

SMALL POWER UTILITIES GROUP
POWER PLANTS/POWER BARGES OPERATIONAL REPORT FOR EXISTING AREAS
As of March 25, 2017

Grid No.	Plant No.	PLANT, PROVINCE (Operating Hours) Time of Operation (Distribution Utility)	GENSETS PARTICULARS				ACCUMULATED RUNNING HOURS	SYSTEM DEMAND			GROSS RESERVE (DEFICIENCY)	MAXIMUM SYSTEM DEMAND (2017)	COMM'NG DATE	STATUS	REMARKS		
			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)							
I. SPUG - LUZON :																	
A. MARINDUQUE/QUEZON/NORTH LUZON AREA:																	
Marinduque Grid																	
1	1	BOAC DPP, Marinduque (24 hours operation) (MARELCO)	1	CKD	1,224	0.600	46,674,100						13-Jun-97	Operational			
			2	CKD	1,224	0.600	36,694,800						13-Jun-97	Operational			
			3	CKD	1,224	0.600	42,805,600						13-Jun-97	Operational			
			Sub-total (owned)		3,672	1.800											
			MONARK EQUIPMENT CORP. (RENTAL)														
		5	MONARK-RENTAL	5,715	4.000	30,296,190							1-Dec-16	Operational	Contracted Capacity: 4 MW Contract Period: 15 Sep 2016 to 14 Sep 2017		
	Sub-total (rental)		5,715	4.000													
	Total		9,387	5.800													
	2	2	TORRIJOS DPP, Marinduque back-up (MARELCO)	2	PERKINS	0.500	0.460	2,853,300						9-Mar-07	Operational		
				Sub-total		0.500	0.460										
3	3	POWER BARGE 120, Marinduque (24 hours operation) (MARELCO)	1	DAIHATSU	1.800	1.100	89,040,610						15-Jun-95	Operational			
			2	DAIHATSU	1.800	1.350	60,111,210						15-Jun-95	Operational			
			3	DAIHATSU	1.800	0.000	92,832,410						15-Jun-95	Non-operational	Non-operational since 17 Feb 2017 due to defective/damaged camshaft; tentative date of restoration is on 03 May 2017		
			4	DAIHATSU	1.800	1.300	91,991,010						15-Jun-95	Operational			
			Sub-total		7,200	3.750											
Total Marinduque Grid :		17,087	10.010			8,150	3,700	5,104	1.860	8,150							
2	4	MANIWAYA DPP, Marinduque (8 hours operation) 3:00PM-11:00PM (MARELCO)	1	PERKINS	0.054	0.050	16,245,930						1-Nov-08	Operational			
			2	PERKINS	0.050	0.048	14,737,150						5-Jun-09	Operational			
			Total :		0.104	0.098			0.0480	0.0146	0.0355	0.0500	0.0480				
3	5	MONGPONG DPP, Marinduque (8 hours operation) 3:00PM-11:00PM (MARELCO)	1	PERKINS	0.054	0.050	22,795,910						1-Nov-08	Operational			
			2	PERKINS	0.050	0.048	8,628,250						26-Jun-09	Operational			
			Total :		0.104	0.098			0.0388	0.0104	0.0248	0.0592	0.0401				
4	6	POLO DPP, Marinduque (8 hours operation) 3:00PM-11:00PM (MARELCO)	1	PERKINS	0.042	0.040	5,400,180						1-Nov-08	Operational			
			2	PERKINS	0.050	0.048	14,451,350						25-Jun-09	Operational			
			Total :		0.092	0.088			0.0279	0.0044	0.0158	0.0601	0.0279				

