



# CONSOLIDATED COMMISSION ON UTILITIES

Guam Power Authority • Guam Waterworks Authority  
P.O. BOX 2977 • Agana, Guam 96932

## RESOLUTION NO. 2016-25

### RELATIVE TO THE EXTENSION OF THE INTERRUPTIBLE LOAD PILOT PROGRAM

1  
2  
3  
4  
5       **WHEREAS**, on September 22, 2015 the CCU approved an Interruptible Load Pilot Program  
6 (Resolution No. 2015-44); and

7       **WHEREAS**, the Interruptible Load Program (ILP) is an isolation or reduction of a customer's load  
8 as directed by the GPA Dispatcher by which the customer transfers their power supply from the GPA  
9 power system to the customer owned backup generator; and

10       **WHEREAS**, the Interruptible Load Program is an incentive program with a monthly fixed or  
11 standby rate and variable rate based on customer outage hours; and

12       **WHEREAS**, the ILP was approved for a 6 month period ending on March 23, 2016; and

13       **WHEREAS**, over the 6 month program period, GPA credited a total of \$ 1,196,862.74 to 13  
14 participants (see Exhibit A); and

15       **WHEREAS**, GPA had contracted 40MW of additional Temporary Power from Aggreko,  
16 commissioned in January 2016, to offset a portion of the 80MW generation loss of Cabras 3&4 and  
17 provide reserve capacity during the Cabras #2 extended outage in February; and

18       **WHEREAS**, there were no ILP participant outages in February and March with Cabras Unit #2, a  
19 66 MW unit, initiating its extended outage on February 21, 2016; and

20       **WHEREAS**, in March 2016 the Yigo CT, a combustion turbine unit rated for 20MW, experienced  
21 operational issues and was tagged out on March 14 due to turbine damages. TEMES, the recently  
22 awarded Performance Management Contractor is identifying repair options; and

23       **WHEREAS**, Piti #7, a combustion turbine rated for 40MW under the TEMES IPP, was derated to  
24 26.5 MW in December 2015 due to temperature issues and was tagged out on April 11 due to a coupling  
25 failure and potentially other unit damage; and

26       **WHEREAS**, GPA could not sustain the customer demand due to the loss of the Piti #7 along with  
27 other unit outages, including Cabras #2; and

28       **WHEREAS**, on April 11 GPA requested for its ILP partners to interrupt their load which continued  
29 thru April 17; and

30           **WHEREAS**, although Cabras #2 returned to service on April 18, the unit has not been cleared for  
31 full operation as it performs its necessary startup process; and

32           **WHEREAS**, the Island Wide Power System is vulnerable to generation shortages due to the lack  
33 of reserve capacity; and

34           **WHEREAS**, additional unit outages in the coming months are planned for maintenance and  
35 equipment replacement which will improve generator reliability and increase unit capacity; and

36           **WHEREAS**, GPA projects fixed fees for a total of 15 participants for estimated 14 MW of  
37 customer demand is \$92,500 per month.

38           **WHEREAS**, variable rates are dependent on customer outage hours, the following are projected  
39 monthly costs for various outage hours:

<b>Outage Hours per Customer</b>	<b>Monthly Variable Credit</b>
0	\$ -
5	\$ 27,522.31
10	\$ 55,044.62
20	\$ 110,089.24
25	\$ 137,611.55

40

41           **WHEREAS**, GPA seeks approval for an extension of the ILP from April 11 thru Dec 31, 2016; and

42           **WHEREAS**, estimated costs for the extended period of April thru December for average of 10  
43 hours per month per participant is estimated \$ 1,327,948.00; and

44           **WHEREAS**, intends to use the Business Interruption insurance funds for program costs.

45           **NOW, THEREFORE, BE IT RESOLVED**, by the CONSOLIDATED COMMISSION ON UTILITIES subject  
46 to the review and approval of the Public Utilities Commission as follows:

47

48           1.       The General Manager is authorized to extend the Interruptible Load Program through  
49                   December 31, 2016 and compensate ILP participants for GPA requested customer  
50                   outages from April 11.

51

52           **RESOLVED**, that the Chairman of the Commission certifies and the Secretary of the Commission  
53 attests the adoption of this Resolution.

54

55

56

57

58  
59

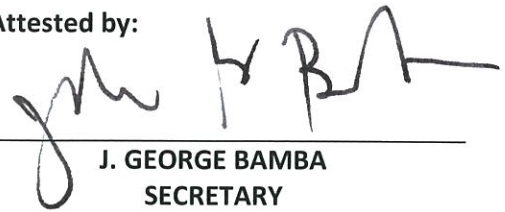
DULY and REGULARY ADOPTED this 26<sup>th</sup> day of April.

