

1 **D GRAHAM BOTHA, ESQ.**
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3 **Guam Power Authority**
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8 **BEFORE THE GUAM PUBLIC UTILITIES COMMISSION**

9 IN THE MATTER OF:

10 The Application of the Guam Power Authority)
11 to Approve the FY2011 GPA CIP Ceiling Cap)

DOCKET NO. 94-04

PETITION FOR CONTRACT REVIEW

12
13
14 **COMES NOW**, the GUAM POWER AUTHORITY (GPA), by and through its counsel
15 of record, D. GRAHAM BOTHA, ESQ., and hereby files GPA's Petition for the Public Utilities
16 Commission of Guam to review and approve GPA's FY2011 Internally funded CIP ceiling cap,
17 which consists of General Plant (\$5,001,000), for a total internal FY2011 CIP ceiling cap of
18 \$5,001,000 as follows:

19 **BACKGROUND**

20 The Guam Power Authority is required by the Contract Review Protocol to file its
21 internally funded CIP ceiling cap for the upcoming fiscal year plus estimates for the subsequent
22 two fiscal years. The FY2011 budget, which includes internally funded CIP projects, was
23 approved by the Consolidated Commission on Utilities (CCU) at its meeting on August 10, 2010.
24 The FY2011 budget has internally funded CIP projects and consists of General Plant
25 (\$5,001,000). The total projected FY2011 budget for internally funded CIP projects is
26 \$5,001,000, and GPA is requesting that be approved as the FY2011 CIP ceiling cap. The reason
27 that Engineering projects and specific Cabras plant CIPs are not included is because these
28 projects were included as part of the 2010 Bond projects.

COPY



GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUAHAN
P.O.BOX 2977 • AGANA, GUAM U.S.A. 96932-2977

August 28, 2010

Mr. Jeffrey C. Johnson, Chairman

Public Utilities Commission of Guam
Suite 207, GCIC Building
414 West Soledad Avenue
Hagatna, Guam 96932

Subject: Docket 94-04 General Matters
Ref: Contract Review Protocol
- FY2011 CIP Ceiling CAP Request

Dear Chairman Johnson,

In accordance with Docket 94-04, the Guam Power Authority is requesting PUC approval for FY2011 Internally funded CIP ceiling cap as follows:

	<u>FY2011 CIP CAP:</u>
FY2011 CIP Summary (Attachment 1) *	
General Plant: (Attachment 2)	\$ 5,001,000
TOTAL INTERNAL CIP:	<u>\$ 5,001,000</u>

* Excludes customer line extensions

Included in this submittal is the Consolidated Commission on Utilities (CCU) Resolution 2010-45 ~ FY2011 - CCU Budget Approval (Attachment 3).

Please let me know if you have questions or concerns regarding this transmittal.

Sincerely,

JOAQUIN C. FLORES, P.E.
General Manager

cc: Mr. Randall V. Wiegand, Chief Financial Officer
Ms. Pamela Aguigui, Chief Budget Officer
Mr. Graham Botha, ESQ., GPA Legal Counsel
CFO 115-10 / PUC Docket 94-04

**GUAM POWER AUTHORITY (GPA)
FISCAL YEAR 2011
CAPITAL IMPROVEMENT PROJECTS (CIP)
PUC Ceiling Request**

<u>REVENUE FUNDED:</u>	FY11 CCU Approved	FY12 PROJECTED	FY13 PROJECTED
GENERAL PLANT	\$ 5,001,000	\$ 5,618,000	\$ 3,744,600
PUC CEILING REQUEST excluding Line Extensions:	<u>\$ 5,001,000</u>	<u>\$ 5,618,000</u>	<u>\$ 3,744,600</u>
 Note: LINE EXTENSIONS BUDGET	 \$ 4,700,000	 \$ 4,935,000	 \$ 5,132,400

GUAM POWER AUTHORITY (GPA)
FISCAL YEAR 2011 Capital Improvement Projects (CIP)
PUC CIP Ceiling Request

