9	-1	-1	-1	-1	-1	-1	-1	-1
1067.	10	-1	-1	-1	-1	-1	-1	-1	-1
1060.	11	-1	-1	-1	-1	-1	-1	-1	-1
1052.	12	-1	-1	-1	-1	-1	-1	-1	-1
1045.	13	-1	-1	-1	-1	-1	-1	-1	-1
1037.	14	-1	-1	-1	-1	-1	-1	-1	-1
1030.	15	-1	-1	-1	-1	-1	-1	-1	-1
1022.	16	-1	-1	-1	-1	-1	-1	-1	-1
1015.	17	-1	-1	-1	-1	-1	-1	-1	25
1007.	18	-1	-1	-1	-1	-1	-1	16	25
1000.	19	-1	-1	-1	-1	-1	12	16	25
992.	20	-1	-1	-1	-1	-1	12	16	25
985.	21	-1	-1	-1	-1	-1	12	16	25
977.	22	-1	-1	-1	-1	-1	12	16	25
970.	23	-1	-1	-1	-1	9	12	17	25
962.	24	-1	-1	-1	-1	9	12	17	26
955.	25	-1	2	3	6	9	13	18	26
947.	26	1	2	3	6	9	13	18	27
940.	27	1	2	3	6	10	13	19	27
932.	28	1	2	3	8	10	13	19	28
925.	29	1	3	3	8	10	14	20	28
917.	30	1	3	3	8	10	14	20	28
910.	31	1	4	4	8	11	14	20	29
902.	32	1	4	6	8	11	14	21	29
895.	33	2	4	6	8	11	14	21	29
887.	34	2	4	7	8	11	14	22	29
880.	35	2	5	7	8	12	14	22	30
872.	36	3	5	7	9	12	15	23	30
865.	37	3	5	7	10	12	15	23	30
857.	38	3	5	9	11	12	15	24	31
850.	39	4	5	10	11	13	15	24	31
842.	40	4	6	10	12	16	16	25	31
835.	41	5	6	11	13	16	17	25	32
827.	42	-1	6	13	16	17	18	26	32
820.	43	-1	7	14	17	18	19	26	32
812.	44	-1	8	15	17	19	20	27	33
805.	45	-1	9	15	18	20	21	27	33
797.	46	-1	-1	-1	18	21	22	27	33
790.	47	-1	-1	-1	20	22	23	28	33
782.	48	-1	-1	-1	99	24	24	28	34
775.	49	-1	-1	-1	24	25	26	30	34
767.	50	-1	-1	-1	-1	26	30	31	35

760.	51	-1	-1	-1	-1	29	31	34	35
752.	52	-1	-1	-1	-1	-1	31	34	36
745.	53	-1	-1	-1	-1	-1	32	35	36
737.	54	-1	-1	-1	-1	-1	-1	35	36
730.	55	-1	-1	-1	-1	-1	-1	99	99
722.	56	-1	-1	-1	-1	-1	-1	-1	-1
715.	57	-1	-1	-1	-1	-1	-1	-1	-1
707.	58	-1	-1	-1	-1	-1	-1	-1	-1
700.	59	-1	-1	-1	-1	-1	-1	-1	-1
692.	60	-1	-1	-1	-1	-1	-1	-1	-1
685.	61	-1	-1	-1	-1	-1	-1	-1	-1
677.	62	-1	-1	-1	-1	-1	-1	-1	-1
670.	63	-1	-1	-1	-1	-1	-1	-1	-1
662.	64	-1	-1	-1	-1	-1	-1	-1	-1
655.	65	-1	-1	-1	-1	-1	-1	-1	-1
647.	66	-1	-1	-1	-1	-1	-1	-1	-1
640.	67	-1	-1	-1	-1	-1	-1	-1	-1
632.	68	-1	-1	-1	-1	-1	-1	-1	-1
625.	69	-1	-1	-1	-1	-1	-1	-1	-1
617.	70	-1	-1	-1	-1	-1	-1	-1	-1
610.	71	-1	-1	-1	-1	-1	-1	-1	-1
602.	72	-1	-1	-1	-1	-1	-1	-1	-1
595.	73	-1	-1	-1	-1	-1	-1	-1	-1
587.	74	-1	-1	-1	-1	-1	-1	-1	-1
580.	75	-1	-1	-1	-1	-1	-1	-1	-1
572.	76	-1	-1	-1	-1	-1	-1	-1	-1
565.	77	-1	-1	-1	-1	-1	-1	-1	-1
557.	78	-1	-1	-1	-1	-1	-1	-1	-1
550.	79	-1	-1	-1	-1	-1	-1	-1	-1
542.	80	-1	-1	-1	-1	-1	-1	-1	-1
535.	81	-1	-1	-1	-1	-1	-1	-1	-1
527.	82	-1	-1	-1	-1	-1	-1	-1	-1
520.	83	-1	-1	-1	-1	-1	-1	-1	-1
512.	84	-1	-1	-1	-1	-1	-1	-1	-1
505.	85	-1	-1	-1	-1	-1	-1	-1	-1
497.	86	-1	-1	-1	-1	-1	-1	-1	-1
490.	87	-1	-1	-1	-1	-1	-1	-1	-1
482.	88	-1	-1	-1	-1	-1	-1	-1	-1
475.	89	-1	-1	-1	-1	-1	-1	-1	-1
467.	90	-1	-1	-1	-1	-1	-1	-1	-1

MATRIX VALUE IS PERIOD IN WHICH MINING IS
COMPLETED ON THE BENCH

tTyYpPeE sSuUmMvVbBmM..hH11

1 * HHV CUT-OFF 9.30 * NO DIL * 2-METRE MIN. THK * DIPPER PIT - H1 06/22/82

DATE : 22-Jun-82

SUMMARY FOR ALL SECTIONS :

ZONE	COAL TONNES	ASH%	HHV MJ/KG	SUL%	TOTAL VOLUME	COAL VOLUME	WASTE TONNES	UNDEF TONNES COAL	UNDEF TONNES WASTE	UNDEF VOLUME COAL	UNDEF VOLUME WASTE
WST	0.	0.00	0.00	0.00	512.	0.	1023.	0.	0.	0.	0.
BURN	0.	0.00	0.00	0.00	0.	0.	0.	0.	0.	0.	0.
A1	109.	33.15	18.01	0.72	107.	75.	64.	0.	0.	0.	0.
A2	177.	17.99	18.20	0.69	137.	132.	10.	0.	0.	0.	0.
A3	236.	44.28	14.47	0.88	235.	154.	163.	0.	0.	0.	0.
A4	454.	39.16	16.36	0.65	448.	303.	291.	0.	0.	0.	0.
A5	807.	44.10	14.56	0.79	760.	525.	470.	0.	0.	0.	0.
A6	133.	49.53	12.61	0.61	459.	84.	316.	0.	434.	0.	217.
B1	1848.	26.97	19.97	0.84	1315.	1311.	7.	0.	0.	0.	0.
B2	1932.	30.67	18.71	0.66	1345.	1345.	1.	0.	0.	0.	0.
C1	360.	50.29	12.24	0.67	314.	228.	173.	0.	0.	0.	0.
C2	467.	43.10	14.49	0.60	354.	305.	97.	0.	0.	0.	0.
C3	378.	40.10	15.45	0.34	304.	251.	107.	0.	0.	0.	0.
C4	616.	41.58	15.06	0.22	435.	406.	57.	0.	0.	0.	0.
D1	1249.	22.57	21.83	0.29	909.	907.	4.	0.	0.	0.	0.
D2	1120.	17.92	23.62	0.29	834.	834.	0.	0.	0.	0.	0.
D3	207.	16.70	24.25	0.27	156.	155.	2.	0.	0.	0.	0.
D4	0.	0.00	0.00	0.00	0.	0.	0.	0.	0.	0.	0.
OBV	0.	0.00	0.00	0.00	6727.	0.	14531.	0.	0.	0.	0.
TOTAL	10093.	31.41	18.58	0.57	15351.	7015.	17315.	0.	434.	0.	217.

NOTE: 1. TONNAGES ARE THOUSANDS OF METRIC TONNES
2. VOLUMES ARE THOUSANDS OF CUBIC METRES

OK
tTyYpPeE sSuUmMvVbBmM..hH22

1 * HHV CUT-OFF 9.30 * NO DIL * 2-METRE MIN. THK * DIPPER PIT - H2 06/22/82

DATE : 22-Jun-82

SUMMARY FOR ALL SECTIONS :

ZONE	COAL TONNES	ASH%	HHV MJ/KG	SUL%	TOTAL VOLUME	COAL VOLUME	WASTE TONNES	UNDEF TONNES COAL	UNDEF TONNES WASTE	UNDEF VOLUME COAL	UNDEF VOLUME WASTE
WST	0.	0.00	0.00	0.00	2277.	0.	4554.	0.	0.	0.	0.
BURN	0.	0.00	0.00	0.00	0.	0.	0.	0.	0.	0.	0.
A1	207.	30.58	18.78	0.69	246.	144.	203.	0.	0.	0.	0.
A2	429.	29.00	17.30	0.70	333.	302.	61.	0.	0.	0.	0.
A3	525.	44.39	14.48	0.85	500.	341.	318.	0.	0.	0.	0.
A4	1174.	39.58	16.20	0.68	1040.	781.	519.	0.	0.	0.	0.
A5	1772.	40.25	15.74	0.86	1526.	1176.	700.	0.	0.	0.	0.
A6	236.	43.61	14.53	0.59	693.	154.	349.	0.	728.	0.	364.
B1	3947.	27.09	19.98	0.71	2815.	2798.	35.	0.	0.	0.	0.
B2	4275.	30.11	18.97	0.64	2985.	2984.	2.	0.	0.	0.	0.
C1	917.	48.07	12.93	0.65	780.	586.	387.	0.	0.	0.	0.
C2	1367.	42.54	14.71	0.54	1072.	896.	351.	0.	0.	0.	0.
C3	945.	41.12	15.32	0.36	797.	624.	345.	0.	0.	0.	0.
C4	1552.	41.59	14.97	0.26	1180.	1022.	315.	0.	0.	0.	0.
D1	2568.	23.42	21.43	0.31	1858.	1856.	4.	0.	0.	0.	0.
D2	2187.	17.82	23.61	0.30	1629.	1629.	0.	0.	0.	0.	0.
D3	834.	16.67	24.24	0.29	629.	625.	7.	0.	0.	0.	0.
D4	73.	23.94	21.86	0.41	52.	52.	0.	0.	0.	0.	0.
OBV	0.	0.00	0.00	0.00	20814.	0.	44958.	0.	0.	0.	0.
TOTAL	23007.	31.56	18.57	0.55	41226.	15973.	53107.	0.	728.	0.	364.

