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8 **BEFORE THE GUAM PUBLIC UTILITIES COMMISSION**

9 **IN THE MATTER OF:**

10 **GUAM POWER AUTHORITY**

11 **LEVELIZED ENERGY ADJUSTMENT**

12 **CLAUSE (LEAC)**

13 **DOCKET NO. 02-04**

14 **AMENDED LEAC FILING**

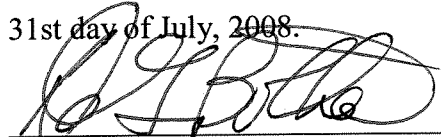
15 **COMES NOW**, the GUAM POWER AUTHORITY (GPA), by and through its counsel
16 of record, D. GRAHAM BOTHA, ESQ., and hereby files GPA's Amended LEAC petition to
17 adjust the LEAC factor effective August 1, 2008. Guam Power Authority is requesting to
18 increase the Fuel Recovery Factor from \$.17044/kWh to \$.19235/kWh effective for meters read
19 on or after August 1, 2008. The change reflects a 9.33% increase in the total bill or \$21.91 for a
20 residential customer utilizing an average of 1,000 kilowatt hours per month.

21 The basis for the LEAC filing is that fuel costs have risen substantially in the last several
22 months from \$76/bbl to \$92/bbl, as of the June 13, 2008 filing, and continue to increase, and are
23 projected to exceed \$100/bbl.

24 **CONCLUSION**

25 The PUC should approve GPA's request for an adjustment to the Fuel Recovery Factor
26 from \$.17045/kWh to \$.19235/kWh effective August 1, 2008, as it is reasonable, prudent, and
27 necessary.

28 **RESPECTFULLY SUBMITTED** this 31st day of July, 2008.


D. GRAHAM BOTHA, ESQ.
GPA Legal Counsel

1 **GUAM CONSOLIDATED COMMISSION ON UTILITIES**

2 **RESOLUTION NO. 2008 - 18**

3

4 **AUTHORIZING THE MANAGEMENT OF THE GUAM POWER AUTHORITY TO**

5 **PETITION THE PUBLIC UTILITIES COMMISSION FOR A CHANGE IN THE**

6 **LEVELIZED ENERGY ADJUSTMENT CLAUSE**

7

8 **WHEREAS**, the Public Utilities Commission (PUC) has established a Tariff under

9 which the Guam Power Authority (GPA) is allowed to recover its fuel costs and fuel related

10 costs under a factor which is reset and trued up every six months through the Levelized Energy

11 Adjustment Clause – (LEAC); and

12

13 **WHEREAS**, the deadline for the next filing was on or about June 15, 2008 and GPA

14 submitted a filing pending authorization from the PUC; and

15

16 **WHEREAS**, GPA has since been notified that due to some internal issues at the PUC,

17 GPA's petition will not be heard until September 2008; and

18

19 **WHEREAS**, the world wide cost of fuel has risen significantly since the last adjustment

20 to the Levelized Energy Adjustment Clause factor from approximately \$92/bbl to a forecast of

21 \$100/bbl for the six month period ending January 31, 2009; and

22

23 **WHEREAS**, during the most recently completed rate proceeding, GPA was allowed to

24 begin recovering costs associated with the carrying value of its fuel; and

25

26 **WHEREAS**, GPA was allowed to recover \$5.296 million during Fiscal Year 2008 for

27 changes in the carrying value of GPA's fuel inventory from October 1, 2007 through July 31,

28 2008 through the LEAC; and

29

30 **WHEREAS**, the October 1, 2007 fuel carrying value was \$64.46 and has grown to

31 \$101.64 as of July 31, 2008 which translates to a carrying value increase of \$18,192,644 which is

32 more than three times greater than the forecasted carrying value growth of \$5,296,000 and has

 placed an extraordinary cash burden on the Authority;

1 **WHEREAS**, GPA is seeking to recover the difference in carrying value over a 12 month
2 period in addition to recovering the costs of fuel actually utilized during the next six month
3 period; and
4

5 **WHEREAS**, despite the best efforts of the management and employees of the Authority
6 to operate its baseload units at high efficiency levels in order to minimize the impact of fuel costs
7 on GPA customers, the cost of fuel is a factor which GPA is unable to control; and
8

9 **WHEREAS**, the GPA General Manager has determined that as a result of GPA current
10 outstanding commitments an attempt to forego an increase at this time would have a crippling
11 effect on the Utility's ability to provide services to its customers and may result in a complete
12 inability to provide services; and
13

14 **WHEREAS**, despite the rising cost of fuel GPA's kWh sales have grown compared to
15 the prior year requiring the Authority to continue to burn approximately 240,000 barrels of fuel
16 per month in order to meet demand and to continue to maintain adequate fuel reserve levels; and
17

18 **WHEREAS**, approval of a request to increase the LEAC factor would mean that more
19 than 70% of each customers power bill will be the result of fuel costs; and
20

21 **WHEREAS**, GPA has determined that the Levelized Energy Adjustment Clause factor
22 will need to be increased from \$.17044/kWh to \$.19235/kWh; and
23

24 **WHEREAS**, this change in the LEAC factor to \$.19235/kWh would result in a increase
25 of 9.33%% of the total bill or \$21.91/month for a residential customer utilizing an average of
26 1,000 kilowatt hours per month; and
27

28 **WHEREAS**, GPA now is requesting the Consolidated Commission on Utilities to
29 authorize the Authority to file an amended petition with the Public Utilities Commission; and
30

31 **NOW, THEREFORE BE IT RESOLVED**, by the Consolidated Commission on
32 Utilities as follows:

1. The General Manager of the Guam Power Authority is authorized to file an amended

petition with the Public Utilities Commission for an increase in the Levelized Energy Adjustment Clause factor from \$.17044/kWh to \$.19235/kWh to be effective August 1, 2008, subject to review by the Public Utilities Commission.

RESOLVED, that the Chairman certifies and the Board Secretary attests to the adoption of this Resolution.

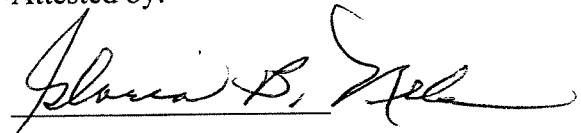
DULY AND REGULARLY ADOPTED AND APPROVED THIS 29th DAY OF JULY, 2008.

Certified by:



SIMON A. SANCHEZ, II
Chairperson

Attested by:



GLORIA B. NELSON
CCU Board Secretary

I, **Gloria B. Nelson**, Secretary for the Consolidated Commission on Utilities do hereby certify that the foregoing is a full, true, and correct copy of the resolution duly adopted at a regular meeting of the members of Guam's Consolidated Commission on Utilities, duly and legally held at the meeting place thereof on July 29, 2008, at which meeting of all said members had due notice and at which at least a majority thereof were present, and

At said meeting said resolution was adopted by the following vote:

Ayes: 5

Nays: -0-

Absent: -0-

Abstain: -0-

As of the date of this certification, said original resolution has not been amended, modified, or rescinded since the date of its adoption, and the same is now in full force and effect.

SO CERTIFIED this 29th day of July 2008.