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)								
5	7	POLILLO DPP, Quezon (24 hours operation) (QUEZELCO II)	1	MAN-DIESEL	0.500	0.450	34,395.350						20-Jan-10	Operational				
			2	MAN-DIESEL	0.500	0.450	34,069.800						19-Nov-09	Operational				
			4	CUMMINS	0.672	0.600	44.000						4-Feb-17	Under test & commissioning	For commercial operation; tested & commissioned; awaiting completion of items on the punch list			
			5	CUMMINS	0.672	0.600	44.000						4-Feb-17	Under test & commissioning	For commercial operation; tested & commissioned; awaiting completion of items on the punch list			
			6	DALE-PERKINS-6	0.560	0.000	36,674.200						1-Jan-90	Non-operational	Non-operational since 27 May 2016 due to damaged crankshaft; PR of the spare parts needed for restoration is currently under procurement process; will be restored upon acquisition of the replacement part (PR no. S1-POL16-013 status: PPMP adjustment for approval)			
			7	DALE-PERKINS	0.260	0.250	25,829.640						21-Nov-96	Operational				
			8	FG-WILSON	0.315	0.300	2,243.410						14-Apr-16	Operational				
			10	CUMMINS	0.672	0.600	49.000						1-Feb-17	Under test & commissioning	For commercial operation; tested & commissioned; awaiting completion of items on the punch list			
			11	CUMMINS	0.672	0.600	46.000						1-Feb-17	Under test & commissioning	For commercial operation; tested & commissioned; awaiting completion of items on the punch list			
			Sub-total (owned) :			4.823	3.850											
			12	CAT-RENTAL	0.600	0.600	7,321.000							1-Aug-16	Operational	Contracted Capacity: 0.6 MW		
			13	CAT-RENTAL	0.600	0.600	9,600.000							1-Aug-16	Operational	Contract Period: 29 Apr 2016 to 28 Apr 2017		
			14	CAT-RENTAL	0.600	0.600	4,844.000							1-Aug-16	Operational	Note : new contract still on process (ongoing bidding)		
			Sub-total (rental) :			1.800	1.800											
Total :			6.623	5.650		1.382	0.267	0.776	4.268	1.382								
6	8	JOMALIG DPP, Quezon (16 hours operation) 01:00PM-05:00AM (QUEZELCO II)	1	DALE-PERKINS	0.163	0.150	22,818.400						1-Dec-97	Operational				
			2	PERKINS	0.260	0.240	65,701.450						1-Jan-00	Operational				
			3	FG-WILSON	0.193	0.160	9,658.000						26-Oct-16	Operational				
			Total :			0.616	0.550		0.150	0.055	0.083	0.400	0.150					
7	9	PATNANUNGAN DPP, Quezon (16 hours operation) 01:00PM-05:00AM (QUEZELCO II)	1	DALE-PERKINS	0.163	0.150	33,987.090						27-Nov-97	Operational				
			2	DALE-PERKINS	0.260	0.200	3,223.900						19-Jan-93	Operational				
			3	FG-WILSON	0.193	0.160	1,358.200						26-Aug-16	Operational				
			Total :			0.616	0.510		0.192	0.065	0.116	0.318	0.195					
8	10	BASCO DPP, Batanes (24 hours operation) (BATANELCO) MONARK EQUIPMENT CORP. (RENTAL)	1	STAMFORD-PERKINS	0.500	0.400	23,387.840						7-Aug-04	Operational				
			8	MAN B&W	0.500	0.400	55,478.130						2-Apr-03	Operational				
			9	CUMMINS	0.724	0.600	39.590						10-Feb-17	Operational				
			10	CUMMINS	0.724	0.600	39.200						10-Feb-17	Operational				
			11	CUMMINS	0.724	0.600	0.000						10-Feb-17	Operational				
			12	CUMMINS	0.672	0.600	39.930						10-Feb-17	Operational				
			Sub-total (owned) :			3.844	3.200											
			13	MONARK-RENTAL	1.445	1.100	23,723.000							21-Jun-14	Operational	Contracted Capacity: 1.1 MW		
			Sub-total (rental) :			1.445	1.100											
			Total :			5.289	4.300											
			11	11	WIND TURBINE, Batanes On Standby	1	Vergnet	0.060	0.000	6,824.000						7-Aug-04	Non-operational	Not operational since 26 June 2006 due to corrupted
						2	Vergnet	0.060	0.000	4,885.000						7-Aug-04	Non-operational	main Programmable Logic Controller (PLC); damaged
						3	Vergnet	0.060	0.000	5,568.000						7-Aug-04	Non-operational	propeller since 13 Sept 2016 due to typhoon "Ferdie";
Sub-total :						0.180	0.000									parts for replacement and no target date of restoration		
Total Grid :			5.469	4.300		1.003	0.366	0.651	3.297	1.015								