NOTE: 1. TONNAGES ARE THOUSANDS OF METRIC TONNES
2. VOLUMES ARE THOUSANDS OF CUBIC METRES

OK
tTyYpPeE sSuUmMvVbBmM..hH22

1 * HHV CUT-OFF 9.30 * NO DIL * 2-METRE MIN. THK * DIPPER PIT - H3 06/22/82

DATE : 22-Jun-82

SUMMARY FOR ALL SECTIONS :

ZONE	COAL TONNES	ASH%	HHV MJ/KG	SUL%	TOTAL VOLUME	COAL VOLUME	WASTE TONNES	UNDEF TONNES COAL	UNDEF TONNES WASTE	UNDEF VOLUME COAL	UNDEF VOLUME WASTE
WST	0.	0.00	0.00	0.00	3816.	0.	7631.	0.	0.	0.	0.
BURN	0.	0.00	0.00	0.00	365.	0.	788.	0.	0.	0.	0.
A1	207.	30.58	18.78	0.69	246.	144.	203.	0.	0.	0.	0.
A2	429.	29.00	17.30	0.70	357.	302.	61.	34.	0.	24.	0.
A3	591.	44.52	14.30	0.82	568.	384.	369.	0.	0.	0.	0.
A4	1765.	37.16	16.90	0.66	1594.	1189.	809.	0.	0.	0.	0.
A5	3471.	40.52	15.58	0.82	2792.	2300.	984.	0.	0.	0.	0.
A6	348.	41.49	15.23	0.60	1044.	230.	440.	0.	1188.	0.	594.
B1	6251.	28.00	19.69	0.70	4438.	4410.	55.	0.	0.	0.	0.
B2	5728.	30.32	18.95	0.62	4008.	3993.	30.	0.	0.	0.	0.
C1	1097.	47.41	13.20	0.63	977.	703.	445.	0.	103.	0.	51.
C2	1847.	41.93	14.94	0.52	1416.	1215.	402.	0.	0.	0.	0.
C3	1560.	41.66	15.16	0.36	1227.	1028.	399.	0.	0.	0.	0.
C4	2488.	40.91	15.17	0.29	1818.	1645.	346.	0.	0.	0.	0.
D1	4257.	23.97	21.27	0.30	3072.	3068.	9.	0.	0.	0.	0.
D2	4211.	18.68	23.31	0.28	3122.	3122.	0.	0.	0.	0.	0.
D3	2028.	16.90	24.15	0.32	1523.	1518.	9.	0.	0.	0.	0.
D4	1113.	23.76	21.81	0.39	806.	803.	7.	0.	0.	0.	0.
OBV	0.	0.00	0.00	0.00	35382.	0.	76425.	0.	0.	0.	0.
TOTAL	37390.	30.81	18.88	0.52	68570.	26054.	89411.	34.	1291.	24.	645.

NOTE: 1. TONNAGES ARE THOUSANDS OF METRIC TONNES
2. VOLUMES ARE THOUSANDS OF CUBIC METRES

OK
tTyYpPeE sSuUmMvVbBmM..hH44

1 * HHV CUT-OFF 9.30 * NO DIL * 2-METRE MIN. THK * DIPPER PIT - H4 06/22/82

DATE : 22-Jun-82

SUMMARY FOR ALL SECTIONS :

ZONE	COAL TONNES	ASH%	HHV MJ/KG	SUL%	TOTAL VOLUME	COAL VOLUME	WASTE TONNES	UNDEF TONNES COAL	UNDEF TONNES WASTE	UNDEF VOLUME COAL	UNDEF VOLUME WASTE
WST	0.	0.00	0.00	0.00	7016.	0.	14031.	0.	0.	0.	0.
BURN	0.	0.00	0.00	0.00	1367.	0.	2953.	0.	0.	0.	0.
A1	774.	30.73	18.69	0.76	834.	538.	591.	0.	0.	0.	0.
A2	949.	30.64	17.56	0.73	905.	662.	113.	268.	0.	187.	0.
A3	1550.	44.00	14.33	0.77	1487.	1009.	957.	0.	0.	0.	0.
A4	3077.	38.24	16.45	0.63	2690.	2061.	1257.	0.	0.	0.	0.
A5	5942.	41.54	15.27	0.83	4783.	3918.	1729.	0.	0.	0.	0.
A6	468.	43.64	14.58	0.61	2005.	305.	875.	0.	2523.	0.	1262.
B1	9192.	28.64	19.51	0.68	6901.	6464.	73.	570.	0.	400.	0.
B2	10336.	30.28	19.01	0.64	7268.	7206.	122.	0.	0.	0.	0.
C1	1642.	47.38	13.23	0.64	1762.	1053.	666.	0.	752.	0.	376.
C2	2959.	41.97	14.93	0.53	2225.	1946.	557.	0.	0.	0.	0.
C3	2315.	41.68	15.13	0.36	1775.	1525.	502.	0.	0.	0.	0.
C4	3522.	40.70	15.22	0.29	2552.	2331.	443.	0.	0.	0.	0.
D1	6443.	24.05	21.23	0.30	4649.	4641.	15.	0.	0.	0.	0.
D2	6528.	19.01	23.19	0.29	4832.	4832.	0.	0.	0.	0.	0.
D3	3799.	16.87	24.14	0.31	2853.	2845.	16.	0.	0.	0.	0.
D4	2245.	23.72	21.86	0.39	1626.	1619.	13.	0.	0.	0.	0.
OBV	0.	0.00	0.00	0.00	41064.	0.	88699.	0.	0.	0.	0.
TOTAL	61740.	31.11	18.80	0.53	98593.	42957.	113612.	838.	3275.	587.	1637.

NOTE: 1. TONNAGES ARE THOUSANDS OF METRIC TONNES
2. VOLUMES ARE THOUSANDS OF CUBIC METRES

OK
tTyYpPeE sSuUmMvVbBmM..hH55

1 * HHV CUT-OFF 9.30 * NO DIL * 2-METRE MIN. THK * DIPPER PIT - H5 06/22/82

DATE : 22-Jun-82

SUMMARY FOR ALL SECTIONS :

ZONE	COAL TONNES	ASH%	HHV MJ/KG	SUL%	TOTAL VOLUME	COAL VOLUME	WASTE TONNES	UNDEF TONNES COAL	UNDEF TONNES WASTE	UNDEF VOLUME COAL	UNDEF VOLUME WASTE
WST	0.	0.00	0.00	0.00	10339.	0.	20679.	0.	0.	0.	0.
BURN	0.	0.00	0.00	0.00	2497.	0.	5394.	0.	0.	0.	0.
A1	1209.	30.84	18.65	0.76	1298.	840.	916.	0.	0.	0.	0.
A2	1500.	31.47	17.65	0.74	1757.	1041.	165.	915.	0.	634.	0.
A3	2293.	43.68	14.49	0.76	2200.	1495.	1409.	0.	0.	0.	0.
A4	4042.	38.46	16.37	0.63	3501.	2705.	1592.	0.	0.	0.	0.
A5	7874.	42.36	15.02	0.84	6320.	5171.	2299.	0.	0.	0.	0.
A6	651.	45.70	13.97	0.62	2670.	421.	1587.	0.	2911.	0.	1456.
B1	11996.	29.61	19.24	0.67	8900.	8395.	90.	658.	0.	460.	0.
B2	12861.	30.75	18.86	0.65	9055.	8946.	218.	0.	0.	0.	0.
C1	1940.	47.70	13.13	0.66	2507.	1242.	817.	0.	1714.	0.	857.
C2	4492.	42.86	14.75	0.55	3294.	2942.	703.	0.	0.	0.	0.
C3	3378.	42.19	14.92	0.43	2523.	2219.	606.	0.	0.	0.	0.
C4	4392.	41.12	15.05	0.31	3183.	2900.	564.	0.	0.	0.	0.
D1	7749.	24.19	21.18	0.30	5587.	5578.	19.	0.	0.	0.	0.
D2	7899.	19.19	23.13	0.30	5841.	5841.	0.	0.	0.	0.	0.
D3	4966.	16.93	24.09	0.31	3728.	3717.	21.	0.	0.	0.	0.
D4	3020.	23.78	21.83	0.38	2187.	2178.	16.	0.	0.	0.	0.
OBV	0.	0.00	0.00	0.00	47853.	0.	103363.	0.	0.	0.	0.
TOTAL	80262.	31.86	18.56	0.55	125240.	55633.	140458.	1572.	4626.	1094.	2313.

NOTE: 1. TONNAGES ARE THOUSANDS OF METRIC TONNES
2. VOLUMES ARE THOUSANDS OF CUBIC METRES

OK
tTyYpPeE sSuUmMvVbBmM..hH66

1 * HHV CUT-OFF 9.30 * NO DIL * 2-METRE MIN. THK * DIPPER PIT - H6 06/22/82

DATE : 22-Jun-82

SUMMARY FOR ALL SECTIONS :

ZONE	COAL TONNES	ASH%	HHV MJ/KG	SUL%	TOTAL VOLUME	COAL VOLUME	WASTE TONNES	UNDEF TONNES COAL	UNDEF TONNES WASTE	UNDEF VOLUME COAL	UNDEF VOLUME WASTE
WST	0.	0.00	0.00	0.00	20452.	0.	40904.	0.	0.	0.	0.
BURN	0.	0.00	0.00	0.00	3047.	0.	6582.	0.	0.	0.	0.
A1	1904.	31.38	18.48	0.76	1964.	1320.	1287.	0.	0.	0.	0.
A2	2147.	31.74	17.74	0.75	2269.	1488.	212.	976.	0.	676.	0.
A3	3691.	43.76	14.49	0.74	3535.	2406.	2258.	0.	0.	0.	0.
A4	5310.	38.46	16.35	0.63	4496.	3553.	1886.	0.	0.	0.	0.
A5	9164.	42.53	14.97	0.84	7385.	6013.	2744.	0.	0.	0.	0.
A6	859.	46.42	13.74	0.63	3184.	554.	2278.	0.	2982.	0.	1491.
B1	14041.	30.10	19.08	0.67	10318.	9801.	114.	660.	0.	460.	0.
B2	14833.	31.98	18.44	0.65	10379.	10255.	246.	0.	0.	0.	0.
C1	2171.	47.91	13.07	0.67	3085.	1389.	1596.	0.	1797.	0.	898.
C2	5331.	43.55	14.47	0.57	4018.	3480.	1077.	0.	0.	0.	0.
C3	3812.	42.35	14.82	0.40	2891.	2503.	777.	0.	0.	0.	0.
C4	5404.	41.22	15.02	0.33	3838.	3567.	542.	0.	0.	0.	0.
D1	8863.	24.48	21.07	0.30	6381.	6370.	23.	0.	0.	0.	0.
D2	8651.	19.01	23.19	0.29	6402.	6402.	0.	0.	0.	0.	0.
D3	5583.	16.90	24.11	0.31	4192.	4180.	25.	0.	0.	0.	0.
D4	3601.	23.69	21.87	0.38	2607.	2598.	18.	0.	0.	0.	0.
OBV	0.	0.00	0.00	0.00	48235.	0.	104188.	0.	0.	0.	0.
TOTAL	95365.	32.52	18.33	0.55	148680.	65878.	166759.	1636.	4778.	1136.	2389.