Attachment 2

CAT.	NO.	DESCRIPTION	SECTION DIVISION	FY 2011 Approved	FY 2012 PROJECTED	FY 2013 PROJECTED
		(391) OFFICE FURNITURE & EQUIPMENT				
391	1	Personal Computer	Board		2,000	
		TOTAL BOARD		0	2,000	0
		(391) OFFICE FURNITURE & EQUIPMENT				
391	2	Personal Computer	AGMO	2,000		
		TOTAL AGMO		2,000	0	0
		(391) OFFICE FURNITURE & EQUIPMENT				
391	3	Personal Computer w/Software	Internal Audit	2,000		3,000
		TOTAL (391) OFFICE FURNITURE & EQUIPMENT		2,000	0	3,000
		TOTAL INTERNAL AUDIT		2,000	0	3,000
		(392) TRANSPORTATION EQUIPMENT				
392	4	Electric Cars - SPORD	Transportation	40,000		
392	5	Retirement of vehicles	Transportation	880,000	800,000	425,000
		TOTAL (392) TRANSPORTATION EQUIPMENT		920,000	800,000	425,000
		(394) TOOLS, SHOP AND GARAGE EQUIPMENT				
394	6	Battery System Tester	Transportation	1,198		
394	7	2 Post Lift 9000 lbs	Transportation			5,740
394	8	Tool Box Combination (3 piece set)	Transportation	20,000	10,000	10,000
394	9	Genesis kit (heavy equip)	Transportation	14,000	7,000	7,000
394	10	Genesis exchange update	Transportation	1,245		
394	11	Compressor 60 gal 1 ea	Transportation	2,530	1,200	
394	12	Portable welder/ Generator Combination	Transportation		30,000	
394	13	Pneumatic impact Guns	Transportation		3,000	
		TOTAL (394) TOOLS, SHOP & GARAGE EQUIPMENT		38,973	51,200	22,740
		TOTAL TRANSPORTATION		958,973	851,200	447,740
		(390) STRUCTURES AND IMPROVEMENTS				
390	14	Security Cameras Upgrade	Customer Serv.	35,000		5,000
390	15	Central Satellite Office Renovation/Expansion	Customer Serv.	0	3,000	3,000
390	16	Office Renovation Customer Service (Business Office, Credit & Collection, Admin)	Customer Serv.		25,000	
		TOTAL (390) STRUCTURES AND IMPROVEMENTS		35,000	28,000	8,000
		(391) OFFICE FURNITURE & EQUIPMENT				
391	17	Rotary Cabinets	Customer Serv.		12,000	
391	18	Computers	Customer Serv.	4,000		14,000
391	19	POS Registers	Customer Serv.			
		TOTAL (391) OFFICE FURNITURE & EQUIPMENT		4,000	12,000	14,000
		TOTAL CUSTOMER SERVICE		39,000	40,000	22,000
		391 OFFICE FURNITURE AND EQUIPMENT				
391	20	Rack Mount Server	Computer Service	0	24,000	24,000
391	21	Replacement Routers	Computer Service	6,000	6,000	6,000
391	22	Rack Mount Uninterrupted Power Source - 1500VA UPS	Computer Service	2,000		
391	23	Storage Area Network	Computer Service	85,000	85,000	
391	24	POS Registers \$3k ea	Computer Service		15,000	
391	25	Datamatic Meter Reading upgrade	Computer Service		50,000	
391	26	24 Port Ethernet Switch 1GB POE Switch	Computer Service	4,000		
391	27	VM Server	Computer Service	85,000		

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391	28	INTUIT Help Desk SW	Computer Service	30,000		
		TOTAL COMPUTER SERVICES		212,000	180,000	30,000
		(390) STRUCTURES AND IMPROVEMENTS				
390	29	A/C Replacements-Various locations	Facilities	10,000	20,000	20,000
390	30	Security Cameras - T & D Buildings	Facilities	20,000	0	0
390	31	Replace Fencing @ Various GPA Facilities	Facilities	10,000	10,000	10,000
		TOTAL (390) STRUCTURES AND IMPROVEMENTS		40,000	30,000	30,000
		TOTAL FACILITIES		40,000	30,000	30,000
		(391) OFFICE FURNITURE AND EQUIPMENT				
391	32	Computer Sys (2) w/Power Surge Protector	Procurement	4,000	0	4,000
		TOTAL (391) OFFICE EQUIPMENT		4,000	0	4,000
		TOTAL PROCUREMENT		4,000	0	4,000
		(390) STRUCTURES AND IMPROVEMENTS				
390	33	Installation of Cyclone Fence Dededo Pole Yard & Whse Perimeter	Warehouse	30,000	10,000	30,000
390	34	Asphalt Paving of Hillside Storage Area and the Pole Yard Grounds	Warehouse	30,000	30,000	20,000
390	35	Speed Dome Ultra 8 Programmable Camera	Warehouse	0		11,310
		TOTAL (390) STRUCTURES & IMPROVEMENTS		60,000	40,000	61,310
		(391) OFFICE FURNITURE AND EQUIPMENT				
391	36	Personal Computer w.accessories	Warehouse	2,000	1,500	0
391	37	Bar Coding System for Stock Management	Warehouse	0	50,000	
		TOTAL (391) OFFICE FURNITURE & EQUIPMENT		2,000	51,500	0
		(393) STORES EQUIPMENT				
393	38	Flammable Lockers - 60 gals	Warehouse	0	1,400	
393	39	Turn-Table 24" Diameter X 2000 lbs capacity	Warehouse	2,150	2,150	2,150
393	40	Turn-Table 48" Diameter X 5000 lbs capacity	Warehouse	3,175	3,175	3,175
393	41	Turn-Table 72" Diameter X 12000 lbs capacity	Warehouse	6,225	6,225	
393	42	Cable and wire cutter heavy-duty	Warehouse	1,736		
		TOTAL (393) TOTAL STORES EQUIPMENT		13,286	12,950	5,325
		TOTAL WAREHOUSE		75,286	104,450	66,635
		(391) OFFICE FURNITURE AND EQUIPMENT				
391	43	Personal Computer w/Software	Safety	2,000		2,000
		TOTAL (391) OFFICE FURNITURE & EQUIPMENT		2,000	0	2,000
		(396) POWER OPERATED EQUIPMENT				
396	44	Automated External Defibrillator	Safety	3,500	3,500	4,000
		TOTAL (396) POWER OPERATED EQUIPMENT		3,500	3,500	4,000
		TOTAL SAFETY		5,500	3,500	6,000
		(391) OFFICE FURNITURE AND EQUIPMENT				
391	45	Computers	CFO	4,000	2,000	2,000
391	46	Computer - Laptop	CFO	2,500	2,000	2,500
		TOTAL CFO		6,500	4,000	4,500
		(391) OFFICE FURNITURE AND EQUIPMENT				
391	47	Computer w/accessories (Replacement)	BUDGET	0	2,000	2,000