GLORIA B. NELSON
Secretary
Consolidated Commission on Utilities

GUAM POWER AUTHORITY
Fuel Clause Reconciliation

		FY 08		FY 08		FY 08		FY 08		
		Total	Civilian	Navy						% To
1 Start Date										Total
2 Total Sales		1,658,916	1,320,263	338,653						
3 Daily Sales		4,544.98	3,607.28	925.28						
4 Plant Use		6.44%	232.31	59.59						
5 Transmission Loss		3.66%	132.09	33.88						
6 Distribution Loss		4.46%	160.86	41.26						
7 Company Use		0.18%	6.66	1.71						
8 Total Daily Demand			<u>4,139.21</u>	<u>1,061.72</u>						
9 Month		Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	TOTALS		
10 Days		29	31	30	31	30	31			
		Actual	Actual	Actual	Actual	Actual	Forecast			
11 Required Generation-Civilian		111,211	123,838	127,298	129,040	120,129	128,315	739,831		79.3%
12 Required Generation-Navy		<u>30,790</u>	<u>32,913</u>	<u>31,852</u>	<u>32,913</u>	<u>31,852</u>	<u>32,913</u>	<u>193,234</u>		20.7%
13 TOTAL REQUIRED GENERATION		142,001	156,751	159,150	161,953	151,981	161,229	933,065		
14 Number 6 (HSFO/LSCO)		\$ 16,351,633	\$ 18,161,641	\$ 18,220,563	\$ 19,504,583	\$ 18,723,716	\$ 20,648,774	\$ 111,610,910	Schedule 2	
15 Number 2 (GPA)		647,050	773,012	589,174	570,864	1,091,518	620,720	4,292,338	Schedule 3	
16 Number 2 (USN)		0	0	0	0	0	0	0	Schedule 4	
17 TOTAL COST		\$ 16,998,683	\$ 18,934,653	\$ 18,809,737	\$ 20,075,447	\$ 19,815,234	\$ 21,269,494	\$ 115,903,248		
18 Handling Costs		335,120	<u>310,740</u>	<u>109,716</u>	<u>(623,096)</u>	<u>(700,737)</u>	<u>(916,242)</u>	<u>(1,484,500)</u>	Schedule 5	
19 TOTAL EXPENSE		\$ 17,333,803	\$ 19,245,393	\$ 18,919,453	\$ 19,452,351	\$ 19,114,497	\$ 20,353,252	\$ 114,418,748		
Calculation of Civilian Factor										
20 Sales-Civilian		101,501	103,903	109,628	117,868	107,772	111,826	652,498		219,598
21 Fuel Cost Recovery	\$150,46700	12,581,759	15,633,973	16,495,396	17,735,244	18,369,211	19,060,120	99,875,704		
22 Civilian Costs (Total Expense x %)	79.290%	13,977,223	15,707,449	14,566,426	15,594,770	15,379,638	16,138,179	91,363,685		
22a Deferred Fuel Amort.		0						0		
23 Under/(Over)		1,395,463	73,476	(1,928,970)	(2,140,474)	(2,989,573)	(2,921,941)	(8,512,020)		
24 Estimated Under/(Over)								5,463,219		
25 Net Recovery Under/(Over)								(3,048,801)		
26 Proposed Fuel Cost Recovery								\$170.44512	Rate effective 06/01/08	
Civilian Clause Reconciliation:								\$150.46700	Current rate	
27 Opening Recovery Balance-January 31, 2008		5,463,219	6,858,682	6,932,158	5,003,188	2,862,714	(126,859)			
28 Under/(Over)		1,395,463	73,476	(1,928,970)	(2,140,474)	(2,989,573)	(2,921,941)			
29 Closing Recovery Balance		6,858,682	6,932,158	5,003,188	2,862,714	(126,859)	(3,048,801)	8,512,020	Decrease/Increase	

Bills Computed at 1000 kWh/month	Current Rates	Current Bill	Rate to fully recover	Increase (Decrease)
Customer Charge \$/month	\$ 5.21	\$ 5.21	\$ 5.21	\$ -
Non Fuel Energy Charges (\$/Kwh)				
Lifeline Usage (500 Kwh)	0.03354	16.77	16.77	\$ -
Non Lifeline Usage	0.07950	39.75	39.75	\$ -
Water/Well Charge				
Lifeline Usage (500 Kwh)	0.00000	0	0	\$ -
Non Lifeline Usage	0.00242	1.21	1.21	\$ -
Insurance Charge	0.00145	1.45	1.45	\$ -
Fuel Recovery Charge	\$150.46700	150.47	170.45	\$ 19.98
TOTAL Bill		\$ 214.86	\$ 234.84	\$ 19.98
Increase (Decrease) From Current Bill		\$	19.98	
Percent Increase (Decrease)			9.30%	
Decrease From Current Leac Factor		\$	19.98	
Percent Increase (Decrease)			13.28%	

Baseload Unit Forecast Cost of Number 6 Oil							
IWPS TOTAL GENERATION	142,001	156,751	159,150	161,953	151,981	161,229	933,065
	<u>Feb-08</u>	<u>Mar-08</u>	<u>Apr-08</u>	<u>May-08</u>	<u>Jun-08</u>	<u>Jul-08</u>	<u>Total</u>
Cabras #1							
Generation (Mwh)	0	27,068	31,992	32,953	26,206	24,662	142,881
Kwh/Barrel	634	598	615	592	585	634	
Barrels	0	45,293	52,006	55,623	44,808	38,898	236,628
Mmbtu/Kwh (Heat Rate)	0	10,207	9,916	10,296	10,430	9,621	
Cabras #2							
Generation (Mwh)	28,123	18,336	13,514	7,124	1,760	31,977	100,834
Kwh/Barrel	617	585	600	578	464	618	
Barrels	45,588	31,352	22,537	12,323	3,794	51,743	167,337
Mmbtu/Kwh (Heat Rate)	9,888	10,430	10,173	10,552	13,150	9,871	
Cabras #3							
Generation (Mwh)	21,555	23,075	20,509	22,192	22,120	19,753	129,204
Kwh/Barrel	747	751	756	741	771	770	
Barrels	28,872	30,713	27,140	29,954	28,704	25,653	171,036
Mmbtu/Kwh (Heat Rate)	8,171	8,119	8,072	8,234	7,916	7,922	
Cabras #4							
Generation (Mwh)	21,506	18,814	22,156	20,508	22,568	17,553	123,105
Kwh/Barrel	746	745	768	745	770	716	
Barrels	28,813	25,263	28,860	27,519	29,323	24,516	164,294
Mmbtu/Kwh (Heat Rate)	8,173	8,191	7,946	8,185	7,926	8,520	
Tanguisson #1							
Generation (Mwh)	9,794	9,268	8,695	9,638	8,335	7,835	53,565
Kwh/Barrel	499	507	484	487	506	489	
Barrels	19,630	18,265	17,968	19,781	16,460	16,023	108,127
Mmbtu/Kwh (Heat Rate)	12,226	12,022	12,605	12,520	12,046	12,474	
Tanguisson #2							
Generation (Mwh)	9,131	7,759	4,540	9,816	9,445	5,118	45,809
Kwh/Barrel	472	523	486	486	493	482	
Barrels	19,351	14,830	9,350	20,182	19,175	10,618	93,506
Mmbtu/Kwh (Heat Rate)	12,928	11,659	12,563	12,542	12,384	12,656	
Piti Power Plant 4 & 5							
Generation (Mwh)	0	0	0	0	0	0	0
Kwh/Barrel	463	463	463	463	463	463	
Barrels	0	0	0	0	0	0	0
Mmbtu/Kwh (Heat Rate)	0	0	0	0	0	0	
Enron (IPP) Piti #8							
Generation (Mwh)	22,818	27,296	27,645	28,469	27,800	26,179	160,207
Kwh/Barrel	703	709	713	725	709	721	
Barrels	32,444	38,507	38,771	39,287	39,226	36,309	224,544
Mmbtu/Kwh (Heat Rate)	8,673	8,605	8,555	8,418	8,607	8,460	
Enron (IPP) Piti #9							
Generation (Mwh)	26,445	22,153	27,371	28,488	28,346	26,179	158,982
Kwh/Barrel	709	716	720	727	712	731	
Barrels	37,315	30,948	38,032	39,196	39,832	35,813	221,136
Mmbtu/Kwh (Heat Rate)	8,607	8,522	8,476	8,393	8,572	8,345	
Total Generation (Mwh)	139,372	153,769	156,422	159,188	146,580	159,256	914,587
Total Barrels	212,013	235,171	234,664	243,865	221,322	239,573	1,386,608
Price/Barrel	\$77.13	\$77.23	\$77.65	\$79.98	\$84.60	\$86.19	
Total Cost (Sch. 6)	\$16,351,633	\$18,161,641	\$18,220,563	\$19,504,583	\$18,723,716	\$20,648,774	\$111,610,910
% to Total MWH Generation	98%	98%	98%	98%	96%	99%	
% to Fuel Cost	96%	96%	97%	97%	94%	97%	