Certified by:



JOSEPH T. DUENAS  
CHAIRMAN

Attested by:

  
J. GEORGE BAMBA  
SECRETARY

60  
61

SECRETARY'S CERTIFICATE

62 I, J. George Bamba, Secretary for the Consolidated Commission on Utilities do hereby certify  
63 that the foregoing is a full, true, and correct copy of the resolution duly adopted at a regular meeting of  
64 the members of Guam's Consolidated Commission on Utilities, duly and legally held at the meeting place  
65 thereof on April 26, 2016, at which meeting of all said members had due notice and at which at least s  
66 majority thereof were present, and

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

68 Ayes: 5


69 Nays: 0

70 Absent: 0

71 Abstain: 0

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

74 SO CERTIFIED this 26<sup>th</sup> day of April 2016.

  
J. GEORGE BAMBA  
Secretary  
Consolidated Commission on Utilities

78

Exhibit A  
Monthly ILP Costs

No.	Sep	Monthly Costs											TOTAL
		Oct	Nov	Dec	Jan	Feb	Mar						
1	\$ 13,059.68	\$ 6,630.61	\$ 11,138.34	\$ 4,411.56	\$ 3,290.90	\$ 3,293.59	\$ 41,824.68						
2	\$ 15,002.83	\$ 3,658.85	\$ 5,933.31	\$ 3,268.39	\$ 3,266.73	\$ 3,302.27	\$ 34,432.38						
3	\$ 32,919.66	\$ 12,156.07	\$ 28,850.11	\$ 11,127.30	\$ 7,430.00	\$ 5,967.37	\$ 98,450.50						
4	\$ 14,582.02	\$ 17,293.67	\$ 37,961.08	\$ 14,195.07	\$ 8,469.38	\$ 8,595.69	\$ 101,096.91						
5	\$ 10,042.10	\$ 8,550.21	\$ 23,047.07	\$ 5,841.18	\$ 4,616.95	\$ 4,661.31	\$ 56,758.83						
6	\$ 2,164.55	\$ 3,666.02	\$ 10,878.64	\$ 3,528.55	\$ 1,821.05	\$ 1,939.94	\$ 23,998.74						
7	\$ 1,205.77	\$ 4,587.18	\$ 10,470.30	\$ 9,356.64	\$ 15,884.32	\$ 14,523.78	\$ 56,028.00						
8	\$ 27,353.50	\$ 61,629.97	\$ 67,561.61	\$ 21,035.06	\$ 12,567.28	\$ 12,218.72	\$ 229,181.61						
9	\$ 21,206.04	\$ 24,604.86	\$ 30,995.50	\$ 12,874.59	\$ 8,543.60	\$ 8,714.65	\$ 123,887.72						
10	\$ 2,214.61	\$ 9,502.67	\$ -	\$ -	\$ -	\$ -	\$ 11,717.27						
11	\$ 2,469.44	\$ 33,466.71	\$ 48,817.45	\$ -	\$ -	\$ -	\$ 101,601.47						
12	\$ 7,446.88	\$ 16,500.37	\$ 8,191.30	\$ 5,687.32	\$ 5,846.81	\$ 5,914.47	\$ 49,587.16						
13	\$ 37,494.80	\$ 70,368.08	\$ 26,289.74	\$ 24,112.62	\$ 17,112.19	\$ 16,514.09	\$ 268,297.47						
	<b>\$ 98,185.27</b>	<b>\$ 305,049.28</b>	<b>\$ 151,635.47</b>	<b>\$ 115,438.28</b>	<b>\$ 88,849.22</b>	<b>\$ 85,645.87</b>	<b>\$ 1,196,862.74</b>						

	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16
Participating Customers, No.:	6	13	12	11	11	11	11
Estimated Customer Capacity, MW (Based on Avg. Demand):	8.61	13.54	14.37	13.38	11.71	11.96	11.79
No. Of Days Outaged:	5	9	5	16	6	0	0
Outage Hours:	125	566	141	649	90	0	0
Total Costs:	\$ 98,185	\$ 305,049	\$ 151,635	\$ 352,059	\$ 115,438	\$ 88,849	\$ 85,646
Running Total:	\$ 98,185	\$ 403,235	\$ 554,870	\$ 906,929	\$ 1,022,368	\$ 1,111,217	\$ 1,196,863