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		TOTAL BUDGET		0	2,000	2,000
		(391) OFFICE FURNITURE AND EQUIPMENT				
391	48	Computer - Desktops \$2k each	Accounting	6,000	6,000	6,000
391	49	Fixed Asset Bar Code Tagging sys/Sftwr/Lic	Accounting	25,000		
		TOTAL ACCOUNTING		31,000	6,000	6,000
		(391) OFFICE FURNITURE AND EQUIPMENT				
391	50	Computers for SPORD Staff	SPORD	2,000		
391	51	Computers Fuel Switching w RAID Hot swappable)	SPORD	4,000		
		TOTAL (391) OFFICE FURNITURE & EQUIPMENT		6,000	0	0
		(397) COMMUNICATION EQUIPMENT				
397	52	Fleet Tracking	SPORD	60,000		
397	53	Exchange Server (Email) & Backup	SPORD	36,000		
397	54	Intranet Server	SPORD	18,000		
397	55	Fuel Switching Server Upgrade/Replace	SPORD	18,000		
397	56	Switches (VOIP)	SPORD		248,000	
397	57	Voice Switches (VOIP)	SPORD		60,000	
397	58	Routers (VOIP)	SPORD		64,000	
		TOTAL (397) COMMUNICATION EQUIPMENT		132,000	372,000	0
		TOTAL SPORD		138,000	372,000	0
		(391) OFFICE FURNITURE AND EQUIPMENT				
391	59	Personal Computers	Engineering	4,000	20,000	20,000
391	60	GIS Software (20 seats)	Engineering	0	50,000	50,000
391	61	GIS Data Migration and ArcGIS Configuration	Engineering	0	25,000	
391	62	GIS Integration with Utility Systems	Engineering			102,000
391	63	BPL Global PowerSG Device Connection Fee	Engineering	2,400		
391	64	BPL Global PowerSG Software	Engineering	15,000		
		TOTAL (391) OFFICE FURNITURE & EQUIPMENT		21,400	95,000	172,000
		TOTAL ENGINEERING		21,400	95,000	172,000
		(391) OFFICE FURNITURE AND EQUIPMENT				
391	65	Desktop Computers	Planning & Reg	2,000	2,500	2,500
391	66	Laptop Computer	Planning & Reg	2,000		
		TOTAL (391) OFFICE FURNITURE & EQUIPMENT		4,000	2,500	2,500
		TOTAL PLANNING & REG		4,000	2,500	2,500
		(391) OFFICE FURNITURE & EQUIPMENT				
391	67	Computer Systems	Human Resources	4,000		3,600
391	68	Multi-Media Projectors	Human Resources	3,000		3,000
		TOTAL (391) OFFICE FURNITURE & EQUIPMENT		7,000	0	6,600
		TOTAL HUMAN RESOURCES		7,000	0	6,600
		(390) STRUCTURES AND IMPROVEMENTS				
390	69	Removal of Carpet in Manager's Office	Gen Admin.	1,500		
		TOTAL (390) STRUCTURES & IMPROVEMENTS		1,500	0	0
		391 OFFICE FURNITURE AND EQUIPMENT				
391	70	New Computers and Accessories	Gen Admin.	6,000		3,600

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391	71	Projector (Generation Presentations)	Gen Admin.	1,500		
		TOTAL (391) OFFICE FURNITURE & EQUIPMENT		7,500	0	3,600
		TOTAL GENERATION ADMIN		9,000	0	3,600
		(390) STRUCTURES AND IMPROVEMENTS				
390	72	Upgrade Breaching Ducts (Tenjo & Dededo)	Diesel Plants	75,000	75,000	0
390	73	Purchase of Mobile A-Frame (Talofofo)	Diesel Plants	15,000		
390	74	Lube Oil Storage Tanks	Diesel Plants	10,000	10,300	10,609
390	75	Install Door and ladder for fire exit (MDI)	Diesel Plants	15,000		
390	76	Cleaning berms for MDI, Dededo, Talofofo, Tenjo	Diesel Plants	0	9,000	10,000
390	77	Integrity testing on all fuel oil storage tanks	Diesel Plants	0	15,500	16,000
390	78	Replace exhaust stacks (MDI)	Diesel Plants	75,000	85,000	
		TOTAL (390) STRUCTURES & IMPROVEMENTS		190,000	194,800	36,609
		391 OFFICE FURNITURE AND EQUIPMENT				
391	79	Heavy Duty Office/Executive Chairs	Diesel Plants	2,000	3,000	
391	80	Desk Top Computer	Diesel Plants	2,000	3,000	
391	81	Upgrade computer program software for remote and auto start (Wonder ware Software)	Diesel Plants	15,000		
		TOTAL (391) OFFICE FURNITURE & EQUIPMENT		19,000	6,000	0
		TOTAL DIESEL PLANTS		209,000	200,800	36,609
		(390) STRUCTURES AND IMPROVEMENTS				
390	82	Machine Shop air conditioning and exhaust	Central Maint.		45,000	
390	83	Construct hazardous gas storage cage	Central Maint.	10,000		
390	84	Erect Sandblasting Chamber	Central Maint.			18,000
		TOTAL (390) STRUCTURES & IMPROVEMENTS		10,000	45,000	18,000
		(391) OFFICE FURNITURE & EQUIPMENT				
391	85	Office copier, printer, and fax machine	Central Maint	1,000		
		TOTAL (391) OFFICE FURNITURE AND EQUIPMENT		1,000	0	0
		(393) STORES EQUIPMENT				
393	86	23 cubic foot Refrigerator/Freezer	Central Maint	1,200		
		TOTAL (393) STORES EQUIPMENT		1,200	0	0
		(394) TOOLS, SHOP AND GARAGE EQUIPMENT				
394	87	SB-1016 Sheet Metal Hand Brake	Central Maint	6,700		
		TOTAL (394) TOOLS, SHOP & GARAGE EQUIPMENT		6,700	0	0
		(396) POWER OPERATED EQUIPMENT				
396	88	Portable welding machine (XMT - CC/CV)	Central Maint	6,500		
396	89	Elec-Draulic II Hydraulic Press	Central Maint	20,000		
396	90	Baileigh BS-24SA Band saw	Central Maint		21,000	
396	91	Wilton Combo Belt & Disc Sander	Central Maint			1,800
		TOTAL (396) POWER OPERATED EQUIPMENT		26,500	21,000	1,800
		TOTAL CENTRAL MAINTENANCE		45,400	66,000	19,800
		(390) STRUCTURES AND IMPROVEMENTS				
390	92	Replace Exhaust Stack/Exhaust Duct at Ded CT 1	Gas Turbines	700,000		
390	93	Replace Fuel & Water Meters at Macheche CT	Gas Turbines	10,000		
390	94	Generator overhaul, Dededo CT 1	Gas Turbines		250,000	
390	95	Generator overhaul, Yigo CT	Gas Turbines			250,000
390	96	Replace outdated 125V DC battery bank	Gas Turbines		85,000	