NOTE: 1. TONNAGES ARE THOUSANDS OF METRIC TONNES
2. VOLUMES ARE THOUSANDS OF CUBIC METRES

OK
tTyYpPeE sSuUmMvVbBmM..hH77

1 * HHV CUT-OFF 9.30 * NO DIL * 2-METRE MIN. THK * DIPPER PIT - H7 06/22/82

DATE : 22-Jun-82

SUMMARY FOR ALL SECTIONS :

ZONE	COAL TONNES	ASH%	HHV MJ/KG	SUL%	TOTAL VOLUME	COAL VOLUME	WASTE TONNES	UNDEF TONNES COAL	UNDEF TONNES WASTE	UNDEF VOLUME COAL	UNDEF VOLUME WASTE
WST	0.	0.00	0.00	0.00	20727.	0.	41454.	0.	0.	0.	0.
BURN	0.	0.00	0.00	0.00	4437.	0.	9585.	0.	0.	0.	0.
A1	3785.	32.78	18.06	0.76	3641.	2606.	2071.	0.	0.	0.	0.
A2	3466.	31.52	17.95	0.77	3211.	2403.	266.	975.	0.	676.	0.
A3	5194.	43.77	14.49	0.73	4866.	3386.	2961.	0.	0.	0.	0.
A4	7504.	38.21	16.40	0.65	6213.	5028.	2370.	0.	0.	0.	0.
A5	10668.	42.61	14.96	0.83	8652.	6997.	3310.	0.	0.	0.	0.
A6	1104.	47.60	13.37	0.64	3694.	707.	2829.	0.	3145.	0.	1573.
B1	16016.	30.35	19.01	0.67	11707.	11165.	164.	660.	0.	460.	0.
B2	18245.	32.46	18.30	0.67	12748.	12583.	329.	0.	0.	0.	0.
C1	2447.	48.00	13.05	0.67	4987.	1565.	3576.	0.	3269.	0.	1635.
C2	6401.	43.88	14.40	0.57	4830.	4171.	1314.	3.	0.	2.	0.
C3	4907.	43.03	14.60	0.41	3666.	3211.	911.	0.	0.	0.	0.
C4	7183.	42.34	14.62	0.34	5087.	4717.	740.	0.	0.	0.	0.
D1	11626.	24.90	20.94	0.32	8353.	8338.	30.	0.	0.	0.	0.
D2	12024.	19.93	22.85	0.30	8856.	8856.	0.	0.	0.	0.	0.
D3	7219.	17.01	24.06	0.32	5420.	5401.	37.	0.	0.	0.	0.
D4	4989.	23.60	21.90	0.38	3623.	3602.	42.	0.	0.	0.	0.
OBV	0.	0.00	0.00	0.00	59651.	0.	128846.	0.	0.	0.	0.
TOTAL	122778.	32.71	18.27	0.55	184369.	84735.	200834.	1638.	6415.	1137.	3207.

NOTE: 1. TONNAGES ARE THOUSANDS OF METRIC TONNES
2. VOLUMES ARE THOUSANDS OF CUBIC METRES

OK
tTyYppeE sSuUmMvVbBmM..hH88

1 * HHV CUT-OFF 9.30 * NO DIL * 2-METRE MIN. THK * DIPPER PIT - H8 06/22/82

DATE : 22-Jun-82

SUMMARY FOR ALL SECTIONS :

ZONE	COAL TONNES	ASH%	HHV MJ/KG	SUL%	TOTAL VOLUME	COAL VOLUME	WASTE TONNES	UNDEF TONNES COAL	UNDEF TONNES WASTE	UNDEF VOLUME COAL	UNDEF VOLUME WASTE
WST	0.	0.00	0.00	0.00	23616.	0.	47231.	0.	0.	0.	0.
BURN	0.	0.00	0.00	0.00	5252.	0.	11344.	0.	0.	0.	0.
A1	5069.	32.75	18.09	0.81	4974.	3490.	2508.	335.	0.	230.	0.
A2	5332.	31.75	17.94	0.80	4542.	3691.	351.	976.	0.	676.	0.
A3	6670.	44.07	14.41	0.70	6114.	4342.	3543.	0.	0.	0.	0.
A4	9196.	38.17	16.42	0.66	7557.	6162.	2790.	0.	0.	0.	0.
A5	13248.	42.27	15.08	0.83	10834.	8703.	4262.	0.	0.	0.	0.
A6	1380.	48.63	13.00	0.65	4271.	880.	3525.	0.	3256.	0.	1628.
B1	17029.	30.47	18.97	0.68	12421.	11863.	194.	661.	0.	460.	0.
B2	19356.	32.78	18.18	0.67	13502.	13328.	348.	0.	0.	0.	0.
C1	2543.	48.32	12.95	0.66	6244.	1624.	3787.	0.	5452.	0.	2726.
C2	7309.	44.88	14.05	0.58	6179.	4742.	2308.	437.	0.	283.	0.
C3	5643.	44.29	14.22	0.40	4253.	3671.	1163.	0.	0.	0.	0.
C4	7314.	42.45	14.59	0.34	5198.	4800.	796.	0.	0.	0.	0.
D1	12569.	25.77	20.66	0.33	9005.	8975.	58.	0.	0.	0.	0.
D2	12837.	20.24	22.75	0.30	9439.	9439.	0.	0.	0.	0.	0.
D3	7834.	17.13	24.03	0.32	5877.	5858.	38.	0.	0.	0.	0.
D4	5378.	23.56	21.93	0.38	3907.	3884.	46.	0.	0.	0.	0.
OBV	0.	0.00	0.00	0.00	64002.	0.	138244.	0.	0.	0.	0.
TOTAL	138710.	33.28	18.08	0.57	207187.	95454.	222538.	2409.	8709.	1649.	4354.

NOTE: 1. TONNAGES ARE THOUSANDS OF METRIC TONNES
       2. VOLUMES ARE THOUSANDS OF CUBIC METRES

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 *** M723V1**** STARTED ON  7-JUN-82  AT 09:37 11.2

 **M723V1 RELEASE 9**  REVISED  30-SEPT-1977

   MEDS PROPRIETARY SOFTWARE: MINTEC INC., TUCSON, AZ.


 INPUT DIPPER PCF  "*X7PCF.DAT"   UNIT # 24

 B. C. HYDRO -- HAT CREEK PROJECT          25M BLK  MODEL, 2 M SELECTIVITY

MATRIX SIZE          LIMITS          BLOCK  NUMBER
===========       MIN.     MAX.      SIZE

 EAST-WEST       4250.0    7750.0   25.0      140
 NORTH-SOUTH    22250.0   25750.0   25.0      140
 ELEVATION        467.5     1142.5   7.5        90

 # OF WORDS IN B-MATRIX =   25694

TONNAGE FACTOR =   1.00,  TONS/BLOCK =     4688.

SYMBOL PLOT INTERVAL =  1.00

SCALE MAP MULTIPLIER =    0.

INPUT: UNIT # 21, NAME *X7PH1.DAT, # WORDS   19600

INPUT: UNIT # 23, NAME *X7TOP.DAT, # WORDS   19600

INPUT: UNIT # 22, NAME *X7BLK.DAT, # WORDS   25694
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TABLE 1. R E S E R V E S B Y B E N C H

B. C. HYDRO -- HAT CREEK PROJECT 25M BLK MODEL, 2 M SELECTIVITY

BLOCK & PIT FILES = *X7BLK.DAT *X7PH1.DAT
TOPOGRAPHY MATRIX = *X7TOP.DAT DATE: 7-JUN-82

LEVEL #	TOE-ELEV	BENCH SUMMARY			CUMULATIVE SUMMARY			
		WASTE-BCM	COAL TONNES	HHV-MJ	WASTE-BCM	COAL TONNES	HHV-MJ	S.R.
26	948.0	37.	0.	0.00	38.	0.	0.00	0.000
27	940.0	248.	0.	0.00	286.	0.	0.00	0.000
28	933.0	295.	0.	0.00	581.	0.	0.00	0.000
29	925.0	492.	40.	17.76	1074.	40.	17.76	26.704
30	918.0	583.	104.	17.05	1656.	145.	17.25	11.461
31	910.0	986.	252.	16.55	2642.	396.	16.80	6.670
32	903.0	958.	306.	15.94	3601.	702.	16.42	5.129
33	895.0	1017.	425.	16.46	4618.	1128.	16.44	4.096
34	888.0	836.	476.	16.55	5454.	1604.	16.47	3.401
35	880.0	863.	708.	17.05	6317.	2312.	16.65	2.732
36	873.0	1168.	803.	17.94	7486.	3115.	16.98	2.403
37	865.0	988.	1060.	18.06	8473.	4175.	17.25	2.030
38	858.0	407.	1269.	19.33	8880.	5444.	17.74	1.631
39	850.0	210.	1541.	19.52	9091.	6986.	18.13	1.301
40	843.0	97.	1236.	19.99	9188.	8222.	18.41	1.118
41	835.0	65.	1276.	20.24	9253.	9498.	18.66	0.974