THE GUAM POWER AUTHORITY
GPA Diesel Unit Forecast
Cost of Number 2 Oil

Schedule 3
Page 1 of 2
Feb08 thru Jul08

Remaining Demand	2,629	2,982	2,728	2,765	5,401	1,973	18,478
	<u>Feb-08</u>	<u>Mar-08</u>	<u>Apr-08</u>	<u>May-08</u>	<u>Jun-08</u>	<u>Jul-08</u>	<u>Total</u>
Dededo CT #1							
Generation (Mwh)	53	0	0	39	292	0	384
Kwh/Barrel	312	376	376	307	329	376	
Barrels	170	0	0	127	887	0	1,184
Mmbtu/Kwh (Heat Rate)	0	0	0	0	0	0	
Dededo CT #2							
Generation (Mwh)	0	0	0	0	0	0	0
Kwh/Barrel	374	374	374	374	374	374	
Barrels	0	0	0	0	0	0	0
Mmbtu/Kwh (Heat Rate)	0	0	0	0	0	0	
Macheche CT							
Generation (Mwh)	112	349	61	162	0	118	802
Kwh/Barrel	463	489	452	466	469	469	
Barrels	242	714	135	348	0	252	1,691
Mmbtu/Kwh (Heat Rate)	12,532	11,866	12,836	0	0	0	
Yigo CT							
Generation (Mwh)	0	0	0	0	0	0	0
Kwh/Barrel	446	446	446	446	446	446	
Barrels	0	0	0	8	17	0	25
Mmbtu/Kwh (Heat Rate)	0	0	0	0	0	0	
Tenjo Vista							
Generation (Mwh)	1,139	850	2,191	2,061	3,867	1,606	11,714
Kwh/Barrel	619	619	593	622	619	623	
Barrels	1,839	1,373	3,693	3,315	6,243	2,578	19,041
Mmbtu/Kwh (Heat Rate)	0	0	0	9,329	0	0	
TEMES							
Generation (Mwh)	1,326	1,763	449	261	509	27	4,335
Kwh/Barrel	414	411	478	289	349	415	
Barrels	3,202	4,289	939	903	1,457	66	10,856
Mmbtu/Kwh (Heat Rate)	0	0	0	0	0	0	

	<u>Feb-08</u>	<u>Mar-08</u>	<u>Apr-08</u>	<u>May-08</u>	<u>Jun-08</u>	<u>Jul-08</u>	<u>Total</u>
Manengon (MDI)							
Generation (Mwh)	0	20	28	234	614	51	947
Kwh/Barrel	619	606	622	770	620	619	
Barrels	0	33	45	304	991	82	1,455
Mmbtu/Kwh (Heat Rate)	0	0	0	0	0	0	
Talofofo							
Generation (Mwh)	0	0	0	8	120	171	299
Kwh/Barrel	614	614	614	615	622	614	
Barrels	0	0	0	13	193	278	484
Mmbtu/Kwh (Heat Rate)	0	0	0	0	0	0	
Marbo CT							
Generation (Mwh)	0	0	0	0	0	0	0
Kwh/Barrel	293	293	293	293	293	293	
Barrels	0	0	0	0	0	0	0
Mmbtu/Kwh (Heat Rate)	0	0	0	0	0	0	
Dededo Diesel							
Generation (Mwh)	0	0	0	0	0	0	0
Kwh/Barrel	524	524	524	524	524	524	
Barrels	0	0	0	0	0	0	0
Mmbtu/Kwh (Heat Rate)	0	0	0	0	0	0	
Total Generation (MWH) #2 Units	2,630	2,982	2,729	2,765	5,402	1,973	
Total Barrels	5,453	6,409	4,812	5,018	9,788	3,256	34,735
Price/Barrel-See Schedule 7	\$ 118.66	\$ 120.61	\$ 122.44	\$ 113.76	\$ 111.52	\$ 190.66	\$ 123.57
Total Cost	\$647,050	\$773,012	\$589,174	\$570,864	\$1,091,518	\$620,720	\$4,292,338
Total Gross Generation	142,002	156,751	159,151	161,953	151,982	161,229	
Total Barrels	217,466	241,580	239,476	248,883	231,110	242,829	
% to Total MWH Generation	2%	2%	2%	2%	4%	1%	
% to Fuel Cost	4%	4%	3%	3%	6%	3%	

THE GUAM POWER AUTHORITY
Navy Diesel Unit Forecast
Cost of Number 2 Oil

Schedule 4 Feb08 thru Jul08

Remaining Demand	(1)	0	(1)	0	(1)	0	
	<u>Feb-08</u>	<u>Mar-08</u>	<u>Apr-08</u>	<u>May-08</u>	<u>Jun-08</u>	<u>Jul-08</u>	<u>Total</u>
New Orote Plant							
Generation (Mwh)	0	0	0	0	0	0	0
Kwh/Barrel	600	600	600	600	600	600	
Barrels	0	0	0	0	0	0	0
Radio Barrigada Muse							
Generation (Mwh)	0	0	0	0	0	0	0
Kwh/Barrel	550	550	550	550	550	550	
Barrels	0	0	0	0	0	0	0
Naval Hospital Muse							
Generation (Mwh)	0	0	0	0	0	0	0
Kwh/Barrel	550	550	550	550	550	550	
Barrels	0	0	0	0	0	0	0
Total Barrels	0	0	0	0	0	0	0
Price/Barrel	\$ 118.66	\$ 120.61	\$ 122.44	\$ 113.76	\$ 111.52	\$ 190.66	
Total Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining Demand	(1)	0	(1)	0	(1)	0	0

THE GUAM POWER AUTHORITY

Fuel Handling Costs

Schedule 5
Feb08 thru Jul08

	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Total
Total Number Six Consumption	212,013	235,171	234,664	243,865	221,322	239,573	1,386,608
Dock Usage Fee/Barrel	\$0.22	\$0.17	\$0.04	\$0.19	\$0.36	\$0.14	
Total Dock Fee-Shell (FY08 Budget)	\$47,507	\$39,688	\$10,186	\$45,695	\$79,278	\$32,500	\$254,855
A) Excess Laytime/Overtime-Shell	1,612	5,612	0	1,713	9,119	2,037	20,092
Storage Tank Rental-Shell (FY08 Budget)	107,500	115,560	115,560	115,560	115,560	115,560	685,300
Pipeline Fee-Shell (FY08 Budget)	<u>26,957</u>	<u>26,957</u>	<u>26,957</u>	<u>26,957</u>	<u>26,957</u>	<u>33,333</u>	<u>168,119</u>
TOTAL SHELL	\$183,576	\$187,818	\$152,703	\$189,925	\$230,914	\$183,430	\$1,128,366
PEDCO Management Fee	\$54,356	\$54,356	\$54,356	\$54,356	\$54,356	\$54,356	\$326,136
Ship Demurrage Cost (FY 08 Budget)	-	-	-	-	-	16,080	\$16,080
D) Fuel Hedging loss/gain (estimated)	0	0	(239,326)	(909,970)	(1,243,713)	(1,318,679)	(3,711,688)
E) Lube Oil (FY08 1.4M)	97,515	81,872	96,247	36,736	64,493	116,667	493,530
Medium Range planning Study of Dist. Sys.???Why fuel handling	0	0	0	0	90,333	7,533	90,333
Subscription Delivery fee, Vacuum Rental, Hauling (FY08 Budget)	(98,800)	(96,670)	(45,293)	(91,097)	0	(80,255)	(412,115)
F) Sale of fuel to Matson	<u>6,623</u>	<u>300</u>	<u>2,149</u>	<u>2,056</u>	<u>8,171</u>	<u>13,750</u>	<u>33,049</u>
SGS Inspection (FY 08 Budget)	\$59,694	\$39,858	(\$131,867)	(\$907,920)	(\$1,026,359)	(\$1,190,548)	(\$3,157,141)
TOTAL							

Property Insurance Assignable to fuel	0	0	0	0	0	0	\$0
Excess & Pollution Liability Ins.	0	0	0	0	0	0	0
	0	0	0	0	0	0	\$0

C) Labor charges	\$ 10,963	\$ 10,758	\$ 8,283	\$ 9,613	\$ 5,824	\$ 10,001	\$55,442
B) L/C Charges,Bank Charges	80,886	72,306	80,597	85,286	88,885	80,874	\$488,834
TOTAL ADDITIONAL COST	<u>\$335,120</u>	<u>\$310,740</u>	<u>\$109,716</u>	<u>(\$623,096)</u>	<u>(\$700,737)</u>	<u>(\$916,242)</u>	<u>(\$1,484,500)</u>
(A) Total Excess Laytime & O/T Charges for period 10/06 thru 9/07	\$23,727						
Total barrels offloaded FY 2007	2,790,763						
Rate per barrel	<u>\$0.0085</u>						
(B) Total Bank Charges (commission, issuance, LC fees)	FY 08						(240,763.52)
LC charges rate per annum	2.35%						3
# of months charged by ANZ Bank	2						(80,254.51)

(D) Fuel Hedging Gain - Hedging Contract is in place from January 08 thru December 08.