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CAT.	NO.	DESCRIPTION	SECTION DIVISION	FY 2011 Approved	FY 2012 PROJECTED	FY 2013 PROJECTED
390	97	Install pressure tk (softener sys) @ Yigo and Mach	Gas Turbines	5,000	5,000	
390	98	Replace roof at Yigo CT	Gas Turbines	75,000		
390	99	Refrigerated air dryer	Gas Turbines	10,000		
390	100	Replace Obsolete WdWard DCS501 Controls Mach CT	Gas Turbines		300,000	200,000
390	101	Replace Obsolete Speedtronic Mark IV Cntrl CT 1	Gas Turbines			500,000
390	102	Replace Black Start GenSet @ Yigo CT	Gas Turbines	130,000		
390	103	Replace Blk Start Radiator/Louver Assembly Ded CT	Gas Turbines	0	35,000	
390	104	Replace Water Injection Pump/Motor Assy. CT 2	Gas Turbines		46,000	
390	105	Replace Balance of Plant PLC/HMI PC Based Mach CT	Gas Turbines		100,000	0
390	106	Replace Balance of Plant PLC/HMI PC Based Yigo CT	Gas Turbines			100,000
390	107	Replace Dollinger Duplex Filter Assembly @ Yigo CT	Gas Turbines		50,000	
390	108	Replace Mixed Bed Polisher System (Includes Chemical Mixing Stations) @ Yigo CT	Gas Turbines			130,000
390	109	Replace/Upgrade Water Treatment Sys @ Dededo CT	Gas Turbines		225,000	
		TOTAL (390) STRUCTURES & IMPROVEMENTS	Gas Turbines	930,000	1,096,000	1,180,000
		391 OFFICE FURNITURE AND EQUIPMENT				
391	110	Desk computers with software (replacements)	Gas Turbines	4,000	1,500	1,500
391	111	Replace Ergonomic Office & Control Room Chairs	Gas Turbines	1,000	1,000	1,000
		TOTAL (391) OFFICE FURNITURE & EQUIPMENT		5,000	2,500	2,500
		(393) STORES EQUIPMENT				
393	112	Revolving Storage Bins	Gas Turbines	1,700		
393	113	Heavy duty commer shelving units 36" x 18" x 76" x 5	Gas Turbines	3,500		
		TOTAL (393) STORES EQUIPMENT		5,200	0	0
		(394) TOOLS, SHOP AND GARAGE EQUIPMENT				
394	114	Aero derivative turbine lvl 1 mech tool kit w/metal stor	Gas Turbines	9,000		
394	115	Sand Bath w/accessories	Gas Turbines	5,000		
394	116	Meggometer	Gas Turbines	6,500		
		TOTAL (394) TOOLS, SHOP & GARAGE EQUIPMENT		20,500	0	0
		(397) COMMUNICATION EQUIPMENT				
397	117	Design & Install INDUSTRIAL COMMUNICATION (PAGING) SYSTEMS at ► Yigo CT Plant	Gas Turbines		25,000	
397	118	Design & Install INDUSTRIAL COMMUNICATION (PAGING) SYSTEMS at ► Marbo CT Plant	Gas Turbines			25,000
		TOTAL (397) COMMUNICATION EQUIPMENT		0	25,000	25,000
		TOTAL GAS TURBINES (CT)		960,700	1,123,500	1,207,500
		(390) STRUCTURES AND IMPROVEMENTS				
390	119	Build containment pit w metal roof for new/waste oil drm	Water System	0	60,000	0
390	120	Replace all defective exhaust fans at WSD generator bldg	Water System	10,000	0	0
		TOTAL (390) STRUCTURES & IMPROVEMENTS		10,000	60,000	0
		(391) OFFICE FURNITURE AND EQUIPMENT				
391	121	Office Printer	Water System	1,000		
		TOTAL (391) OFFICE FURNITURE & EQUIPMENT		1,000	0	0
		(394) TOOLS, SHOP AND GARAGE EQUIPMENT				
394	122	Flammable Locker	Water System	1,500		
		TOTAL (394) TOOLS, SHOP & GARAGE EQUIPMENT		1,500	0	0
		(396) POWER OPERATED EQUIPMENT				
396	123	Portable Generator (5kw)	Water System	2,000	0	0