INPUT: UNIT # 21, NAME *X7PH2.DAT, # WORDS 19600

INPUT: UNIT # 23, NAME *X7PH1.DAT, # WORDS 19600

TABLE 1. R E S E R V E S B Y B E N C H

B. C. HYDRO -- HAT CREEK PROJECT 25M BLK MODEL, 2 M SELECTIVITY

BLOCK & PIT FILES = *X7BLK.DAT *X7PH2.DAT
TOPOGRAPHY MATRIX = *X7PH1.DAT DATE: 7-JUN-82

LEVEL #	TOE-ELEV	BENCH SUMMARY			CUMULATIVE SUMMARY			
		WASTE-BCM	COAL TONNES	HHV-MJ	WASTE-BCM	COAL TONNES	HHV-MJ	S.R.
25	955.0	108.	0.	0.00	108.	0.	0.00	0.000
26	948.0	258.	0.	0.00	366.	0.	0.00	0.000
27	940.0	455.	0.	0.00	820.	0.	0.00	0.000
28	933.0	530.	0.	0.00	1350.	0.	0.00	0.000
29	925.0	877.	0.	0.00	2227.	0.	0.00	0.000
30	918.0	986.	10.	19.30	3213.	10.	19.30	311.934
31	910.0	1315.	79.	17.99	4528.	89.	18.14	50.934
32	903.0	1152.	182.	17.13	5680.	271.	17.46	20.974
33	895.0	1273.	241.	16.50	6952.	512.	17.01	13.587
34	888.0	1151.	286.	15.77	8103.	798.	16.56	10.159
35	880.0	1309.	318.	15.78	9412.	1115.	16.34	8.440
36	873.0	1482.	323.	16.01	10894.	1438.	16.27	7.576
37	865.0	1461.	353.	16.11	12355.	1791.	16.24	6.900
38	858.0	1209.	522.	16.74	13565.	2313.	16.35	5.865
39	850.0	1030.	783.	17.18	14595.	3096.	16.56	4.715
40	843.0	676.	1009.	17.88	15271.	4105.	16.88	3.720
41	835.0	576.	1152.	17.96	15847.	5257.	17.12	3.015
42	828.0	417.	2114.	19.49	16264.	7371.	17.80	2.206
43	820.0	414.	2115.	19.62	16678.	9486.	18.21	1.758
44	813.0	268.	1681.	19.87	16947.	11167.	18.46	1.518
45	805.0	260.	1688.	20.02	17206.	12855.	18.66	1.338

INPUT: UNIT # 21, NAME *X7PH3.DAT, # WORDS 19600

INPUT: UNIT # 23, NAME *X7PH2.DAT, # WORDS 19600

TABLE 1. R E S E R V E S , B Y B E N C H

B. C. HYDRO -- HAT CREEK PROJECT 25M BLK MODEL, 2 M SELECTIVITY

BLOCK & PIT FILES = *X7BLK.DAT *X7PH3.DAT
TOPOGRAPHY MATRIX = *X7PH2.DAT DATE: 7-JUN-82

LEVEL #	TOE-ELEV	BENCH SUMMARY			CUMULATIVE SUMMARY			
		WASTE-BCM	COAL TONNES	HHV-MJ	WASTE-BCM	COAL TONNES	HHV-MJ	S.R.
25	955.0	23.	0.	0.00	23.	0.	0.00	0.000
26	948.0	37.	0.	0.00	61.	0.	0.00	0.000
27	940.0	98.	0.	0.00	159.	0.	0.00	0.000
28	933.0	108.	0.	0.00	267.	0.	0.00	0.000
29	925.0	267.	0.	0.00	534.	0.	0.00	0.000
30	918.0	473.	0.	0.00	1008.	0.	0.00	0.000
31	910.0	1077.	17.	15.65	2085.	17.	15.65	125.599
32	903.0	1130.	118.	15.70	3215.	135.	15.69	23.848
33	895.0	1323.	205.	16.53	4538.	340.	16.20	13.343
34	888.0	1227.	229.	16.70	5765.	570.	16.40	10.123
35	880.0	1377.	314.	16.40	7142.	884.	16.40	8.082
36	873.0	1595.	345.	16.48	8737.	1229.	16.42	7.111
37	865.0	1739.	419.	17.14	10476.	1647.	16.61	6.360
38	858.0	1789.	421.	18.26	12266.	2068.	16.94	5.930
39	850.0	1120.	1368.	19.45	13386.	3437.	17.94	3.895
40	843.0	557.	1742.	20.07	13943.	5178.	18.66	2.693
41	835.0	438.	1906.	20.18	14381.	7084.	19.07	2.030
42	828.0	272.	1777.	20.36	14653.	8861.	19.33	1.654
43	820.0	294.	1746.	20.43	14947.	10606.	19.51	1.409
44	813.0	284.	1457.	20.52	15232.	12063.	19.63	1.263
45	805.0	310.	1413.	20.64	15545.	13476.	19.74	1.154

INPUT: UNIT # 21, NAME *X7PH4.DAT, # WORDS 19600

INPUT: UNIT # 23, NAME *X7PH3.DAT, # WORDS 19600

TABLE 1. R E S E R V E S B Y B E N C H

B. C. HYDRO -- HAT CREEK PROJECT 25M BLK MODEL, 2 M SELECTIVITY

BLOCK & PIT FILES = *X7BLK.DAT *X7PH4.DAT
TOPOGRAPHY MATRIX = *X7PH3.DAT DATE: 7-JUN-82

LEVEL #	TOE-ELEV	BENCH SUMMARY			CUMULATIVE SUMMARY			
		WASTE-BCM	COAL TONNES	HHV-MJ	WASTE-BCM	COAL TONNES	HHV-MJ	S.R.
25	955.0	281.	0.	0.00	281.	0.	0.00	0.000
26	948.0	328.	0.	0.00	609.	0.	0.00	0.000
27	940.0	520.	0.	0.00	1130.	0.	0.00	0.000
28	933.0	570.	17.	14.71	1700.	17.	14.71	98.819
29	925.0	732.	57.	14.65	2431.	74.	14.67	32.768
30	918.0	788.	35.	14.22	3220.	109.	14.52	29.511
31	910.0	833.	78.	16.92	4053.	188.	15.53	21.615
32	903.0	815.	185.	17.83	4867.	372.	16.67	13.081
33	895.0	776.	299.	17.57	5644.	671.	17.07	8.411
34	888.0	678.	467.	17.28	6322.	1138.	17.16	5.553
35	880.0	647.	579.	17.34	6969.	1717.	17.22	4.059
36	873.0	536.	736.	16.60	7505.	2453.	17.03	3.059
37	865.0	553.	759.	16.63	8058.	3212.	16.94	2.509
38	858.0	514.	870.	16.82	8572.	4082.	16.91	2.100
39	850.0	435.	984.	17.10	9007.	5066.	16.95	1.778
40	843.0	337.	1069.	17.30	9344.	6136.	17.01	1.523
41	835.0	334.	1073.	17.28	9677.	7208.	17.05	1.343
42	828.0	267.	1024.	17.27	9944.	8232.	17.08	1.208
43	820.0	274.	1015.	17.11	10218.	9247.	17.08	1.105
44	813.0	170.	1005.	18.14	10389.	10253.	17.19	1.013
45	805.0	179.	993.	18.36	10567.	11245.	17.29	0.940
46	798.0	638.	3318.	20.16	11206.	14564.	17.94	0.769
47	790.0	641.	3317.	20.15	11846.	17881.	18.35	0.663
48	782.0	457.	2648.	20.40	12303.	20529.	18.62	0.599
49	775.0	514.	2573.	20.29	12817.	23102.	18.80	0.555

INPUT: UNIT # 21, NAME *X7PH5.DAT, # WORDS 19600

INPUT: UNIT # 23, NAME *X7PH4.DAT, # WORDS 19600

TABLE 1. R E S E R V E S B Y B E N C H

B. C. HYDRO -- HAT CREEK PROJECT 25M BLK MODEL, 2 M SELECTIVITY

BLOCK & PIT FILES = *X7BLK.DAT *X7PH5.DAT
TOPOGRAPHY MATRIX = *X7PH4.DAT DATE: 7-JUN-82

LEVEL #	TOE-ELEV	BENCH SUMMARY			CUMULATIVE SUMMARY			
		WASTE-BCM	COAL TONNES	HHV-MJ	WASTE-BCM	COAL TONNES	HHV-MJ	S.R.
23	970.0	19.	0.	0.00	19.	0.	0.00	0.000
24	963.0	192.	0.	0.00	211.	0.	0.00	0.000
25	955.0	431.	0.	18.40	642.	0.	18.40	2140.000
26	948.0	558.	0.	18.40	1200.	0.	18.40	2999.312
27	940.0	667.	5.	18.19	1866.	5.	18.20	339.359
28	933.0	665.	72.	16.43	2532.	77.	16.56	32.666
29	925.0	680.	111.	16.35	3212.	188.	16.44	17.058
30	918.0	737.	97.	16.19	3949.	286.	16.35	13.822
31	910.0	793.	118.	16.38	4742.	404.	16.36	11.731
32	903.0	773.	126.	16.90	5515.	530.	16.49	10.411
33	895.0	754.	223.	16.94	6269.	753.	16.62	8.324
34	888.0	654.	286.	17.25	6923.	1039.	16.80	6.661
35	880.0	639.	337.	16.88	7562.	1377.	16.82	5.493
36	873.0	670.	499.	17.05	8231.	1876.	16.88	4.388
37	865.0	644.	571.	17.09	8875.	2447.	16.93	3.627
38	858.0	604.	708.	16.83	9479.	3155.	16.91	3.005
39	850.0	498.	870.	16.58	9977.	4025.	16.83	2.479
40	843.0	372.	860.	16.24	10348.	4885.	16.73	2.118
41	835.0	360.	879.	16.15	10708.	5765.	16.64	1.858
42	828.0	316.	884.	16.42	11024.	6649.	16.61	1.658
43	820.0	280.	944.	16.05	11305.	7593.	16.54	1.489
44	813.0	218.	993.	16.58	11523.	8585.	16.54	1.342
45	805.0	207.	1006.	16.75	11729.	9592.	16.56	1.223
46	798.0	158.	885.	17.34	11887.	10477.	16.63	1.135
47	790.0	120.	936.	17.56	12007.	11413.	16.71	1.052
48	782.0	80.	882.	18.34	12087.	12295.	16.82	0.983
49	775.0	79.	884.	18.27	12166.	13179.	16.92	0.923
50	768.0	485.	2718.	20.16	12650.	15896.	17.47	0.796
51	760.0	515.	2677.	20.13	13166.	18573.	17.86	0.709