(E) Lube oil is based on FY 08 Budget of (\$1,400,000)

(F) Sale to Matson is based on the average of 3 months actuals Divided by 3 Months Estimated sale to matson

(C) Actual Labor charges 02/08 thru 04/08

Divided by 2 months

Estimated labor charges fy08

\$ 30,003.81

\$ 10,001.27

\$ 10,001.27

THE GUAM POWER AUTHORITY
Impact of FIFO on No. 6 Oil Price

Schedule 5
Feb08 thru Jul08

	Jul-08	Ending
Layer 1		
Inventory (bbbls)		
Price/Bbl	250,114	10,541
Layer 2		
Inventory (bbbls)	86.19	86.19
Price/Bbl	210,623	210,623
Layer 3		
Inventory (bbbls)	98.83	98.83
Price/Bbl	237,798	237,798.00
Layer 4		
Inventory (bbbls)	104.44	104.44
Price/Bbl	250,000	250,000
Layer 5		
Inventory (bbbls)	109.70	109.70
Price/Bbl	250,000	250,000
Layer 6		
Inventory (bbbls)	109.93	109.93
Price/Bbl	250,000	250,000
Layer 7		
Inventory (bbbls)	110.27	110.27
Price/Bbl	250,000	250,000
	110.63	110.63

Total Consumption (bbbls)

239,573

Total Barrels

239,573

- Layer 1
- Layer 2
- Layer 3
- Layer 4
- Layer 5
- Layer 6
- Layer 7

- 0
- 0
- 0
- 0
- 0
- 0
- 0

Total

239,573

Cost

\$20,648,774

- Layer 1
- Layer 2
- Layer 3
- Layer 4
- Layer 5
- Layer 6
- Layer 7

-
-
-
-
-
-
-

Total

\$20,648,774

Price Per Barrel

\$86.19

\$20,648,774

Forecasted
Fuel Price/MT FSFO Premium LSFO Premium Weighted
65/35

- May-08
- Jun-08
- Jul-08
- Aug-08
- Sep-08
- Oct-08
- Nov-08
- Dec-08
- Jan-09

- 86.19 Actual
- 98.83 Actual
- 104.44 Actual
- 109.70 Forecast
- 109.93 Forecast
- 110.27 Forecast
- 110.63 Forecast
- 111.79 Forecast
-

Note: Fuel forecast was based Morgan Stanley
Energy Noon Call Asia on Sing HSFO 180cST
dated 07/24/08

Balance as of 06.01.08

250,114

21,557,278.31

Shipment for June 2008
Shipment for June 2008

36,714
173,909
210,623

20,815,502.58

**Set 1-19
Schedule 7
Feb08 thru Jul08**

Workpaper for Number 2 oil pricing:

Actual Invoice	Shell	May-08
Temes	4.3420	
Diesel	4.8670	
Tenjo	2.6900	
Cabras 1&2/Tango	4.9070	
Total	16.8060	
Average	4.2015	
Multiplied by 42	\$ 176.463	

Premium fee	\$	14.20	Effective June 1, 2007
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Forecast
Price dated 07/24/08

	\$	-		Note:	Fuel forecast was based on Morgan Stanley	-
Apr-08	\$	-			Gasoil swaps dated 07/24/08	-
May-08	\$	-				-
Jun-08	\$	-				-
Jul-08	\$	190.663	Actuals			-
Aug-08	\$	189.377	Forecast			1,156.17
Sep-08	\$	190.382	Forecast			1,162.80
Oct-08	\$	191.385	Forecast			1,169.42
Nov-08	\$	192.279	Forecast			1,175.32
Dec-08	\$	192.279	Forecast			1,175.32
Jan-09	\$	193.617	Forecast			1,184.15

FUEL HEDGING PROGRAM GAIN/(LOSS)

Set 1-19
Schedule 8a
Feb08 thru Jul08

GPA HEDGING CALCULATION

					Platt's Posted Price HSFO 180 cst	Diff. between Platts Price vs. Cap/Floor	Contract Quantity	GPA GAIN / (LOSS)
FY 2008	Trade Date	Month	Cap. Price	Floor Price	\$/MT	\$	MT	(\$)
J Aron Morgan	12/5/2007	January	\$520.00	\$440.00	458.720	\$0.000	9,969	\$ -
	1/14/2008	January	\$519.00	\$457.00	458.720	\$0.000	9,969	\$ -
	PROJECTED NET GPA GAIN/(LOSS)							\$ -
J Aron Morgan	12/5/2007	February	\$520.00	\$440.00	464.500	\$0.000	9,969	\$ -
	1/14/2008	February	\$519.00	\$450.75	464.500	\$0.000	9,969	\$ -
	PROJECTED NET GPA GAIN/(LOSS)							\$ -
J Aron Morgan	12/5/2007	March	\$520.00	\$440.00	467.250	\$0.000	9,969	\$ -
	1/14/2008	March	\$519.00	\$454.50	467.250	\$0.000	9,969	\$ -
	PROJECTED NET GPA GAIN/(LOSS)							\$ -
J Aron	1/17/2008	April	\$522.00	\$438.75	\$ 546.01	\$24.007	9,969	\$ 239,325.78
	Actual NET GPA GAIN/(LOSS)							\$ 239,325.78
	1/17/2008	May	\$522.00	\$438.75	\$ 613.28	\$91.280	9,969	\$ 909,970.32
J Aron	Actual NET GPA GAIN/(LOSS)							\$ 909,970.32
	1/17/2008	June	\$522.00	\$438.75	\$ 646.76	\$124.758	9,969	\$ 1,243,712.50
	PROJECTED NET GPA GAIN/(LOSS)							\$ 1,243,712.50
Goldman Morgan	3/24/2008	July	520.00	486.50	\$ 652.28	\$132.278	9,969	\$ 1,318,679.38
	5/23/2008	July	710.00	618.25	\$ 652.28	\$0.000	9,969	\$ -
	PROJECTED NET GPA GAIN/(LOSS)							\$ 1,318,679.38
Goldman Morgan	3/24/2008	August	520.00	486.50	681.00	\$161.000	9,969	\$ 1,605,009.00
	5/23/2008	August	710.00	618.25	681.00	\$0.000	9,969	\$ -
	PROJECTED NET GPA GAIN/(LOSS)							\$ 1,605,009.00
Goldman Morgan	3/24/2008	September	520.00	486.50	682.50	\$162.500	9,969	\$ 1,619,962.50
	5/23/2008	September	710.00	618.25	682.50	\$0.000	9,969	\$ -
	PROJECTED NET GPA GAIN/(LOSS)							\$ 1,619,962.50
BP Morgan	6/2/2008	October	\$691.00	\$584.10	\$ 684.75	\$0.000	9,969	\$ -
	6/20/2008	October	\$733.00	\$633.50	\$ 684.75	\$0.000	9,969	\$ -
	PROJECTED NET GPA GAIN/(LOSS)							\$ -
BP Morgan	6/2/2008	November	\$691.00	\$584.10	\$ 687.08	\$0.000	9,969	\$ -
	6/20/2008	November	\$733.00	\$633.50	\$ 687.08	\$0.000	9,969	\$ -
	PROJECTED NET GPA GAIN/(LOSS)							\$ -
BP Morgan	6/2/2008	December	\$691.00	\$584.10	\$ 687.08	\$0.000	9,969	\$ -
	6/20/2008	December	\$733.00	\$633.50	\$ 687.08	\$0.000	9,969	\$ -

GPA HEDGE CONTRACTS					
	Trade Date	Quantity	Period	Call Strike \$	Put Strike \$
J Aron	12/5/2007	9969	01/02/2008 - 03/31/2008	520.00	440.00
Morgan Stanley	1/14/2008	9969	01/14-31/2008	519.00	457.00
Morgan Stanley	1/14/2008	9969	02/01-29/2008	519.00	450.75
Morgan Stanley	1/14/2008	9969	03/01-31/2008	519.00	454.50
J Aron	12/5/2007	9969	01/02/2008-03/31/2008	520.00	440.00
J Aron	1/17/2008	9969	04/01/2008 - 06/30/2008	522.00	438.75
Goldman	3/24/2008	9969	07/01/2008 - 09/30/2008	520.00	486.50
Morgan Stanley	5/23/2008	9969	07/01/2008 - 09/30/2008	710.00	618.25
BP Singapore	6/2/2008	9969	10/01/2008 - 12/31/2008	\$691.00	\$584.10
Morgan Stanley	6/20/2008	9969	10/01/2008 - 12/31/2008	733.00	633.50
Goldman	7/3/2008	9969	1/1/09-3/31/09	827.00	\$726.50