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CAT.	NO.	DESCRIPTION	SECTION DIVISION	FY 2011 Approved	FY 2012 PROJECTED	FY 2013 PROJECTED
396	124	Portable Mig Welding Machine (110 volts)	Water System	0	2,000	0
396	125	4,000 PSI Water Blaster	Water System	0	0	2,500
		TOTAL (396) POWER OPERATED EQUIPMENT		2,000	2,000	2,500
		TOTAL WATER SYSTEM		14,500	62,000	2,500
		TOTAL GENERATION DIVISION		1,238,600	1,452,300	1,270,009
		(390) STRUCTURES AND IMPROVEMENTS				
390	126	Rear View Projection Display	PSCC	0	100,000	0
		TOTAL (390) STRUCTURES & IMPROVEMENTS		0	100,000	0
		(391) OFFICE FURNITURE AND EQUIPMENT				
391	127	Library Conference Table	PSCC	1,000		
391	128	Dispatcher Training Simulator	PSCC	136,840		
391	129	Desktop Computers	PSCC	2,000	3,000	3,000
391	130	Notebook Computers	PSCC	2,500	5,000	5,000
391	131	Advantica Synergie Software	PSCC	3,850		
391	132	Digital display with accessories for Dispatch Control room to replace Map Board	PSCC	150,000		
391	133	Back up EMS/SCADA System	PSCC	0	170,000	
391	134	High Back Tilt/Lock, Pivot Arm Chair (dispatch)	PSCC	4,000	0	0
391	135	Computer Color Scanner/Laser Printer	PSCC	2,000		
391	136	DAPMini Server pair	PSCC	10,000	11,000	12,100
391	137	Modem: Wireless Radio Modems & Access (SATEL)	PSCC	0	16,500	18,150
391	138	SIEMENS SCADA software license for TCP/IP	PSCC	50,000		
		TOTAL (391) OFFICE FURNITURE & EQUIPMENT		362,190	205,500	38,250
		(394) TOOLS, SHOP & GARAGE EQUIPMENT				
394	139	Telecommunications Transmission Test Set	PSCC	2,000		
394	140	Data Line Loggers (energy logger)	PSCC	0		3,025
		TOTAL (394) TOOLS, SHOP & GARAGE EQUIPMENT		2,000	0	3,025
		(397) COMMUNICATION EQUIPMENT				
397	141	Smartnet Radio Hand Held	PSCC	30,000	33,000	36,300
397	142	Smartnet Plant Base station and PSCC console	PSCC	150,000	0	
397	143	VHF Base Station (Tenjo)	PSCC	25,000		
		TOTAL (397) COMMUNICATION EQUIPMENT		205,000	33,000	36,300
		TOTAL PSCC		569,190	338,500	77,575
		(390) STRUCTURES AND IMPROVEMENTS				
390	144	Garage Bldg (Open Bay) with Car Wash area (65x108)	T&D Admin	0	100,000	0
390	145	New Building for Tool Room and storage office area for Tool Mechanic (800 sq ft), storage racks and enclosed chain-link storage.	T&D Admin	0	150,000	0
		TOTAL (390) STRUCTURES & IMPROVEMENTS		0	250,000	0
		(391) OFFICE FURNITURE AND EQUIPMENT				
391	146	Computer Upgrade	T&D Admin	6,000	10,000	10,000
391	147	Laptop (Toughbook-74)	T&D Admin	0	2,500	0
391	148	Color Laser Printer	T&D Admin	2,500	0	0
		TOTAL (391) OFFICE FURNITURE & EQUIPMENT		8,500	12,500	10,000
		(393) STORES EQUIPMENT				
393	149	Amcorder Recording Ammeter Kit	T&D Admin	16,500	0	0
393	150	Day Cor II System NTSC Camera	T&D Admin	90,000	0	0
393	151	ThermaCam E-65 (Hand-Held)	T&D Admin	0	0	0