INPUT: UNIT # 21, NAME *X7PH6.DAT, # WORDS 19600

INPUT: UNIT # 23, NAME *X7PH5.DAT, # WORDS 19600

TABLE 1. R E S E R V E S B Y B E N C H

B. C. HYDRO -- HAT CREEK PROJECT 25M BLK MODEL, 2 M SELECTIVITY

BLOCK & PIT FILES = *X7BLK.DAT *X7PH6.DAT
TOPOGRAPHY MATRIX = *X7PH5.DAT DATE: 7-JUN-82

LEVEL #	TOE-ELEV	BENCH SUMMARY			CUMULATIVE SUMMARY			
		WASTE-BCM	COAL TONNES	HHV-MJ	WASTE-BCM	COAL TONNES	HHV-MJ	S.R.
19	1000.0	5.	0.	0.00	5.	0.	0.00	0.000
21	985.0	42.	0.	0.00	47.	0.	0.00	0.000
22	978.0	47.	0.	0.00	94.	0.	0.00	0.000
23	970.0	253.	0.	0.00	347.	0.	0.00	0.000
24	963.0	366.	0.	0.00	713.	0.	0.00	0.000
25	955.0	568.	26.	16.33	1281.	26.	16.33	48.512
26	948.0	590.	49.	16.90	1871.	75.	16.70	24.980
27	940.0	585.	77.	16.88	2456.	152.	16.79	16.159
28	933.0	512.	117.	15.96	2968.	270.	16.43	11.014
29	925.0	512.	131.	16.06	3480.	401.	16.31	8.690
30	918.0	517.	134.	15.62	3997.	535.	16.14	7.477
31	910.0	482.	205.	16.18	4479.	739.	16.15	6.057
32	903.0	487.	232.	16.41	4966.	971.	16.21	5.114
33	895.0	473.	272.	16.37	5439.	1243.	16.25	4.376
34	888.0	524.	240.	16.13	5963.	1483.	16.23	4.022
35	880.0	515.	282.	15.80	6478.	1765.	16.16	3.671
36	873.0	565.	349.	15.45	7043.	2114.	16.04	3.332
37	865.0	559.	409.	15.35	7603.	2523.	15.93	3.013
38	858.0	501.	399.	15.88	8104.	2922.	15.92	2.773
39	850.0	438.	493.	16.22	8542.	3415.	15.97	2.501
40	843.0	342.	647.	16.63	8884.	4062.	16.07	2.187
41	835.0	288.	726.	16.66	9172.	4789.	16.16	1.915
42	828.0	232.	752.	15.73	9404.	5540.	16.10	1.697
43	820.0	215.	777.	15.80	9619.	6318.	16.06	1.523
44	813.0	181.	791.	15.96	9801.	7109.	16.05	1.379
45	805.0	174.	794.	16.34	9976.	7903.	16.08	1.262
46	798.0	125.	804.	16.64	10101.	8707.	16.13	1.160
47	790.0	114.	817.	16.89	10215.	9524.	16.20	1.073
48	782.0	95.	797.	16.68	10310.	10320.	16.24	0.999
49	775.0	110.	774.	16.87	10420.	11094.	16.28	0.939
50	768.0	52.	734.	16.79	10472.	11829.	16.31	0.885
51	760.0	47.	742.	17.03	10519.	12570.	16.35	0.837
52	752.0	445.	2585.	20.13	10964.	15155.	17.00	0.723
53	745.0	522.	2464.	20.53	11486.	17619.	17.49	0.652

INPUT: UNIT # 21, NAME *X7PH7.DAT, # WORDS 19600

INPUT: UNIT # 23, NAME *X7PH6.DAT, # WORDS 19600

TABLE 1. R E S E R V E S B Y B E N C H

B. C. HYDRO -- HAT CREEK PROJECT 25M BLK MODEL, 2 M SELECTIVITY

BLOCK & PIT FILES = *X7BLK.DAT *X7PH7.DAT
TOPOGRAPHY MATRIX = *X7PH6.DAT DATE: 7-JUN-82

LEVEL #	TOE-ELEV	BENCH SUMMARY			CUMULATIVE SUMMARY			
		WASTE-BCM	COAL TONNES	HHV-MJ	WASTE-BCM	COAL TONNES	HHV-MJ	S.R.
18	1007.0	37.	0.	0.00	38.	0.	0.00	0.000
19	1000.0	127.	0.	0.00	164.	0.	0.00	0.000
20	993.0	122.	0.	0.00	286.	0.	0.00	0.000
21	985.0	206.	0.	0.00	492.	0.	0.00	0.000
22	978.0	248.	0.	0.00	741.	0.	0.00	0.000
23	970.0	438.	11.	14.63	1179.	11.	14.63	109.153
24	963.0	574.	18.	13.90	1753.	29.	14.17	60.029
25	955.0	743.	25.	14.97	2496.	54.	14.54	46.053
26	948.0	737.	95.	16.66	3233.	150.	15.89	21.612
27	940.0	772.	129.	16.28	4005.	278.	16.07	14.400
28	933.0	793.	131.	15.98	4798.	409.	16.04	11.725
29	925.0	780.	186.	15.80	5578.	596.	15.96	9.367
30	918.0	723.	246.	15.50	6301.	842.	15.83	7.485
31	910.0	751.	283.	15.30	7052.	1125.	15.70	6.271
32	903.0	728.	279.	16.15	7779.	1404.	15.79	5.542
33	895.0	765.	356.	16.21	8544.	1760.	15.87	4.854
34	888.0	720.	379.	16.38	9264.	2139.	15.96	4.331
35	880.0	808.	416.	16.25	10072.	2556.	16.01	3.941
36	873.0	774.	394.	16.52	10846.	2950.	16.08	3.677
37	865.0	786.	457.	16.15	11632.	3407.	16.09	3.415
38	858.0	816.	568.	15.95	12448.	3974.	16.07	3.132
39	850.0	729.	692.	16.64	13177.	4666.	16.15	2.824
40	843.0	602.	830.	17.17	13779.	5496.	16.31	2.507
41	835.0	558.	894.	17.34	14337.	6390.	16.45	2.244
42	828.0	390.	965.	17.58	14727.	7354.	16.60	2.002
43	820.0	358.	1013.	17.57	15084.	8367.	16.72	1.803
44	813.0	284.	981.	16.77	15368.	9348.	16.72	1.644
45	805.0	275.	988.	17.18	15644.	10336.	16.77	1.513
46	798.0	246.	1007.	16.99	15890.	11343.	16.79	1.401
47	790.0	232.	1026.	17.21	16122.	12369.	16.82	1.303
48	782.0	152.	1070.	17.52	16274.	13438.	16.88	1.211
49	775.0	162.	1054.	17.69	16435.	14492.	16.94	1.134
50	768.0	126.	989.	17.71	16561.	15481.	16.99	1.070
51	760.0	111.	1011.	17.67	16673.	16492.	17.03	1.011
52	752.0	94.	947.	17.42	16767.	17439.	17.05	0.961
53	745.0	91.	950.	17.54	16858.	18389.	17.07	0.917
54	738.0	470.	2653.	20.00	17328.	21042.	17.44	0.824
55	730.0	521.	2580.	20.13	17850.	23622.	17.74	0.756

INPUT: UNIT # 21, NAME *X7PH8.DAT, # WORDS 19600

INPUT: UNIT # 23, NAME *X7PH7.DAT, # WORDS 19600

TABLE 1. R E S E R V E S B Y B E N C H

B. C. HYDRO -- HAT CREEK PROJECT 25M BLK MODEL, 2 M SELECTIVITY

BLOCK & PIT FILES = *X7BLK.DAT *X7PH8.DAT
TOPOGRAPHY MATRIX = *X7PH7.DAT DATE: 7-JUN-82

LEVEL #	TOE-ELEV	BENCH SUMMARY			CUMULATIVE SUMMARY			
		WASTE-BCM	COAL TONNES	HHV-MJ	WASTE-BCM	COAL TONNES	HHV-MJ	S.R.
17	1015.0	47.	0.	0.00	47.	0.	0.00	0.000
18	1007.0	127.	0.	0.00	173.	0.	0.00	0.000
19	1000.0	173.	0.	0.00	347.	0.	0.00	0.000
20	993.0	178.	0.	0.00	525.	0.	0.00	0.000
21	985.0	239.	0.	0.00	764.	0.	0.00	0.000
22	978.0	255.	12.	14.52	1019.	12.	14.52	87.824
23	970.0	373.	103.	15.25	1391.	115.	15.17	12.141
24	963.0	479.	64.	15.69	1870.	178.	15.36	10.494
25	955.0	502.	71.	15.11	2372.	249.	15.29	9.523
26	948.0	508.	83.	15.65	2880.	332.	15.38	8.665
27	940.0	439.	201.	15.25	3319.	534.	15.33	6.220
28	933.0	411.	231.	15.30	3730.	764.	15.32	4.882
29	925.0	376.	311.	15.46	4106.	1075.	15.36	3.819
30	918.0	390.	327.	15.33	4496.	1402.	15.35	3.207
31	910.0	394.	389.	15.51	4890.	1791.	15.39	2.731
32	903.0	407.	329.	15.07	5297.	2120.	15.34	2.499
33	895.0	419.	391.	15.26	5716.	2511.	15.33	2.277
34	888.0	502.	375.	15.46	6218.	2886.	15.34	2.155
35	880.0	495.	429.	15.25	6713.	3315.	15.33	2.025
36	873.0	494.	404.	15.75	7207.	3719.	15.38	1.938
37	865.0	479.	430.	15.73	7686.	4149.	15.41	1.852
38	858.0	432.	389.	15.39	8118.	4538.	15.41	1.789
39	850.0	388.	454.	15.49	8506.	4993.	15.42	1.704
40	843.0	339.	507.	15.71	8845.	5499.	15.45	1.608
41	835.0	285.	587.	15.76	9130.	6087.	15.48	1.500
42	828.0	285.	633.	16.05	9415.	6720.	15.53	1.401
43	820.0	265.	661.	16.28	9680.	7381.	15.60	1.312
44	813.0	228.	668.	16.89	9909.	8049.	15.70	1.231
45	805.0	222.	675.	16.96	10131.	8723.	15.80	1.161
46	798.0	187.	600.	17.17	10318.	9324.	15.89	1.107
47	790.0	194.	590.	16.97	10512.	9914.	15.95	1.060
48	782.0	162.	623.	17.17	10674.	10537.	16.03	1.013
49	775.0	168.	615.	17.27	10842.	11152.	16.09	0.972
50	768.0	131.	669.	17.64	10973.	11821.	16.18	0.928
51	760.0	121.	682.	17.48	11094.	12503.	16.25	0.887
52	752.0	105.	643.	17.62	11198.	13146.	16.32	0.852
53	745.0	98.	653.	17.60	11296.	13798.	16.38	0.819
54	738.0	77.	665.	17.55	11373.	14464.	16.43	0.786
55	730.0	70.	673.	17.59	11443.	15136.	16.49	0.756