WPS TOTAL GENERATION (MW)	142,001	156,751	159,150	161,953	151,981	161,229	791,064
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NWPS TOTAL GENERATION (MW)									
Forecast by Generation	142,001		156,751		159,150		161,953		Forecast by Generation
	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08			
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	33,491	31,715	27,149	24,662
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	11,064	10,477	35,203	31,977
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	23,784	22,523	21,745	19,753
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	18,877	17,876	19,324	17,553
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	27,770	26,297	28,820	26,179
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	25,754	24,388	28,820	26,179
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	8,240	7,803	8,626	7,835
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	6,080	5,758	5,634	5,118
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	-	-	-	-
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	-	-	-	-
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	500	473	130	118
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	-	-	-	-
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	-	-	-	-
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	100	95	30	27
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	-	-	-	-
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	-	-	-	-
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	-	-	-	-
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	60	57	32	29
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	20	19	24	22
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	316	299	124	113
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	180	170	64	58
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	992	939	420	382
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	888	841	380	345
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	792	750	336	305
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	656	621	284	258
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	464	439	180	164
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	464	439	168	153
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	-	-	-	-
-	#DIV/0!	-	#DIV/0!	-	#DIV/0!	160,492	151,981	177,494	161,229

GUAM POWER AUTHORITY
LEVELIZED ENERGY ADJUSTMENT CLAUSE

ASSUMPTIONS/ADD'L INFORMATION:

1. Total sales (Civilian & Navy) same as used in the Docket 98-002.
2. Plant use, losses and company use as a ratio to sales are calculated as follows.

	<u>Mwh</u>	<u>Ratio to Sales</u>
Total Mwh Sales -FY07	1,634,622	
Plant Use - (FY 07)	105,272	6.44%
Transmission Losses (Note A)	59,857	3.66%
Distribution losses (Note A)	72,895	4.46%
Company use (FY07)	3,019	0.18%

Note A:		Allocated FY05
Total T&D losses FY07	<u>Mwh</u> 132,752	<u>T&D Losses</u> 8.12% (Ratio to sales)
Transmission losses-9/30/91	48,579	59,857
Distribution losses- 9/30/91	<u>59,160</u>	<u>72,895</u>
	<u>107,739</u>	<u>132,752</u>

GUAM POWER AUTHORITY
Fuel Clause Reconciliation

Schedule 1
Aug08 thru Jan09

	Total	FY 08	FY 09	FY 08	FY 09	FY 08	FY 09	% To
1 Start Date								
2 Total Sales	1,658,916							
3 Daily Sales	4,544.98							
4 Plant Use	6.44%							
5 Transmission Loss	3.66%							
6 Distribution Loss	4.46%							
7 Company Use	0.18%							
8 Total Daily Demand								

	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	TOTALS	% To
9 Month	31	30	31	30	31	31	Total	
10 Days								
11 Required Generation-Civilian	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast		
12 Required Generation-Navy	128,315	124,176	135,393	131,025	135,393	135,393	789,695	80.1%
13 TOTAL REQUIRED GENERATION	32,913	31,852	33,128	32,059	33,128	33,128	196,207	19.9%
	161,229	156,028	168,520	163,084	168,520	168,520	985,902	

14 Number 6 (HSFO/LSFO)	\$ 23,337,952	\$ 24,149,549	\$ 27,773,046	\$ 26,252,950	\$ 27,277,169	\$ 27,512,302	\$156,302,969	Schedule 2
15 Number 2 (GPA)	759,414	909,874	580,074	341,707	695,578	660,250	3,946,896	Schedule 3
16 Number 2 (USN)	0	0	0	0	0	0	0	Schedule 4
17 TOTAL COST	\$ 24,097,367	\$ 25,059,423	\$ 28,353,120	\$ 26,594,657	\$ 27,972,747	\$ 28,172,552	\$160,249,865	Schedule 5
18 Handling Costs	339,179	327,359	1,961,708	1,955,624	1,959,715	2,277,163	8,820,748	
19 TOTAL EXPENSE	\$ 24,436,546	\$ 25,386,781	\$ 30,314,827	\$ 28,550,281	\$ 29,932,461	\$ 30,449,715	\$169,070,613	

Calculation of Civilian Factor

20 Sales-Civilian	111,826	108,218	117,993	114,187	117,993	117,993	688,210	468,167
21 Fuel Cost Recovery	\$170.45	19,060,120	18,445,277	19,462,611	20,111,365	20,111,365	117,302,104	
22 Civilian Costs (Total Expense x %)	80.099%	19,573,358	20,334,484	24,281,785	22,868,406	23,975,515	135,423,377	
22a Deferred Fuel Amort.		0					0	
23 Under/(Over)		513,238	1,889,207	4,170,420	3,405,795	3,864,150	18,121,273	
24 Estimated Under/(Over)							(3,048,801)	
25 Net Recovery Under/(Over)							15,072,472	
26 Proposed Fuel Cost Recovery							\$192,34609	Rate to fully recover

Civilian Clause Reconciliation:

27 Opening Recovery Balance-July 31, 2008	(3,048,801)	(2,535,563)	(648,356)	3,524,064	6,929,859	10,794,009		
Under/(Over)	513,238	1,889,207	4,170,420	3,405,795	3,864,150	4,278,463		
29 Closing Recovery Balance	(2,535,563)	(648,356)	3,524,064	6,929,859	10,794,009	15,072,472		
							\$170,44512	Current rate
							(18,121,273)	Decrease/(Increase) in Deferred Fuel

Billis Computed at 1000 kWh/month	Current Rates	Current Bill	Rate to fully recover	Increase (Decrease)
Customer Charge \$/month	\$ 5.21	\$ 5.21	\$ 5.21	-
Non Fuel Energy Charges (\$/Kwh)	0.03354	16.77	16.77	-
Lifeline Usage (500 Kwh)	0.07950	39.75	39.75	-
Water/Well Charge	0.00000	0	0	-
Lifeline Usage (500 Kwh)	0.00242	1.21	1.21	-
Insurance Charge	0.00145	1.45	1.45	-
Fuel Recovery Charge	\$170.44512	170.45	192.35	21.90
TOTAL Bill		\$ 234.84	\$ 256.74	\$ 21.90
Increase (Decrease) From Current Bill			\$ 21.90	
Percent Increase (Decrease)			9.33%	
Decrease From Current Leac Factor			\$ 21.90	
Percent Increase (Decrease)			12.85%	

Rate to recover the under recovery thru 01/31/09:	
Under recovery thru 01/09	15,072,472
Sales from Oct. 08 thru Jan. 09	468,167
Rate to recover	32,1947
Current rate	170,4451
Rate to recover the under recovery thru 01/31/09:	202,6398