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CAT.	NO.	DESCRIPTION	SECTION DIVISION	FY 2011 Approved	FY 2012 PROJECTED	FY 2013 PROJECTED
393	152	ThermaCam P-60 (Hand-Held)	T&D Admin	0	0	0
393	153	Radio Freq Indicator Eq w/AM Receiver & O Antenna	T&D Admin	6,000	6,600	0
393	154	Amp Stick (Wide Jaw) HV Ammeter	T&D Admin	3,000	0	3,300
		TOTAL (393) STORES EQUIPMENT		115,500	6,600	3,300
		(397) COMMUNICATION EQUIPMENT				
397	155	Hand-Held Radio w battery, charger, case-SMART NET freq	T&D Admin	0	27,500	30,250
397	156	Mobile Radios (SMART NET frequency)	T&D Admin	0	27,500	30,250
		TOTAL (397) COMMUNICATION EQUIPMENT		0	55,000	60,500
		TOTAL T & D ADMIN		124,000	324,100	73,800
		(390) STRUCTURES AND IMPROVEMENTS				
390	157	Storage Bldg at Lay-down Yard.	Overhead	0	150,000	0
		TOTAL (390) STRUCTURES & IMPROVEMENTS		0	150,000	0
		(393) STORES EQUIPMENT				
393	158	34.5kV Switches	Overhead	30,000	33,000	36,300
393	159	SCADA Mate (Retro-Fit R1 to R2 Mechanism)	Overhead	0	44,000	48,400
		TOTAL (393) STORES EQUIPMENT		30,000	77,000	84,700
		(394) TOOLS, SHOP & GARAGE EQUIPMENT				
394	160	Reel Dolly	Overhead	15,000	16,500	0
394	161	Mulcher/Wood Chipper (16-inch diameter)	Overhead	0	0	0
394	162	Mulcher/Wood Chipper (12-inch diameter)	Overhead	0	60,000	0
		TOTAL (394) TOOLS, SHOP & GARAGE EQUIPMENT		15,000	76,500	0
		(396) POWER OPERATED EQUIPMENT				
396	163	Insulator Washer (to include training)	Overhead	208,000	0	0
396	164	Air Compressor - 60 gal. (gas powered) 120psi	Overhead	3,000	0	0
396	165	Air Jack Hammer	Overhead	1,500	0	0
		TOTAL (396) POWER OPERATED EQUIPMENT		212,500	0	0
		TOTAL OVERHEAD		257,500	303,500	84,700
		(390) STRUCTURES AND IMPROVEMENTS				
390	166	Automatic Voltage Regulator (AVR) Upgrades	Substation			
390	167	Galvanized X-Former Radiator Fin Upgrades	Substation	138,000	150,000	224,400
390	168	SF-6 Circuit Breakers Upgr (Type: 34.5kV, 2000amp, CT)	Substation	130,000	260,000	235,950
390	169	Vacuum Circuit (in-door) Breaker Upgrades	Substation	0	45,000	54,450
390	170	Vacuum Circuit (out-door) Breaker Upg	Substation	45,000	45,000	0
390	171	Battery Bank and Charger	Substation	26,000	26,000	62,920
390	172	Disconnect Switch, Gang-Operated Upgrades 13.8kV	Substation	24,000	17,600	26,400
390	173	Disconnect Switch (air break), Gang-Operated Upg 34.5kV	Substation	30,000	44,000	48,400
390	174	Blade Disconnect Switch Upgrades Type: 34.5kV	Substation	35,200	38,720	29,040
390	175	Pneumatic Operating System	Substation	30,000	0	33,000
390	176	15kV Disconnect/Fuse Compartment Assembly	Substation	6,000	6,600	7,260
390	177	Catchments Basin Construction	Substation	15,000	16,500	8,250
390	178	NEW Asphalt (Substation Warehouse).	Substation	11,000	0	0
390	179	Civil Construction Apra Heights Substation (docking sta Agana/Mongmong Substation (front gate entrance)	Substation	0	82,500	0
390	180	Structural Repair at Apra Substation	Substation	0	0	0
390	181	Dry Tap Transformer	Substation	26,000	28,600	31,460
390	182	Transformer Radiator	Substation			
390	183	SF-6 Circuit Breaker Control Cabinet (Stainless Steel)				
		TOTAL (390) STRUCTURES & IMPROVEMENTS		516,200	760,520	761,530

GUAM POWER AUTHORITY (GPA)
FISCAL YEAR 2011 Capital Improvement Projects (CIP)
PUC CIP Ceiling Request

Attachment 2

CAT.	NO.	DESCRIPTION	SECTION DIVISION	FY 2011 Approved	FY 2012 PROJECTED	FY 2013 PROJECTED
		(393) STORES EQUIPMENT				
393	184	Potential Transformers: (Type: 34.5kV, Ratio1200:5)	Substation	54,000	29,700	39,600
393	185	Potential Transformers: (Type: 115kV, Ratio 1200:5)	Substation	58,200	64,020	70,422
		TOTAL (393) STORES EQUIPMENT		112,200	93,720	110,022
		(394) TOOLS, SHOP & GARAGE EQUIPMENT				
394	186	Oil Pump	Substation	5,000	0	5,500
394	187	Oil Filter Machine w/trailer, hoses and disconnects.	Substation	0	28,000	0
394	188	SF6 Breaker Vacuum Machine (Purifying Machine)	Substation	8,000	0	8,800
		TOTAL (394) TOOLS, SHOP & GARAGE EQUIPMENT		13,000	28,000	14,300
		(395) LABORATORY EQUIPMENT				
395	189	DLRO (1 micro - 300 milliohm) w/case	Substation	0	0	8,470
395	190	Time-Cycle Tester	Substation	0	7,700	0
395	191	Transformer Turn Ratio 3-phase	Substation	0	0	14,080
395	192	Power Factor Test Set	Substation	0	17,600	0
395	193	Transformer Winding Resistance Tester	Substation	12,000	0	13,200
395	194	Mega Ohmmeter (5kV)	Substation	15,500	8,525	8,525
		TOTAL (395) LABORATORY EQUIPMENT		27,500	33,825	44,275
		(396) POWER OPERATED EQUIPMENT				
396	195	Portable Air Compressor (30 gal/gas w/hoses/disconnects	Substation	3,500		3,850
		TOTAL (396) POWER OPERATED EQUIPMENT		3,500	0	3,850
		TOTAL SUBSTATION		672,400	916,065	933,977
		(390) STRUCTURES AND IMPROVEMENTS				
390	196	Emergency Underground Reconstruction	Underground	200,000	200,000	200,000
390	197	Underground Streetlight Reconstruction	Underground	50,000	50,000	0
390	198	40 ft Container (Aluminum)	Underground	6,000	0	0
		TOTAL (390) STRUCTURES & IMPROVEMENTS		256,000	250,000	200,000
		(393) STORES EQUIPMENT				
393	199	5000V Digital/Analog Megohmmeter	Underground	6,000	0	6,600
393	200	Distribution Phasing Tester Kit	Underground	3,000	0	0
393	201	Cordless Multipurpose Phasing Tester Kit	Underground	5,000	0	5,500
393	202	TDR Cable Fault Locator	Underground	16,000	0	0
393	203	Ammeter - Load Spotter	Underground	1,500	0	0
		TOTAL (393) STORES EQUIPMENT		31,500	0	12,100
		(394) TOOLS, SHOP & GARAGE EQUIPMENT				
394	204	Underground Cable Puller	Underground	0	60,000	0
394	205	OEL Interduct Multiple - Reel Trailer	Underground	0	40,000	0
394	206	Traffic Control Arrow Boards - Trailer Mounted	Underground	6,000	0	5,999
394	207	Double Braided Composite - 1/2" Cable Pulling Rope	Underground	2,000	2,200	2,420
394	208	Double Braided Composite - 3/4" Cable Pulling Rope	Underground	2,500	2,750	3,025
394	209	Hydraulic Steel Punch - with dies 3/8, 1/2, 5/8 & 3/4 bolts	Underground	2,000	0	2,200
		TOTAL (394) TOOLS, SHOP & GARAGE EQUIPMENT		12,500	104,950	13,644
		(395) LABORATORY EQUIPMENT				
395	210	Hi-Pot Tester	Underground	40,000		44,000
		TOTAL (395) LABORATORY EQUIPMENT		40,000	0	44,000
		TOTAL UNDERGROUND		340,000	354,950	269,744
		(390) STRUCTURES AND IMPROVEMENTS				
390	211	Renovate Meter Lab	Meter/Relay	75,000	0	0

