ASE50B									
Natural Gas- LHV= 20548 btu/lb, 4" inlet loss, 4" exhaust loss, 98.3% Gbeff									1 scf=1
Case	Elevation - ft	Ambient temp F	Load - %	GBout Power KW	GBout Heatrate btu/kwh	Fuel flow lb/hr	Exhaust Temp F	Exhaust Flow Lb/sec	Fuel flow BBTU/day
1	0	0	100%	4288	10935	2282	984	35.0	1.125
2	0	0	75%	3216	11390	1783	886	31.2	0.879
3	0	0	50%	2144	12516	1306	792	26.9	0.644
4	0	0	25%	1072	16108	840	696	21.6	0.414
5	0	0	idle	--	--	318	609	11.2	--
6	0	59	MIP	3900	11485	2180	1118	31.2	1.075
7	0	59	100%	3542	11639	2006	1082	30.0	0.989
8	0	59	75%	2656	12288	1589	994	26.8	0.783
9	0	59	50%	1771	13757	1186	906	23.2	0.585
10	0	59	25%	885	18141	782	815	18.8	0.385
11	0	59	idle	--	--	347	754	10.5	
12	0	100	MIP	3142	12183	1863	1154	27.3	0.919
13	0	100	100%	2821	12441	1708	1120	26.2	0.842
14	0	100	75%	2115	13330	1372	1043	23.5	0.677
15	0	100	50%	1410	15257	1047	968	20.5	0.516
16	0	100	25%	705	20781	713	891	16.7	0.352
17	0	100	idle	--	--	366	856	10.1	
18	1000	0	100%	4288	10908	2277	999	34.2	1.123
19	1000	0	75%	3216	11320	1772	897	30.5	0.874
20	1000	0	50%	2144	12392	1293	799	26.2	0.638
21	1000	0	25%	1072	15867	828	700	21.0	0.408
22	1000	0	idle	--	--	307	609	10.8	
23	1000	59	MIP	3759	11488	2102	1119	30.0	1.037
24	1000	59	100%	3414	11643	1934	1082	28.9	0.954
25	1000	59	75%	2560	12294	1532	994	25.9	0.755
26	1000	59	50%	1707	13765	1143	906	22.4	0.564
27	1000	59	25%	853	18156	754	815	18.1	0.372
28	1000	59	idle	--	--	334	754	10.2	
29	1000	100	MIP	3028	12188	1796	1154	26.3	0.886
30	1000	100	100%	2718	12447	1646	1120	25.2	0.812
31	1000	100	75%	2039	13338	1323	1043	22.7	0.653
32	1000	100	50%	1359	15268	1010	968	19.8	0.498
33	1000	100	25%	680	20829	689	892	16.1	0.340
34	1000	100	idle	--	--	353	856	9.8	
35	2000	0	100%	4288	10891	2273	1017	33.5	1.121
36	2000	0	75%	3216	11254	1762	909	29.8	0.869
37	2000	0	50%	2144	12270	1280	806	25.6	0.631
38	2000	0	25%	1072	15636	816	704	20.5	0.402
39	2000	0	idle	--	--	296	609	10.4	
40	2000	59	MIP	3622	11492	2026	1119	29.0	0.999

41	2000	59	100%	3289	11648	1865	1082	27.9	0.920
42	2000	59	75%	2467	12300	1477	994	24.9	0.728
43	2000	59	50%	1645	13773	1102	906	21.6	0.544
44	2000	59	25%	822	18169	727	816	17.4	0.359
45	2000	59	idle	--	--	322	754	9.8	
46	2000	100	MIP	2917	12194	1731	1154	25.3	0.854
47	2000	100	100%	2619	12453	1587	1120	24.3	0.783
48	2000	100	75%	1964	13346	1276	1043	21.8	0.629
49	2000	100	50%	1309	15280	974	968	19.1	0.480
50	2000	100	25%	655	21079	672	898	15.5	0.331
51	2000	100	idle	--	--	340	856	9.4	
52	3000	0	100%	4288	10884	2271	1037	32.7	1.120
53	3000	0	75%	3216	11192	1752	921	29.2	0.864
54	3000	0	50%	2144	12156	1268	814	25.0	0.626
55	3000	0	25%	1072	15407	804	709	20.0	0.396
56	3000	0	idle	--	--	285	609	10.0	
57	3000	59	MIP	3490	11496	1952	1119	27.9	0.963
58	3000	59	100%	3169	11652	1797	1082	26.8	0.886
59	3000	59	75%	2376	12306	1423	994	24.0	0.702
60	3000	59	50%	1584	13782	1063	907	20.8	0.524
61	3000	59	25%	792	18186	701	816	16.8	0.346
62	3000	59	idle	--	--	311	754	9.4	
63	3000	100	MIP	2810	12200	1668	1154	24.4	0.823
64	3000	100	100%	2522	12459	1529	1120	23.4	0.754
65	3000	100	75%	1891	13355	1229	1044	21.0	0.606
66	3000	100	50%	1261	15293	938	968	18.4	0.463
67	3000	100	25%	630	21422	657	911	14.8	0.324
68	3000	100	idle	--	--	328	856	9.1	

020btu
Fuel flow Mscf/day
1.103
0.862
0.631
0.406
--
1.054
0.970
0.768
0.573
0.378
0.901
0.826
0.663
0.506
0.345
1.101
0.857
0.625
0.400
1.016
0.935
0.741
0.553
0.365
0.868
0.796
0.640
0.488
0.333
1.099
0.852
0.619
0.394
0.980

0.902
0.714
0.533
0.352
0.837
0.767
0.617
0.471
0.325
1.098
0.847
0.613
0.389
0.944
0.869
0.688
0.514
0.339
0.807
0.739
0.594
0.454
0.318

351.73	0.04557
356.99	0.03727
360.55	0.03209
378.5	0.01572
403.53	0.01709

351.88	0.06846
357.17	0.05723
370.38	0.03483
389.32	0.0167
415.97	0.01822

351.73	0.0455
356.98	0.03721
359.02	0.03423
377.16	0.01589