TABLE 1. R E S E R V E S B Y B E N C H

B. C. HYDRO -- HAT CREEK PROJECT 25M BLK MODEL, 2 M SELECTIVITY

BLOCK & PIT FILES = *X7BLK.DAT *X7PIT.DAT
TOPOGRAPHY MATRIX = *X7TOP.DAT DATE: 3-JUN-82

LEVEL #	TOE-ELEV	BENCH SUMMARY			CUMULATIVE SUMMARY			
		WASTE-BCM	COAL TONNES	HHV-MJ	WASTE-BCM	COAL TONNES	HHV-MJ	S.R.
17	1015.0	70.	0.	0.00	70.	0.	0.00	0.000
18	1007.0	244.	0.	0.00	314.	0.	0.00	0.000
19	1000.0	333.	0.	0.00	647.	0.	0.00	0.000
20	993.0	394.	0.	0.00	1041.	0.	0.00	0.000
21	985.0	516.	0.	0.00	1556.	0.	0.00	0.000
22	978.0	665.	15.	14.46	2221.	15.	14.46	147.087
23	970.0	1044.	116.	15.17	3265.	131.	15.09	24.962
24	963.0	1650.	129.	14.97	4915.	260.	15.03	18.896
25	955.0	2579.	149.	15.21	7494.	410.	15.10	18.300
26	948.0	3217.	264.	16.18	10711.	674.	15.52	15.894
27	940.0	3668.	374.	16.22	14379.	1048.	15.77	13.721
28	933.0	4003.	606.	15.87	18382.	1654.	15.81	11.113
29	925.0	4575.	791.	16.10	22957.	2445.	15.90	9.390
30	918.0	5408.	999.	15.91	28365.	3444.	15.91	8.236
31	910.0	6362.	1357.	16.22	34727.	4801.	15.99	7.234
32	903.0	6648.	1800.	16.34	41376.	6601.	16.09	6.268
33	895.0	6650.	2311.	16.51	48026.	8912.	16.20	5.389
34	888.0	6431.	2704.	16.51	54457.	11617.	16.27	4.688
35	880.0	6442.	3200.	16.55	60899.	14816.	16.33	4.110
36	873.0	7506.	3831.	16.67	68405.	18647.	16.40	3.668
37	865.0	7051.	4287.	16.81	75456.	22934.	16.48	3.290
38	858.0	6470.	5139.	17.27	81926.	28073.	16.62	2.918
39	850.0	4645.	7009.	17.82	86571.	35082.	16.86	2.468
40	843.0	3422.	7897.	18.13	89993.	42979.	17.10	2.094
41	835.0	2751.	8171.	18.25	92745.	51149.	17.28	1.813
42	828.0	2172.	8150.	18.26	94917.	59299.	17.41	1.601
43	820.0	1895.	7910.	18.25	96812.	67209.	17.51	1.440
44	813.0	1658.	7649.	18.28	98470.	74858.	17.59	1.315
45	805.0	1440.	7139.	18.48	99910.	81997.	17.67	1.218
46	798.0	1367.	6656.	18.60	101277.	88653.	17.74	1.142
47	790.0	1141.	6352.	18.69	102418.	95005.	17.80	1.078
48	782.0	958.	5942.	18.75	103376.	100946.	17.86	1.024
49	775.0	872.	5422.	18.85	104248.	106368.	17.91	0.980
50	768.0	803.	5030.	18.84	105051.	111398.	17.95	0.943
51	760.0	655.	4659.	18.83	105705.	116057.	17.99	0.911
52	752.0	616.	4045.	19.15	106321.	120102.	18.03	0.885
53	745.0	568.	3580.	19.39	106889.	123682.	18.06	0.864
54	738.0	498.	3142.	19.64	107387.	126824.	18.10	0.847
55	730.0	388.	2652.	20.04	107775.	129477.	18.14	0.832
56	722.0	346.	2179.	20.03	108121.	131656.	18.17	0.821

```
*** M723V1****  STARTED ON  9-JUN-82  AT 09:41 15.1

**M723V1 RELEASE 9**  REVISED  30-SEPT-1977

  MEDS PROPRIETARY SOFTWARE: MINTEC INC., TUCSON, AZ.


 INPUT DIPPER PCF  "*X7PCF.DAT"   UNIT # 24

B. C. HYDRO -- HAT CREEK PROJECT          25M BLK  MODEL, 2 M SELECTIVITY

MATRIX SIZE          LIMITS          BLOCK  NUMBER
===========       MIN.     MAX.     SIZE
 EAST-WEST       4250.0   7750.0   25.0     140
 NORTH-SOUTH    22250.0  25750.0   25.0     140
 ELEVATION        867.5   1142.5    7.5      90

 # OF WORDS IN B-MATRIX =   25694

TONNAGE FACTOR =   1.00,  TONS/BLOCK =     4688.

SYMBOL PLOT INTERVAL =  1.00

SCALE MAP MULTIPLIER =    0.

INPUT: UNIT # 21, NAME *X7PH1.DAT, # WORDS   19600

INPUT: UNIT # 23, NAME *X7TOP.DAT, # WORDS   19600

INPUT: UNIT # 22, NAME *X7BLK.DAT, # WORDS   25694
```

TABLE 1. R E S E R V E S B Y B E N C H

B. C. HYDRO -- HAT CREEK PROJECT 25M BLK MODEL, 2 M SELECTIVITY

BLOCK & PIT FILES = *X7BLK.DAT *X7PH1.DAT
TOPOGRAPHY MATRIX = *X7TOP.DAT DATE: 9-JUN-82

LEVEL #	TOE-ELEV	BENCH SUMMARY			CUMULATIVE SUMMARY			
		WASTE-BCM	COAL TONNES	HHV-MJ	WASTE-BCM	COAL TONNES	HHV-MJ	S.R.
26	948.0	37.	0.	0.00	38.	0.	0.00	0.000
27	940.0	248.	0.	0.00	286.	0.	0.00	0.000
28	933.0	295.	0.	0.00	581.	0.	0.00	0.000
29	925.0	492.	40.	17.76	1074.	40.	17.76	26.704
30	918.0	583.	104.	17.05	1656.	145.	17.25	11.461
31	910.0	986.	252.	16.55	2642.	396.	16.80	6.670
32	903.0	958.	306.	15.94	3601.	702.	16.42	5.129
33	895.0	1017.	425.	16.46	4618.	1128.	16.44	4.096
34	888.0	836.	476.	16.55	5454.	1604.	16.47	3.401
35	880.0	863.	708.	17.05	6317.	2312.	16.65	2.732
36	873.0	1168.	803.	17.94	7486.	3115.	16.98	2.403
37	865.0	988.	1060.	18.06	8473.	4175.	17.25	2.030
38	858.0	407.	1269.	19.33	8880.	5444.	17.74	1.631
39	850.0	210.	1541.	19.52	9091.	6986.	18.13	1.301
40	843.0	97.	1236.	19.99	9188.	8222.	18.41	1.118
41	835.0	65.	1276.	20.24	9253.	9498.	18.66	0.974

INPUT: UNIT # 21, NAME *X7PH2.DAT, # WORDS 19600

INPUT: UNIT # 23, NAME *X7TOP.DAT, # WORDS 19600

TABLE 1. R E S E R V E S B Y B E N C H

B. C. HYDRO -- HAT CREEK PROJECT 25M BLK MODEL, 2 M SELECTIVITY

BLOCK & PIT FILES = *X7BLK.DAT *X7PH2.DAT
TOPOGRAPHY MATRIX = *X7TOP.DAT DATE: 9-JUN-82

LEVEL #	TOE-ELEV	BENCH SUMMARY			CUMULATIVE SUMMARY			
		WASTE-BCM	COAL TONNES	HHV-MJ	WASTE-BCM	COAL TONNES	HHV-MJ	S.R.
25	955.0	108.	0.	0.00	108.	0.	0.00	0.000
26	948.0	295.	0.	0.00	403.	0.	0.00	0.000
27	940.0	703.	0.	0.00	1106.	0.	0.00	0.000
28	933.0	825.	0.	0.00	1931.	0.	0.00	0.000
29	925.0	1369.	40.	17.76	3300.	40.	17.76	82.091
30	918.0	1569.	115.	17.25	4869.	155.	17.38	31.453
31	910.0	2302.	330.	16.89	7171.	485.	17.05	14.782
32	903.0	2110.	488.	16.38	9281.	973.	16.71	9.539
33	895.0	2289.	666.	16.48	11570.	1639.	16.62	7.058
34	888.0	1987.	762.	16.25	13557.	2401.	16.50	5.646
35	880.0	2172.	1026.	16.65	15729.	3427.	16.55	4.589
36	873.0	2651.	1126.	17.39	18380.	4553.	16.76	4.037
37	865.0	2449.	1413.	17.57	20829.	5966.	16.95	3.491
38	858.0	1616.	1791.	18.57	22445.	7757.	17.32	2.894
39	850.0	1241.	2329.	18.73	23686.	10081.	17.65	2.349
40	843.0	773.	2246.	19.04	24459.	12327.	17.90	1.984
41	835.0	641.	2428.	19.16	25100.	14755.	18.11	1.701
42	828.0	417.	2114.	19.49	25517.	16869.	18.28	1.513
43	820.0	414.	2115.	19.62	25931.	18984.	18.43	1.366
44	813.0	268.	1681.	19.87	26200.	20665.	18.55	1.268
45	805.0	260.	1688.	20.02	26459.	22353.	18.66	1.184

INPUT: UNIT # 21, NAME *X7PH3.DAT, # WORDS 19600

INPUT: UNIT # 23, NAME *X7TOP.DAT, # WORDS 19600

TABLE 1. R E S E R V E S B Y B E N C H

B. C. HYDRO -- HAT CREEK PROJECT 25M BLK MODEL, 2 M SELECTIVITY

BLOCK & PIT FILES = *X7BLK.DAT *X7PH3.DAT
TOPOGRAPHY MATRIX = *X7TOP.DAT DATE: 9-JUN-82

LEVEL #	TOE-ELEV	BENCH SUMMARY			CUMULATIVE SUMMARY			
		WASTE-BCM	COAL TONNES	HHV-MJ	WASTE-BCM	COAL TONNES	HHV-MJ	S.R.
25	955.0	131.	0.	0.00	131.	0.	0.00	0.000
26	948.0	333.	0.	0.00	464.	0.	0.00	0.000
27	940.0	802.	0.	0.00	1266.	0.	0.00	0.000
28	933.0	933.	0.	0.00	2198.	0.	0.00	0.000
29	925.0	1636.	40.	17.76	3834.	40.	17.76	95.384
30	918.0	2042.	115.	17.25	5877.	155.	17.38	37.964
31	910.0	3379.	347.	16.83	9255.	502.	17.00	18.448
32	903.0	3240.	606.	16.25	12495.	1108.	16.59	11.281
33	895.0	3613.	872.	16.49	16108.	1979.	16.55	8.138
34	888.0	3214.	992.	16.36	19322.	2971.	16.48	6.504
35	880.0	3549.	1340.	16.59	22872.	4311.	16.52	5.305
36	873.0	4241.	1471.	17.18	27112.	5782.	16.68	4.689
37	865.0	4183.	1831.	17.47	31296.	7613.	16.87	4.111
38	858.0	3401.	2213.	18.51	34696.	9825.	17.24	3.531
39	850.0	2356.	3692.	19.00	37052.	13518.	17.72	2.741
40	843.0	1330.	3987.	19.49	38383.	17505.	18.13	2.193
41	835.0	1080.	4334.	19.61	39462.	21839.	18.42	1.807
42	828.0	690.	3891.	19.89	40152.	25730.	18.64	1.561
43	820.0	708.	3861.	19.99	40860.	29591.	18.82	1.381
44	813.0	553.	3137.	20.17	41412.	32728.	18.95	1.265
45	805.0	573.	3101.	20.30	41986.	35829.	19.06	1.172