GUAM POWER AUTHORITY (GPA)
FISCAL YEAR 2011 Capital Improvement Projects (CIP)
PUC CIP Ceiling Request

Attachment 2

CAT.	NO.	DESCRIPTION	SECTION DIVISION	FY 2011 Approved	FY 2012 PROJECTED	FY 2013 PROJECTED
390	212	Renovate Meter/Relay Bldg (ROOF)/Restroom Facilities	Meter/Relay	8,050	0	0
390	213	A/C Unit for 2nd Floor	Meter/Relay	0	16,500	0
		TOTAL (390) STRUCTURES & IMPROVEMENTS		83,050	16,500	0
		(391) OFFICE FURNITURE AND EQUIPMENT				
391	214	Laptop (Tough books 74) (2 each)	Meter/Relay	15,000	13,200	13,200
391	215	Welded Bin Cabinet (metal)	Meter/Relay		1,650	
		TOTAL (391) OFFICE FURNITURE & EQUIPMENT		15,000	14,850	13,200
		(393) STORES EQUIPMENT				
393	216	Quantum Meters (Q1000 - Itron):	Meter/Relay	4,000	4,400	4,840
393	217	Current Transformer for 34.5kV Navy meter points	Meter/Relay	22,500	24,750	27,225
393	218	Various Microprocessor Electronic Relays: SEL	Meter/Relay	107,116	117,828	129,610
393	219	Socket Test Set Adapter	Meter/Relay	0	3,850	3,850
		TOTAL (393) STORES EQUIPMENT		133,616	150,828	165,525
		(395) LABORATORY EQUIPMENT				
395	220	Portable Test Equipment	Meter/Relay	0	26,257	53,095
395	221	Omicron CT Analyzer	Meter/Relay	17,000	18,700	0
395	222	Power Multi-Meter and Accessories	Meter/Relay	0	0	0
395	223	3-Phase Test Set (Doble - Model F6300)	Meter/Relay	0	5,500	0
		TOTAL (395) LABORATORY EQUIPMENT		17,000	50,457	53,095
		(396) POWER OPERATED EQUIPMENT				
396	224	Honda 1000watt Generator/Invertor (for Mobile Vans)	Meter/Relay	2,985	2,200	
396	225	A/C Unit 10-128BTU, Portable	Meter/Relay	1,000	1,100	
		TOTAL (396) POWER OPERATED EQUIPMENT		3,985	3,300	0
		TOTAL METER/RELAY		252,651	235,935	231,820
		TOTAL T & D DIVISION		1,646,551	2,134,550	1,594,041
		GRAND TOTAL GPA WIDE		5,001,000	5,618,000	3,744,600



**CONSOLIDATED
COMMISSION ON UTILITIES**

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

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**GUAM CONSOLIDATED COMMISSION ON UTILITIES
RESOLUTION NO.: 2010-45**

**REGARDING THE ADOPTION OF THE FISCAL YEAR 2011 BUDGET FOR
THE GUAM POWER AUTHORITY**

WHEREAS, the Guam Power Authority is a Public Corporation of the Government of Guam; and

WHEREAS, Section 8117 of Chapter 8 of Title 12 of Guam Code Annotated authorizes the Consolidated Commission on Utilities (CCU) to adopt an annual budget for the Authority; and

WHEREAS, Section 6.11 of the GPA bond indenture agreement requires the Authority to provide a copy of an approved budget to the bond trustee prior to the beginning of each fiscal year; and

WHEREAS, the General Manager of the Guam Power Authority has created and thoroughly reviewed the budget for Fiscal Year 2011 totaling \$413,325,000 as expressed in the summary dated August 10, 2010; and

WHEREAS, the General Manager has carefully scrutinized each line item of the budget and made substantial and significant reductions to the budget document as a whole; and

WHEREAS, the Consolidated Commission on Utilities has established budget priorities in accordance with the strategic vision of the Authority; and