	Baseload Unit Forecast Cost of Number 6 Oil						
IWPS TOTAL GENERATION	161,229	156,028	168,520	163,084	168,520	168,520	985,902
	<u>Aug-08</u>	<u>Sep-08</u>	<u>Oct-08</u>	<u>Nov-08</u>	<u>Dec-08</u>	<u>Jan-09</u>	<u>Total</u>
Cabras #1							
Generation (Mwh)	25,003	22,358	30,740	27,654	26,970	22,810	155,534
Kwh/Barrel	634	634	634	634	634	634	
Barrels	39,437	35,265	48,486	43,618	42,540	35,978	245,322
Mmbtu/Kwh (Heat Rate)	9,621	9,621	9,621	9,621	9,621	9,621	
Cabras #2							
Generation (Mwh)	20,913	32,430	36,209	27,447	26,898	25,566	169,463
Kwh/Barrel	618	618	618	618	618	618	
Barrels	33,840	52,476	58,591	44,412	43,524	41,370	274,212
Mmbtu/Kwh (Heat Rate)	9,871	9,871	9,871	9,871	9,871	9,871	
Cabras #3							
Generation (Mwh)	20,640	20,260	18,081	21,845	24,793	25,628	131,248
Kwh/Barrel	770	770	770	770	770	770	
Barrels	26,805	26,312	23,482	28,371	32,199	33,283	170,453
Mmbtu/Kwh (Heat Rate)	7,922	7,922	7,922	7,922	7,922	7,922	
Cabras #4							
Generation (Mwh)	23,214	18,590	20,652	22,604	23,971	19,765	128,795
Kwh/Barrel	716	716	716	716	716	716	
Barrels	32,422	25,963	28,843	31,569	33,479	27,605	179,882
Mmbtu/Kwh (Heat Rate)	8,520	8,520	8,520	8,520	8,520	8,520	
Tanguisson #1							
Generation (Mwh)	7,976	7,921	8,471	3,575	8,076	8,802	44,820
Kwh/Barrel	489	489	489	489	489	489	
Barrels	16,311	16,198	17,322	7,310	16,515	17,999	91,655
Mmbtu/Kwh (Heat Rate)	12,474	12,474	12,474	12,474	12,474	12,474	
Tanguisson #2							
Generation (Mwh)	5,369	5,726	7,345	3,540	4,712	7,555	34,247
Kwh/Barrel	482	482	482	482	482	482	
Barrels	11,138	11,880	15,238	7,345	9,775	15,675	71,051
Mmbtu/Kwh (Heat Rate)	12,656	12,656	12,656	12,656	12,656	12,656	
Piti Power Plant 4 & 5							
Generation (Mwh)	0	0	0	0	0	0	0
Kwh/Barrel	463	463	463	463	463	463	
Barrels	0	0	0	0	0	0	0
Mmbtu/Kwh (Heat Rate)	0	0	0	0	0	0	
Enron (IPP) Piti #8							
Generation (Mwh)	27,347	20,123	16,247	28,142	25,429	28,148	145,436
Kwh/Barrel	721	721	721	721	721	721	
Barrels	37,929	27,909	22,534	39,033	35,269	39,040	201,715
Mmbtu/Kwh (Heat Rate)	8,460	8,460	8,460	8,460	8,460	8,460	
Enron (IPP) Piti #9							
Generation (Mwh)	28,313	25,718	28,923	27,182	25,429	28,146	163,712
Kwh/Barrel	731	731	731	731	731	731	
Barrels	38,732	35,182	39,566	37,185	34,787	38,504	223,956
Mmbtu/Kwh (Heat Rate)	8,345	8,345	8,345	8,345	8,345	8,345	
Total Generation (Mwh)	158,775	153,126	166,667	161,989	166,278	166,421	973,256
Total Barrels	236,614	231,187	254,062	238,842	248,088	249,454	1,458,246
Price/Barrel	\$98.63	\$104.46	\$109.32	\$109.92	\$109.95	\$110.29	
Total Cost (Sch. 6)	\$23,337,952	\$24,149,549	\$27,773,046	\$26,252,950	\$27,277,169	\$27,512,302	\$156,302,969
% to Total MWH Generation	98%	98%	99%	99%	99%	99%	
% to Fuel Cost	97%	96%	98%	99%	98%	98%	

THE GUAM POWER AUTHORITY
GPA Diesel Unit Forecast
Cost of Number 2 Oil

Schedule 3
Page 1 of 2
Aug08 thru Jan09

Remaining Demand	2,454	2,902	1,853	1,096	2,242	2,099	12,646
	<u>Aug-08</u>	<u>Sep-08</u>	<u>Oct-08</u>	<u>Nov-08</u>	<u>Dec-08</u>	<u>Jan-09</u>	<u>Total</u>
Dededo CT #1							
Generation (Mwh)	0	0	0	0	0	0	0
Kwh/Barrel	376	376	376	376	376	376	
Barrels	0	0	0	0	0	0	0
Mmbtu/Kwh (Heat Rate)	0	0	0	0	0	0	
Dededo CT #2							
Generation (Mwh)	0	0	0	0	0	0	0
Kwh/Barrel	374	374	374	374	374	374	
Barrels	0	0	0	0	0	0	0
Mmbtu/Kwh (Heat Rate)	0	0	0	0	0	0	
Macheche CT							
Generation (Mwh)	86	176	97	29	29	72	488
Kwh/Barrel	469	469	469	469	469	469	
Barrels	184	375	206	61	61	153	1,040
Mmbtu/Kwh (Heat Rate)	12,367	12,367	12,367	0	0	0	
Yigo CT							
Generation (Mwh)	0	0	0	0	0	0	0
Kwh/Barrel	446	446	446	446	446	446	
Barrels	0	0	0	0	0	0	0
Mmbtu/Kwh (Heat Rate)	0	0	0	0	0	0	
Tenjo Vista							
Generation (Mwh)	2,236	2,346	1,493	892	2,053	1,893	10,913
Kwh/Barrel	623	623	623	623	623	623	
Barrels	3,588	3,766	2,397	1,431	3,295	3,038	17,517
Mmbtu/Kwh (Heat Rate)	9,310	9,310	9,310	9,310	9,310	9,310	
TEMES							
Generation (Mwh)	29	28	0	0	0	0	57
Kwh/Barrel	415	415	415	415	415	415	
Barrels	69	67	0	0	0	0	136
Mmbtu/Kwh (Heat Rate)	13,976	13,976	#VALUE!	#VALUE!	#VALUE!	#VALUE!	

	<u>Aug-08</u>	<u>Sep-08</u>	<u>Oct-08</u>	<u>Nov-08</u>	<u>Dec-08</u>	<u>Jan-09</u>	<u>Total</u>
Manengon (MDI)							
Generation (Mwh)	23	104	81	50	19	41	317
Kwh/Barrel	619	619	619	619	619	619	
Barrels	37	167	131	80	31	66	513
Mmbtu/Kwh (Heat Rate)	9,370	9,370	9,370	9,370	9,370	9,370	
Talofofo							
Generation (Mwh)	81	248	182	126	141	94	872
Kwh/Barrel	614	614	614	614	614	614	
Barrels	131	404	296	205	230	153	1,420
Mmbtu/Kwh (Heat Rate)	9,446	9,446	9,446	9,446	9,446	0	
Marbo CT							
Generation (Mwh)	0	0	0	0	0	0	0
Kwh/Barrel	293	293	293	293	293	293	
Barrels	0	0	0	0	0	0	0
Mmbtu/Kwh (Heat Rate)	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	0	
Dededo Diesel							
Generation (Mwh)	0	0	0	0	0	0	0
Kwh/Barrel	524	524	524	524	524	524	
Barrels	0	0	0	0	0	0	0
Mmbtu/Kwh (Heat Rate)	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	0	
Total Generation (MWH) #2 Units	2,454	2,902	1,853	1,096	2,242	2,099	
Total Barrels	4,010	4,779	3,031	1,777	3,618	3,410	20,625
Price/Barrel-See Schedule 7	\$ 189.38	\$ 190.38	\$ 191.38	\$ 192.28	\$ 192.28	\$ 193.62	\$ 191.36
Total Cost	\$759,414	\$909,874	\$580,074	\$341,707	\$695,578	\$660,250	\$3,946,896
Total Gross Generation	161,229	156,028	168,520	163,084	168,520	168,520	
Total Barrels	240,624	235,966	257,093	240,619	251,706	252,864	
% to Total MWH Generation	2%	2%	1%	1%	1%	1%	
% to Fuel Cost	3%	4%	2%	1%	2%	2%	

THE GUAM POWER AUTHORITY
Navy Diesel Unit Forecast
Cost of Number 2 Oil

Schedule 4 Aug08 thru Jan09

Remaining Demand	(0)	(0)	0	(0)	(0)	(0)	
	<u>Aug-08</u>	<u>Sep-08</u>	<u>Oct-08</u>	<u>Nov-08</u>	<u>Dec-08</u>	<u>Jan-09</u>	<u>Total</u>
New Orote Plant							
Generation (Mwh)	0	0	0	0	0	0	0
Kwh/Barrel	600	600	600	600	600	600	
Barrels	0	0	0	0	0	0	0
Radio Barrigada Muse							
Generation (Mwh)	0	0	0	0	0	0	0
Kwh/Barrel	550	550	550	550	550	550	
Barrels	0	0	0	0	0	0	0
Naval Hospital Muse							
Generation (Mwh)	0	0	0	0	0	0	0
Kwh/Barrel	550	550	550	550	550	550	
Barrels	0	0	0	0	0	0	0
Total Barrels	0	0	0	0	0	0	0
Price/Barrel	\$ 189.38	\$ 190.38	\$ 191.38	\$ 192.28	\$ 192.28	\$ 193.62	
Total Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Remaining Demand	(0)	(0)	0	(0)	(0)	(0)	0