INPUT: UNIT # 21, NAME *X7PH4.DAT, # WORDS 19600

INPUT: UNIT # 23, NAME *X7TOP.DAT, # WORDS 19600

TABLE 1. R E S E R V E S B Y B E N C H

B. C. HYDRO -- HAT CREEK PROJECT 25M BLK MODEL, 2 M SELECTIVITY

BLOCK & PIT FILES = *X7BLK.DAT *X7PH4.DAT
TOPOGRAPHY MATRIX = *X7TOP.DAT DATE: 9-JUN-82

LEVEL #	TOE-ELEV	BENCH SUMMARY			CUMULATIVE SUMMARY			
		WASTE-BCM	COAL TONNES	HHV-MJ	WASTE-BCM	COAL TONNES	HHV-MJ	S.R.
25	955.0	403.	0.	0.00	403.	0.	0.00	0.000
26	948.0	652.	0.	0.00	1055.	0.	0.00	0.000
27	940.0	1312.	0.	0.00	2367.	0.	0.00	0.000
28	933.0	1493.	17.	14.71	3861.	17.	14.71	224.455
29	925.0	2354.	97.	15.94	6214.	114.	15.75	54.321
30	918.0	2817.	150.	16.54	9031.	264.	16.20	34.221
31	910.0	4198.	425.	16.85	13229.	689.	16.60	19.194
32	903.0	4055.	791.	16.62	17283.	1480.	16.61	11.679
33	895.0	4389.	1170.	16.77	21672.	2650.	16.68	8.177
34	888.0	3888.	1459.	16.65	25560.	4109.	16.67	6.220
35	880.0	4192.	1919.	16.82	29752.	6028.	16.72	4.935
36	873.0	4772.	2207.	16.98	34523.	8235.	16.79	4.192
37	865.0	4732.	2590.	17.23	39255.	10825.	16.89	3.626
38	858.0	3891.	3082.	18.04	43147.	13907.	17.15	3.102
39	850.0	2768.	4675.	18.60	45915.	18583.	17.51	2.471
40	843.0	1663.	5056.	19.03	47577.	23639.	17.84	2.013
41	835.0	1409.	5407.	19.15	48986.	29046.	18.08	1.687
42	828.0	956.	4909.	19.35	49941.	33955.	18.26	1.471
43	820.0	982.	4869.	19.39	50923.	38824.	18.40	1.312
44	813.0	719.	4134.	19.69	51643.	42958.	18.53	1.202
45	805.0	748.	4086.	19.84	52390.	47044.	18.64	1.114
46	798.0	638.	3318.	20.16	53029.	50362.	18.74	1.053
47	790.0	641.	3317.	20.15	53669.	53680.	18.83	1.000
48	782.0	457.	2648.	20.40	54126.	56328.	18.90	0.961
49	775.0	514.	2573.	20.29	54640.	58901.	18.96	0.928

INPUT: UNIT # 21, NAME *X7PH5.DAT, # WORDS 19600

INPUT: UNIT # 23, NAME *X7TOP.DAT, # WORDS 19600

TABLE 1. R E S E R V E S B Y B E N C H

B. C. HYDRO -- HAT CREEK PROJECT 25M BLK MODEL, 2 M SELECTIVITY

BLOCK & PIT FILES = *X7BLK.DAT *X7PH5.DAT
TOPOGRAPHY MATRIX = *X7TOP.DAT DATE: 9-JUN-82

LEVEL #	TOE-ELEV	BENCH SUMMARY			CUMULATIVE SUMMARY			
		WASTE-BCM	COAL TONNES	HHV-MJ	WASTE-BCM	COAL TONNES	HHV-MJ	S.R.
23	970.0	19.	0.	0.00	19.	0.	0.00	0.000
24	963.0	192.	0.	0.00	211.	0.	0.00	0.000
25	955.0	834.	0.	18.40	1045.	0.	18.40	3483.750
26	948.0	1200.	0.	18.40	2245.	0.	18.40	5612.594
27	940.0	1970.	5.	18.19	4215.	5.	18.20	766.348
28	933.0	2149.	89.	16.10	6364.	95.	16.22	67.203
29	925.0	3025.	208.	16.16	9389.	303.	16.18	31.017
30	918.0	3544.	247.	16.40	12933.	550.	16.28	23.532
31	910.0	4981.	544.	16.75	17914.	1093.	16.51	16.384
32	903.0	4813.	916.	16.66	22727.	2010.	16.58	11.310
33	895.0	5129.	1394.	16.80	27857.	3403.	16.67	8.185
34	888.0	4532.	1745.	16.75	32389.	5149.	16.69	6.291
35	880.0	4822.	2256.	16.83	37210.	7405.	16.74	5.025
36	873.0	5437.	2706.	17.00	42647.	10111.	16.81	4.218
37	865.0	5371.	3161.	17.20	48018.	13272.	16.90	3.618
38	858.0	4490.	3790.	17.81	52508.	17062.	17.10	3.077
39	850.0	3261.	5546.	18.28	55769.	22608.	17.39	2.467
40	843.0	2027.	5913.	18.62	57797.	28521.	17.65	2.026
41	835.0	1764.	6279.	18.73	59560.	34800.	17.84	1.711
42	828.0	1267.	5787.	18.90	60828.	40587.	17.99	1.499
43	820.0	1256.	5808.	18.85	62084.	46395.	18.10	1.338
44	813.0	933.	5114.	19.08	63016.	51509.	18.20	1.223
45	805.0	949.	5079.	19.23	63966.	56588.	18.29	1.130
46	798.0	792.	4190.	19.57	64757.	60778.	18.38	1.065
47	790.0	756.	4240.	19.58	65513.	65018.	18.46	1.008
48	782.0	532.	3523.	19.88	66045.	68541.	18.53	0.964
49	775.0	588.	3450.	19.77	66633.	71992.	18.59	0.926
50	768.0	485.	2718.	20.16	67118.	74710.	18.65	0.898
51	760.0	515.	2677.	20.13	67633.	77386.	18.70	0.874

INPUT: UNIT # 21, NAME *X7PH6.DAT, # WORDS 19600

INPUT: UNIT # 23, NAME *X7TOP.DAT, # WORDS 19600

TABLE 1. R E S E R V E S B Y B E N C H

B. C. HYDRO -- HAT CREEK PROJECT 25M BLK MODEL, 2 M SELECTIVITY

BLOCK & PIT FILES = *X7BLK.DAT *X7PIT.DAT
TOPOGRAPHY MATRIX = *X7TOP.DAT DATE: 9-JUN-82

LEVEL #	TOE-ELEV	BENCH SUMMARY			CUMULATIVE SUMMARY			
		WASTE-BCM	COAL TONNES	NHV-MJ	WASTE-BCM	COAL TONNES	NHV-MJ	S.R.
19	1000.0	5.	0.	0.00	5.	0.	0.00	0.000
21	985.0	42.	0.	0.00	47.	0.	0.00	0.000
22	978.0	47.	0.	0.00	94.	0.	0.00	0.000
23	970.0	272.	0.	0.00	366.	0.	0.00	0.000
24	963.0	558.	0.	0.00	923.	0.	0.00	0.000
25	955.0	1402.	27.	16.36	2326.	27.	16.36	87.110
26	948.0	1790.	49.	16.90	4116.	75.	16.71	54.662
27	940.0	2555.	82.	16.96	6671.	157.	16.84	42.356
28	933.0	2657.	207.	16.02	9328.	364.	16.38	25.611
29	925.0	3527.	339.	16.12	12855.	703.	16.25	18.281
30	918.0	4047.	381.	16.13	16902.	1084.	16.21	15.589
31	910.0	5446.	749.	16.59	22346.	1833.	16.36	12.192
32	903.0	5291.	1148.	16.61	27637.	2980.	16.46	9.273
33	895.0	5593.	1666.	16.73	33230.	4646.	16.55	7.152
34	888.0	5047.	1985.	16.68	38277.	6631.	16.59	5.772
35	880.0	5321.	2538.	16.71	43599.	9169.	16.62	4.755
36	873.0	5983.	3056.	16.82	49582.	12225.	16.67	4.056
37	865.0	5912.	3570.	16.99	55494.	15795.	16.74	3.513
38	858.0	4973.	4189.	17.63	60467.	19984.	16.93	3.026
39	850.0	3680.	6039.	18.11	64147.	26023.	17.20	2.465
40	843.0	2351.	6560.	18.43	66498.	32583.	17.45	2.041
41	835.0	2033.	7006.	18.51	68531.	39589.	17.64	1.731
42	828.0	1485.	6532.	18.54	70016.	46121.	17.77	1.518
43	820.0	1457.	6579.	18.49	71472.	52700.	17.86	1.356
44	813.0	1100.	5905.	18.66	72572.	58605.	17.94	1.238
45	805.0	1111.	5873.	18.84	73683.	64478.	18.02	1.143
46	798.0	907.	4987.	19.09	74591.	69464.	18.10	1.074
47	790.0	860.	5051.	19.14	75450.	74515.	18.17	1.013
48	783.0	625.	4310.	19.29	76075.	78826.	18.23	0.965
49	775.0	698.	4211.	19.24	76773.	83037.	18.28	0.925
50	768.0	537.	3445.	19.44	77310.	86483.	18.33	0.894
51	760.0	562.	3412.	19.46	77873.	89895.	18.37	0.866
52	753.0	445.	2585.	20.13	78317.	92480.	18.42	0.847
53	745.0	522.	2464.	20.53	78839.	94943.	18.47	0.830