1 **WHEREAS**, during the construction of the budget, the General Manager has
2 ensured that the budget is aligned with these strategic goals; and

3
4 **WHEREAS**, the budget provides revenue funding for Capital Improvement
5 Projects totaling \$9,701,000 which will be augmented by bond projects during this fiscal
6 year; and

7
8 **NOW THEREFORE BE IT RESOLVED**, the following policy is adopted by
9 the Commission:

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1. The Fiscal Year 2011 budget which is based on a base rate revenue forecast of \$156,495,000 and a fuel revenue forecast of \$245,227,000 including labor costs of \$44,351,145, non-labor costs of \$37,679,679, capitalized less capital improvements projects (CWIP) of \$5,249,824 (total O&M of \$76,781,000) and Independent Power Producers plus debt service cost of \$42,981,000 revenue funded Capital Improvement Projects of \$9,701,000 and bond financed projects (\$106 million for FY2011-FY2013) as expressed in the Summary of Revenue Requirements dated August 10, 2010 is hereby adopted.
2. The approved level of budgeted positions within the Authority shall be 592 excluding the contract personnel in the GPA Apprenticeship Program.
3. The General Manager is authorized to operate within the total amount of this budget and to transfer funds between major and minor categories¹ as necessary to meet the mission of the Authority.
4. The General Manager's delegated contract approval authority remains at \$250,000.

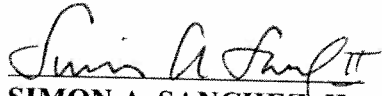
RESOLVED, that the Chairman certifies and the Secretary attests to the adoption of this Resolution.

DULY AND REGULARLY ADOPTED NUNC PRO TUNC this 10th day of August 2010.

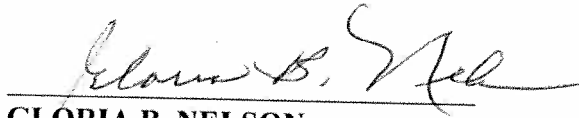
Certified by:

Attested by:

¹ Minor categories for labor include regular pay, overtime, premium pay, and benefits, etc. Minor categories for non-labor projects include contracts, operating supplies, office supplies, insurance, business units, FERC accounts, etc. Minor categories for Capital Improvement projects are FERC accounts.



SIMON A. SANCHEZ, II
Chairperson
Consolidated Commission on Utilities



GLORIA B. NELSON
Secretary
Consolidated Commission on Utilities

SECRETARY'S CERTIFICATE

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 a resolution duly adopted at a regular meeting by the members of Guam Consolidated Commission on Utilities, duly and legally held at a place properly noticed and advertised at which meeting a quorum was present and the members who were present voted as follows:

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

AYES: 5

NOES: 0

ABSENT: 0

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 10th day of August 2010.





GLORIA B. NELSON
Secretary
Consolidated Commission on Utilities

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Guam Power Authority FY 11 Revenue Requirement (\$000) CCU Approved Budget 8-10-10		Amount
1 Proforma Income Statement		
2	Base Revenues	156,495
3	Fuel Revenues	245,227
4	WCF Surcharge	\$ 4,469
5	Miscellaneous Revenues	1,304
6	Revenue from Allowed Rate Change	<u>-</u>
7		
8	Total Revenues	<u>\$ 407,495</u>
9		
10	Production Fuel	\$ 245,227
11	IPP Costs	19,897
12	Production Non-fuel	27,274
13	Transmission and Distribution	13,043
14	Administrative and General	31,623
15	Customer Accounting	4,841
16	Total O&M Expenses	<u>76,781</u>
17	Depreciation	25,599
18		
19	Total Operating Expenses	<u>\$ 367,503</u>
20		
21	Earnings From Operations	39,992
22		
23	Other Revenues (Expenses):	
24	Investment Income	3,417
25	Interest expense (1993/1999 Revenue Bonds)	\$ (19,279)
26	Interest expense (2010 Sub Lien Taxable Bond)	(3,258)
27	Interest expense (IPP's)	(14,021)
28	AFUDC	\$ 1,223
29	Amortization of Issuance Costs	\$ (2,071)
30		
31	Net Earnings	<u>\$ 6,003</u>
32		
33	Debt Service Coverage Calculation	
34	Earnings From Operations	\$ 39,992
35	Add Interest Income	\$ 1,827
36	Add: Depreciation	25,599
37	Balance Available for Debt Service	<u>\$ 67,417</u>
38	Debt Service	
39	Bond Interest Expense	22,537
40	Bond Principal	12,640
41	Total Debt Service	<u>35,177</u>
42		
43	Debt Service Coverage (Bond Method)	1.92
44	Debt Service Coverage (S&P Method)	1.26
45	Debt Service Coverage (GPA Method)	1.16
46		
47	Internal Cashflow Statement	
48	Total Cash Generated	\$ 32,450
49	CIP's-Internally Funded	(9,701)
50	Principal Payment (1993 & 1999 Series)	(8,205)
51	Principal Payment (2010 Sub Lien Taxable Bond)	(4,435)
52	Principal Payment (IPP's)	(9,064)
53	Decrease (Increase) in WC Requirements:	
54	Note Payment from DOE	2,163
55	Note Payment from GWA	1,840
56	Materials Inventory	(1,500)
57	WC Fund Funding Requirement	(1,015)
58	Surplus Fund Funding	(943)
59	Construction Fund Interest Income	(1,590)
60		
61	Cash (Deficiency)/Surplus	<u>\$ (0)</u>