THE GUAM POWER AUTHORITY
Fuel Handling Costs

Schedule 5
Aug08 thru Jan09

	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Total
Total Number Six Consumption	236,614	231,187	254,062	238,842	248,088	249,454	1,458,246
Dock Usage Fee/Barrel	\$0.14	\$0.14	\$0.13	\$0.14	\$0.13	\$0.13	
Total Dock Fee-Shell (FY08 Budget)	\$32,500	\$32,500	\$32,500	\$32,500	\$32,500	\$32,500	\$195,000
A) Excess Laytime/Overtime-Shell	2,012	1,966	2,160	2,031	2,109	2,121	12,398
Storage Tank Rental-Shell (FY08 Budget)	115,560	115,560	115,560	115,560	115,560	115,560	693,360
Pipeline Fee-Shell (FY08 Budget)	33,333	33,333	33,333	33,333	33,333	33,333	200,000
TOTAL SHELL	\$183,405	\$183,359	\$183,553	\$183,424	\$183,503	\$183,514	\$1,100,758
PEDCO Management Fee (actual monthly invoice)	\$54,356	\$54,356	\$54,356	\$54,356	\$54,356	\$54,356	\$326,136
Ship Demurrage Cost (FY 08 Budget)	16,080	16,080	16,080	16,080	16,080	16,080	\$96,482
D) Fuel Hedging loss/gain (estimated)	(1,605,009)	(1,619,963)	0	0	0	316,516	(2,908,456)
E) Lube Oil (FY08 1.4M)	116,667	116,667	116,667	116,667	116,667	116,667	700,000
Subscription Delivery fee, Vacuum Rental, Hauling (FY08 Budget)	7,533	7,533	7,533	7,533	7,533	7,533	45,200
F) Sale of fuel to Matson	(80,255)	(80,255)	(80,255)	(80,255)	(80,255)	(80,255)	(481,527)
G) Wind Study approved by PUC	66,667	66,667	66,667	66,667	66,667	66,667	400,000
H) Inventory growth to be recovered this period -09/30/07 vs. 7/31/08	1,074,720	1,074,720	1,074,720	1,074,720	1,074,720	1,074,720	6,448,322
I) Inventory growth to be recovered this period -07/31/08 vs. 01/31/09	389,856	389,856	389,856	389,856	389,856	389,856	2,339,138
SGS Inspection (FY 08 Budget)	13,750	13,750	13,750	13,750	13,750	13,750	82,500
TOTAL	\$54,366	\$39,413	\$1,659,375	\$1,659,375	\$1,659,375	\$1,975,891	\$7,047,795

Property Insurance Assignable to fuel
Excess & Pollution Liability Ins.

C) Labor charges	\$ 10,001	\$ 10,001	\$ 10,001	\$ 10,001	\$ 10,001	\$ 10,001	\$60,008
B) L/C Charges,Bank Charges	91,407	94,586	108,778	102,824	106,836	107,757	\$612,187
TOTAL ADDITIONAL COST	<u>\$339,179</u>	<u>\$327,359</u>	<u>\$1,961,708</u>	<u>\$1,955,624</u>	<u>\$1,959,715</u>	<u>\$2,277,163</u>	<u>\$8,820,748</u>
							8,820,748

Notes:

(A) Total Excess Laytime & O/T Charges for period 10/06 thru 9/07

Total barrels offloaded FY 2007
Rate per barrel

(B) Total Bank Charges (commission, issuance, LC fees)
LC charges rate per annum
of months charged by ANZ Bank

(c) Actual Labor charges 02/08 thru 04/08
Divided by 2 months
Estimated labor charges fy08

(D) Fuel Hedging Gain - Hedging Contract is in place from January 08 thru December 08.

(E) Lube oil is based on FY 08 Budget of (\$1,400,000)

(F) Sale to Matson is based on the average of 3 months actuals
Divided by 3 Months
Estimated sale to matson

G) Wind study
6 Months amortization
Monthly recovery

H) Inventory Growth calculated as follows:
09/30/07 vs. 7/31/08

THE GUAM POWER AUTHORITY
Impact of FIFO on No. 6 Oil Price

Schedule 6
Aug08 thru Jan09

	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Ending
Layer 1							
Inventory (bbls)	10,541	-	-	-	-	-	-
Price/Bbl	86.19	86.19	86.19	86.19	86.19	86.19	86.19
Layer 2							
Inventory (bbls)	210,623	-	-	-	0	0	0
Price/Bbl	98.83	98.83	98.83	98.83	98.83	98.83	98.83
Layer 3							
Inventory (bbls)	250,000	250,000	18,813	-	-	-	-
Price/Bbl	104.46	104.46	104.46	104.46	104.46	104.46	104.46
Layer 4							
Inventory (bbls)	250,000	250,000	250,000	14,751.56	-	-	0
Price/Bbl	109.70	109.70	109.70	109.70	109.70	109.70	109.70
Layer 5							
Inventory (bbls)	250,000	250,000	250,000	250,000.00	235,248.44	-	0
Price/Bbl	109.93	109.93	109.93	109.93	109.93	109.93	109.93
Layer 6							
Inventory (bbls)	250,000	250,000	250,000	250,000.00	250,000.00	237,160.25	0
Price/Bbl	110.27	110.27	110.27	110.27	110.27	110.27	110.27
Layer 7							
Inventory (bbls)	250,000	250,000	250,000	250,000.00	250,000.00	250,000.00	237,706
Price/Bbl	110.63	110.63	110.63	110.63	110.63	110.63	110.63

Total Consumption (bbls)

249,454

Total Barrels

249,454

Layer 1	0	0	0	0	0	0	0
Layer 2	0	0	0	0	0	0	0
Layer 3	231,187	231,187	18,813	0	0	0	0
Layer 4	0	0	235,248	14,752	0	0	0
Layer 5	0	0	0	224,090	235,248	0	0
Layer 6	0	0	0	0	12,840	237,160	0
Layer 7	0	0	0	0	0	12,294	0

Total

249,454

Cost

Layer 1	\$908,504	\$0	\$0	\$0	\$0	\$0	\$0
Layer 2	20,815,503	-	-	-	-	-	-
Layer 3	1,613,946	24,149,549	1,965,217	-	-	-	-
Layer 4	-	-	25,807,829	1,618,313	-	-	-
Layer 5	-	-	-	24,634,637	25,861,294	-	-
Layer 6	-	-	-	-	1,415,875	26,152,313	-
Layer 7	-	-	-	-	-	1,359,990	-

Total \$23,337,952 \$24,149,549 \$27,773,046 \$26,252,950 \$27,277,169 \$27,512,302 \$156,302,969

Price Per Barrel

\$110.29

Forecasted
Fuel Price/MT FSFO Premium LSFO Premium

May-08	86.19	Actual					
Jun-08	98.83	Actual					
Jul-08	104.46	Actual					
Aug-08	109.70	Forecast					
Sep-08	109.93	Forecast					
Oct-08	110.27	Forecast					
Nov-08	110.63	Forecast					
Dec-08	110.63	Forecast					
Jan-09	111.79	Forecast					

Note: Fuel forecast was based Morgan Stanley
Energy Noon Call Asia on Sing HSFO 180CST
dated 07/24/08

	5.303	8.788					
	5.303	8.788					
	5.303	8.788					
	5.303	8.788					
	5.303	8.788					
	5.303	8.788					
	5.303	8.788					
	5.303	8.788					

Balance as of 06.30.08

21,557,278.31

Schedule 7
Aug08 thru Jan09

Workpaper for Number 2 oil pricing:

Actual Invoice	May-08
Temes	Shell
Diesel	4.3420
Tenjo	4.8670
Cabras 1&2/Tango	2.6900
Total	4.9070
Average	16.8060
Multiplied by 42	4.2015
	\$ 176.463

Premium fee	\$	14.20	Effective June 1, 2007
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Forecast
Price dated 07/24/08[illegible]

Platt's Posted Price	Diff. between Platts Price vs.	Contract	GPA
HSFO 180 cst	Cap/Floor	Quantity	GAIN / (LOSS)