INPUT: UNIT # 21, NAME *X7PIT.DAT, # WORDS 19600

INPUT: UNIT # 23, NAME *X7TOP.DAT, # WORDS 19600

TABLE 1. R E S E R V E S B Y B E N C H

B. C. HYDRO -- HAT CREEK PROJECT 25M BLK MODEL, 2 M SELECTIVITY

BLOCK & PIT FILES = *X7BLK.DAT *X7PIT.DAT
TOPOGRAPHY MATRIX = *X7TOP.DAT DATE: 9-JUN-82

LEVEL #	TOP-ELEV	BENCH SUMMARY			CUMULATIVE SUMMARY			
		WASTE-BCM	COAL TONNES	HHV-MJ	WASTE-BCM	COAL TONNES	HHV-MJ	S.R.
18	1007.0	37.	0.	0.00	38.	0.	0.00	0.000
19	1000.0	131.	0.	0.00	169.	0.	0.00	0.000
20	993.0	122.	0.	0.00	291.	0.	0.00	0.000
21	985.0	248.	0.	0.00	539.	0.	0.00	0.000
22	978.0	295.	0.	0.00	834.	0.	0.00	0.000
23	970.0	710.	11.	14.63	1544.	11.	14.63	143.007
24	963.0	1132.	18.	13.90	2676.	29.	14.17	91.653
25	955.0	2146.	52.	15.68	4822.	81.	15.14	59.603
26	948.0	2527.	144.	16.74	7349.	225.	16.16	32.677
27	940.0	3327.	211.	16.54	10676.	436.	16.35	24.508
28	933.0	3450.	338.	16.01	14126.	773.	16.20	18.264
29	925.0	4307.	525.	16.00	18433.	1299.	16.12	14.193
30	918.0	4760.	627.	15.88	23193.	1926.	16.04	12.042
31	910.0	6185.	1031.	16.24	29379.	2957.	16.11	9.934
32	903.0	6019.	1427.	16.52	35397.	4384.	16.24	8.074
33	895.0	6358.	2022.	16.63	41755.	6406.	16.37	6.518
34	888.0	5766.	2364.	16.63	47522.	8770.	16.44	5.418
35	880.0	6131.	2955.	16.65	53653.	11725.	16.49	4.576
36	873.0	6757.	3450.	16.79	60410.	15175.	16.56	3.981
37	865.0	6698.	4027.	16.90	67107.	19202.	16.63	3.495
38	858.0	5789.	4757.	17.43	72896.	23959.	16.79	3.043
39	850.0	4409.	6730.	17.96	77306.	30689.	17.04	2.519
40	843.0	2953.	7390.	18.28	80258.	38079.	17.29	2.108
41	835.0	2591.	7899.	18.38	82849.	45979.	17.47	1.802
42	828.0	1875.	7497.	18.42	84724.	53475.	17.61	1.584
43	820.0	1815.	7592.	18.37	86538.	61067.	17.70	1.417
44	813.0	1383.	6874.	18.39	87921.	67941.	17.77	1.294
45	805.0	1385.	6849.	18.60	89306.	74790.	17.85	1.194
46	798.0	1154.	5987.	18.74	90460.	80778.	17.91	1.120
47	790.0	1092.	6070.	18.82	91552.	86847.	17.98	1.054
48	782.0	777.	5380.	18.94	92328.	92227.	18.03	1.001
49	775.0	860.	5265.	18.93	93188.	97492.	18.08	0.956
50	768.0	663.	4428.	19.06	93851.	101920.	18.12	0.921
51	760.0	673.	4416.	19.06	94524.	106336.	18.16	0.889
52	752.0	539.	3532.	19.41	95063.	109868.	18.20	0.865
53	745.0	613.	3413.	19.70	95676.	113281.	18.25	0.845
54	738.0	470.	2653.	20.00	96146.	115935.	18.29	0.829
55	730.0	521.	2580.	20.13	96667.	118515.	18.33	0.816

INPUT: UNIT # 21, NAME *X7PIT.DAT, # WORDS 19600

INPUT: UNIT # 23, NAME *X7TOP.DAT, # WORDS 19600

TABLE 1. R E S E R V E S B Y B E N C H

B. C. HYDRO -- HAT CREEK PROJECT 25M BLK MODEL, 2 M SELECTIVITY

BLOCK & PIT FILES = *X7BLK.DAT *X7PIT.DAT
TOPOGRAPHY MATRIX = *X7TOP.DAT DATE: 9-JUN-82

LEVEL #	TOE-ELEV	BENCH SUMMARY			CUMULATIVE SUMMARY			
		WASTE-BCM	COAL TONNES	HHV-MJ	WASTE-BCM	COAL TONNES	HHV-MJ	S.R.
17	1015.0	47.	0.	0.00	47.	0.	0.00	0.000
18	1007.0	164.	0.	0.00	211.	0.	0.00	0.000
19	1000.0	305.	0.	0.00	516.	0.	0.00	0.000
20	993.0	300.	0.	0.00	816.	0.	0.00	0.000
21	985.0	487.	0.	0.00	1303.	0.	0.00	0.000
22	978.0	550.	12.	14.52	1853.	12.	14.52	159.753
23	970.0	1083.	114.	15.19	2936.	125.	15.13	23.412
24	963.0	1610.	82.	15.29	4546.	207.	15.19	21.920
25	955.0	2648.	123.	15.35	7194.	330.	15.25	21.800
26	948.0	3035.	227.	16.30	10229.	557.	15.70	18.355
27	940.0	3766.	412.	15.91	13995.	969.	15.79	14.440
28	933.0	3861.	568.	15.72	17856.	1538.	15.76	11.613
29	925.0	4683.	836.	15.80	22539.	2374.	15.78	9.495
30	918.0	5150.	954.	15.69	27689.	3328.	15.75	8.321
31	910.0	6580.	1420.	16.04	34269.	4748.	15.84	7.218
32	903.0	6426.	1756.	16.25	40695.	6504.	15.95	6.257
33	895.0	6777.	2413.	16.41	47471.	8917.	16.07	5.324
34	888.0	6268.	2739.	16.47	53740.	11656.	16.17	4.610
35	880.0	6626.	3383.	16.47	60366.	15039.	16.24	4.014
36	873.0	7251.	3854.	16.68	67617.	18894.	16.33	3.579
37	865.0	7177.	4457.	16.78	74793.	23351.	16.41	3.203
38	858.0	6221.	5146.	17.27	81014.	28497.	16.57	2.843
39	850.0	4798.	7185.	17.81	85812.	35682.	16.82	2.405
40	843.0	3287.	7897.	18.12	89099.	43579.	17.05	2.045
41	835.0	2871.	8486.	18.20	91970.	52065.	17.24	1.766
42	828.0	2160.	8130.	18.23	94129.	60195.	17.37	1.564
43	820.0	2080.	8253.	18.20	96209.	68448.	17.47	1.406
44	813.0	1611.	7535.	18.26	97820.	75983.	17.55	1.287
45	805.0	1607.	7517.	18.45	99427.	83500.	17.63	1.191
46	798.0	1341.	6588.	18.60	100768.	90088.	17.70	1.119
47	790.0	1284.	6660.	18.65	102054.	96747.	17.77	1.055
48	782.0	939.	5996.	18.76	102993.	102744.	17.83	1.002
49	775.0	1028.	5874.	18.76	104021.	108617.	17.88	0.958
50	768.0	793.	5096.	18.88	104814.	113713.	17.92	0.922
51	760.0	794.	5098.	18.84	105608.	118812.	17.96	0.889
52	752.0	648.	4175.	19.13	106251.	122987.	18.00	0.864
53	745.0	711.	4066.	19.36	106962.	127053.	18.04	0.842
54	738.0	547.	3318.	19.51	107509.	130371.	18.08	0.825
55	730.0	592.	3253.	19.60	108100.	133624.	18.12	0.809

INPUT: UNIT # 21, NAME *X7HRA.DAT, # WORDS 19600

INPUT: UNIT # 23, NAME *X7TOP.DAT, # WORDS 19600

TABLE 1. R E S E R V E S B Y B E N C H

B. C. HYDRO -- HAT CREEK PROJECT 25M BLK MODEL, 2 M SELECTIVITY

BLOCK & PIT FILES = *X7BLK.DAT *X7HRB.DAT
TOPOGRAPHY MATRIX = *X7TOP.DAT DATE: 9-JUN-82

LEVEL #	TOE-ELEV	BENCH SUMMARY			CUMULATIVE SUMMARY			
		WASTE-BCM	COAL TONNES	HHV-MJ	WASTE-BCM	COAL TONNES	HHV-MJ	S.R.
17	1015.0	112.	0.	0.00	113.	0.	0.00	0.000
18	1007.0	248.	0.	0.00	361.	0.	0.00	0.000
19	1000.0	398.	0.	0.00	759.	0.	0.00	0.000
20	993.0	394.	0.	0.00	1153.	0.	0.00	0.000
21	985.0	614.	0.	0.00	1767.	0.	0.00	0.000
22	978.0	692.	17.	14.44	2459.	16.	14.44	149.036
23	970.0	1289.	150.	14.97	3748.	167.	14.92	22.512
24	963.0	1842.	129.	14.97	5590.	296.	14.94	18.898
25	955.0	2938.	182.	14.90	8528.	478.	14.93	17.841
26	948.0	3406.	291.	15.97	11934.	769.	15.32	15.514
27	940.0	4185.	525.	15.44	16118.	1294.	15.37	12.455
28	933.0	4282.	697.	15.50	20401.	1991.	15.41	10.246
29	925.0	5224.	984.	15.63	25624.	2975.	15.49	8.612
30	918.0	5758.	1111.	15.63	31383.	4087.	15.53	7.679
31	910.0	7295.	1592.	15.97	38678.	5679.	15.65	6.811
32	903.0	7140.	1938.	16.20	45818.	7617.	15.79	6.015
33	895.0	7561.	2602.	16.36	53379.	10219.	15.94	5.224
34	888.0	7040.	2912.	16.42	60418.	13130.	16.05	4.601
35	880.0	7400.	3580.	16.43	67819.	16711.	16.13	4.058
36	873.0	7944.	4061.	16.61	75763.	20771.	16.22	3.647
37	865.0	7865.	4672.	16.72	83628.	25443.	16.31	3.287
38	858.0	6805.	5403.	17.20	90433.	30847.	16.47	2.932
39	850.0	5378.	7448.	17.73	95811.	38295.	16.71	2.502
40	843.0	3730.	8147.	18.04	99541.	46442.	16.95	2.143
41	835.0	3306.	8750.	18.12	102847.	55191.	17.13	1.863
42	828.0	2492.	8398.	18.17	105339.	63589.	17.27	1.657
43	820.0	2409.	8524.	18.14	107748.	72114.	17.37	1.494
44	813.0	1852.	7832.	18.19	109600.	79946.	17.45	1.371
45	805.0	1848.	7815.	18.38	111448.	87760.	17.54	1.270
46	798.0	1520.	6793.	18.54	112969.	94554.	17.61	1.195
47	790.0	1463.	6877.	18.59	114432.	101429.	17.67	1.128
48	782.0	1032.	6191.	18.69	115464.	107616.	17.73	1.073
49	775.0	1120.	6066.	18.69	116588.	113681.	17.78	1.026
50	768.0	835.	5241.	18.84	117423.	118922.	17.83	0.987
51	760.0	836.	5243.	18.81	118259.	124165.	17.87	0.952
52	752.0	673.	4265.	19.16	118931.	128431.	17.91	0.926
53	745.0	747.	4146.	19.38	119678.	132577.	17.96	0.903
54	738.0	566.	3372.	19.50	120244.	135949.	18.00	0.884
55	730.0	616.	3298.	19.60	120860.	139247.	18.04	0.868