FY 2008	Trade Date	Month	Cap. Price	Floor Price		\$/MT	\$	MT	(\$)
J Aron Morgan	12/5/2007	January	\$520.00	\$440.00		458.720	\$0.000	9,969	\$ -
	1/14/2008	January	\$519.00	\$457.00		458.720	\$0.000	9,969	\$ -
	PROJECTED NET GPA GAIN/(LOSS)								\$ -
J Aron Morgan	12/5/2007	February	\$520.00	\$440.00		464.500	\$0.000	9,969	\$ -
	1/14/2008	February	\$519.00	\$450.75		464.500	\$0.000	9,969	\$ -
	PROJECTED NET GPA GAIN/(LOSS)								\$ -
J Aron Morgan	12/5/2007	March	\$520.00	\$440.00		467.250	\$0.000	9,969	\$ -
	1/14/2008	March	\$519.00	\$454.50		467.250	\$0.000	9,969	\$ -
	PROJECTED NET GPA GAIN/(LOSS)								\$ -
J Aron	1/17/2008	April	\$522.00	\$438.75		\$ 546.01	\$24.007	9,969	\$ 239,325.78
	Actual NET GPA GAIN/(LOSS)								\$ 239,325.78
	J Aron	1/17/2008	May	\$522.00	\$438.75		\$ 613.28	\$91.280	9,969
Actual NET GPA GAIN/(LOSS)								\$ 909,970.32	
J Aron	1/17/2008	June	\$522.00	\$438.75		\$ 646.76	\$124.758	9,969	\$ 1,243,712.50
	PROJECTED NET GPA GAIN/(LOSS)								\$ 1,243,712.50
Goldman Morgan	3/24/2008	July	520.00	486.50		\$ 652.28	\$132.278	9,969	\$ 1,318,679.38
	5/23/2008	July	710.00	618.25		\$ 652.28	\$0.000	9,969	\$ -
	PROJECTED NET GPA GAIN/(LOSS)								\$ 1,318,679.38
Goldman Morgan	3/24/2008	August	520.00	486.50		681.00	\$161.000	9,969	\$ 1,605,009.00
	5/23/2008	August	710.00	618.25		681.00	\$0.000	9,969	\$ -
	PROJECTED NET GPA GAIN/(LOSS)								\$ 1,605,009.00
Goldman Morgan	3/24/2008	September	520.00	486.50		682.50	\$162.500	9,969	\$ 1,619,962.50
	5/23/2008	September	710.00	618.25		682.50	\$0.000	9,969	\$ -
	PROJECTED NET GPA GAIN/(LOSS)								\$ 1,619,962.50
BP Morgan	6/2/2008	October	\$691.00	\$584.10		\$ 684.75	\$0.000	9,969	\$ -
	6/20/2008	October	\$733.00	\$633.50		\$ 684.75	\$0.000	9,969	\$ -
	PROJECTED NET GPA GAIN/(LOSS)								\$ -
BP Morgan	6/2/2008	November	\$691.00	\$584.10		\$ 687.08	\$0.000	9,969	\$ -
	6/20/2008	November	\$733.00	\$633.50		\$ 687.08	\$0.000	9,969	\$ -
	PROJECTED NET GPA GAIN/(LOSS)								\$ -
BP Morgan	6/2/2008	December	\$691.00	\$584.10		\$ 687.08	\$0.000	9,969	\$ -
	6/20/2008	December	\$733.00	\$633.50		\$ 687.08	\$0.000	9,969	\$ -
	PROJECTED NET GPA GAIN/(LOSS)								\$ -
	7/3/2008	January	\$827.00	\$726.50		\$ 694.75	(\$31.750)	9,969	\$ (316,515.75)
									\$ (316,515.75)
NET SETTLEMENT PRICE FY 2008									\$ 6,620,143.74

GPA HEDGE CONTRACTS					
	Trade Date	Quantity	Period	Call Strike \$	Put Strike \$
J Aron	12/5/2007	9969	01/02/2008 - 03/31/2008	520.00	440.00
Morgan Stanley	1/14/2008	9969	01/14-31/2008	519.00	457.00
Morgan Stanley	1/14/2008	9969	02/01-29/2008	519.00	450.75
Morgan Stanley	1/14/2008	9969	03/01-31/2008	519.00	454.50
J Aron	12/5/2007	9969	01/02/2008-03/31/2008	520.00	440.00
J Aron	1/17/2008	9969	04/01/2008 - 06/30/2008	522.00	438.75
Goldman	3/24/2008	9969	07/01/2008 - 09/30/2008	520.00	486.50
Morgan Stanley	5/23/2008	9969	07/01/2008 - 09/30/2008	710.00	618.25
BP Singapore	6/2/2008	9969	10/01/2008 - 12/31/2008	\$691.00	\$584.10
Morgan Stanley	6/20/2008	9969	10/01/2008 - 12/31/2008	733.00	633.50
Goldman	7/3/2008	9969	1/1/09-3/31/09	827.00	\$726.50

[illegible]

NWPS TOTAL GENERATION (MW)												
Forecast by Generation	161,229		156,028		168,520		163,084		168,520		168,520	
	Aug-08	Aug-08	Sep-08	Sep-08	Oct-08	Oct-08	Nov-08	Nov-08	Dec-08	Dec-08	Jan-09	Jan-09
Cabras 1	26,081	25,003	24,165	22,358	31,779	30,740	29,026	27,654	28,220	26,970	22,317	22,810
Cabras 2	21,815	20,913	35,051	32,430	37,434	36,209	28,809	27,447	28,144	26,898	25,014	25,566
Cabras 3	21,530	20,640	21,897	20,260	18,693	18,081	22,930	21,845	25,942	24,793	25,075	25,628
Cabras 4	24,215	23,214	20,092	18,590	21,350	20,652	23,726	22,604	25,081	23,971	19,338	19,765
ENRON 1	28,526	27,347	21,749	20,123	16,797	16,247	29,540	28,142	26,607	25,429	27,540	28,148
ENRON 2	29,534	28,313	27,797	25,718	29,901	28,923	28,532	27,182	26,607	25,429	27,538	28,146
HEI 1	8,320	7,976	8,561	7,921	8,757	8,471	3,752	3,575	8,450	8,076	8,612	8,802
HEI 2	5,600	5,369	6,189	5,726	7,593	7,345	3,716	3,540	4,930	4,712	7,392	7,555
Dededo CT 1	-	-	-	-	-	-	-	-	-	-	-	-
Dededo CT 2	-	-	-	-	-	-	-	-	-	-	-	-
Macheche CT	90	86	190	176	100	97	30	29	30	29	70	72
Marbo CT	-	-	-	-	-	-	-	-	-	-	-	-
Yigo CT	-	-	-	-	-	-	-	-	-	-	-	-
TEMES CT	30	29	30	28	-	-	-	-	-	-	-	-
Dededo Diesel 1	-	-	-	-	-	-	-	-	-	-	-	-
Dededo Diesel 2	-	-	-	-	-	-	-	-	-	-	-	-
Dededo Diesel 3	-	-	-	-	-	-	-	-	-	-	-	-
Dededo Diesel 4	-	-	-	-	-	-	-	-	-	-	-	-
Pulantat Diesel 1	20	19	76	70	52	50	28	27	20	19	28	29
Pulantat Diesel 2	4	4	36	33	32	31	24	23	-	-	12	12
Talofofo Diesel 1	52	50	148	137	120	116	76	72	120	115	52	53
Talofofo Diesel 2	32	31	120	111	68	66	56	53	28	27	40	41
Tenjo Diesel 1	700	671	592	548	328	317	212	202	592	566	740	756
Tenjo Diesel 2	580	556	532	492	316	306	200	191	500	478	388	397
Tenjo Diesel 3	408	391	456	422	272	263	180	171	416	398	316	323
Tenjo Diesel 4	236	226	348	322	228	221	148	141	296	283	244	249
Tenjo Diesel 5	232	222	328	303	216	209	108	103	176	168	92	94
Tenjo Diesel 6	176	169	280	259	184	178	88	84	168	161	72	74
-	-	-	-	-	-	-	-	-	-	-	-	-
168,180	161,229	161,229	168,638	156,028	174,220	168,520	171,180	163,084	176,328	168,520	164,880	168,520

GUAM POWER AUTHORITY
LEVELIZED ENERGY ADJUSTMENT CLAUSE

ASSUMPTIONS/ADD'L INFORMATION:

1. Total sales (Civilian & Navy) same as used in the Docket 98-002.
2. Plant use, losses and company use as a ratio to sales are calculated as follows.

	<u>Mwh</u>	<u>Ratio to Sales</u>
Total Mwh Sales -FY07	1,634,622	
Plant Use - (FY 07)	105,272	6.44%
Transmission Losses (Note A)	59,857	3.66%
Distribution losses (Note A)	72,895	4.46%
Company use (FY07)	3,019	0.18%

Note A:		Allocated FY05
Total T&D losses FY07	<u>Mwh</u> 132,752	<u>T&D Losses</u> 8.12% (Ratio to sales)
Transmission losses-9/30/91	48,579	59,857
Distribution losses- 9/30/91	<u>59,160</u>	<u>72,895</u>
	<u>107,739</u>	<u>132,752</u>