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
9	12	SABTANG DPP, Batanes (24 hours operation) (BATANELCO)	1	DALE-PERKINS	0.163	0.150	66,797.780						15-Jan-93	Operational	
			2	DALE-PERKINS	0.163	0.000	23,998.180						15-Jan-93	Non-operational	Non-operational since 08 July 2016 due to PMS, repainting of genset and its radiator is for replacement; PR still on process; alternate solution is immediate repair of old radiator from Basco DPP - target date of restoration is on the 2nd week of May 2017
			3	FG-WILSON	0.193	0.160	1,323.400						7-Sep-16	Operational	
			4	PERKINS	0.110	0.088	182.330						1-Feb-17	Operational	
			5	PERKINS	0.110	0.088	136.080						1-Feb-17	Operational	
			Total :			0.739	0.486		0.133	0.041	0.063	0.353	0.133		
10	13	ITBAYAT DPP, Batanes (24 hours operation) (BATANELCO)	1	DALE-PERKINS	0.163	0.150	49,596.200						1-Dec-96	Operational	
			2	DALE-PERKINS	0.163	0.150	41,931.240						1-Dec-96	Operational	
			3	FG-WILSON	0.193	0.160	1,003.500						9-Sep-16	Operational	
			4	PERKINS	0.110	0.100	104.400						20-Feb-17	Operational	
			5	PERKINS	0.110	0.100	332.850						20-Feb-17	Operational	
			Total :			0.739	0.660		0.123	0.040	0.068	0.537	0.124		
11	14	CALAYAN DPP, Cagayan (12 hours operation) 12:00NN-12:00MN (LGU-CALAYAN)	2	DALE-PERKINS	0.163	0.150	38,387.370						22-Aug-92	Operational	
			3	FGWILSON	0.100	0.090	10,999.450						3-Mar-08	Operational	
			4	FG-WILSON	0.315	0.300	858.810						28-Sep-16	Operational	
			Total :			0.578	0.540		0.152	0.060	0.090	0.388	0.152		
12	15	KABUGAO DPP, Apayao (24 hours operation) (KAELCO)	1	DALE-PERKINS	0.260	0.250	62,609.410						8-Mar-93	Operational	
			2	DALE-PERKINS	0.163	0.150	63,304.280						27-Oct-93	Operational	
			3	CKD	0.220	0.200	45,706.150						28-Sep-96	Non-operational	Non-operational on 31 Dec 2016; unit for decommissioning; NOTE: for MOR correction
			4	CUMMINS	0.336	0.300	18.260						13-Jan-17	Operational	
Total :			0.979	0.900		0.175	0.038	0.091	0.725	0.175					
13	16	PALANAN DPP, Isabela (12 hours operation) 12:00NN-12:00MN (ISELCO II)	1	DALE-PERKINS	0.163	0.150	28,624.770						1-Aug-95	Operational	
			2	DALE-PERKINS	0.260	0.250	27,109.450						1-Aug-95	Operational	
			3	FG WILSON	0.100	0.090	2,603.500						14-Apr-09	Operational	On standby; no operation due to damaged distribution line of ISELCO II caused by typhoon "LAWIN"
Total :			0.523	0.490		0.116	0.020	0.059	0.374	0.116					
14	17	CASIGURAN DPP, Aurora (24 hours operation) (AURELCO)	1	SIEMAN	0.500	0.430	46,802.700						12-Jul-04	Operational	
			2	SIEMAN	0.500	0.450	55,750.160						12-Jul-04	Operational	
			4	DALE-PERKINS	0.260	0.180	50,540.990						6-Dec-13	Operational	
			5	DALE-PERKINS	0.675	0.450	15,116.700						2-Aug-92	Operational	
			6	CUMMINS	0.724	0.600	3,711.910						8-May-16	Operational	
			7	CUMMINS	0.672	0.600	41.000						17-Feb-17	Under test & commissioning	For commercial operation; tested & commissioned; awaiting completion of items on the punch list
			Total :			3.331	2.710		0.932	0.280	0.498	1.778	0.932		
		Eco Market Solutions, Inc. (EMS)	1	Biomass	0.250	0.000						2013	Non-operational	EMS did not resume their operation after being damaged by typhoon on 12 Aug 2013	

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
B. CATANDUANES/CAMSUR/MASBATE/ALBAY AREA:															
Catanduanes Grid															
18	BALONGBONG HEPP, Catanduanes (24 hours operation) (FICELCO)		1	SFW 900-10/1430	0.900	0.900	3,549,750					1-Jun-83	Operational		
			2	SFW 900-10/1430	0.900	0.900	137,789,940					1-Jun-83	Operational		
			Sub-total		1.800	1.800									
19	MARINAWA DPP, Catanduanes (24 hours operation) (FICELCO)		1	DALE-PERKINS	0.560	0.450	52,250,000					30-Jul-99	Operational		
			2	DALE-PERKINS	0.560	0.450	3,181,000					26-Feb-01	Operational	on standby genset Note: for MOR correction (dep cap)	
			3	DALE-PERKINS	0.560	0.450	48,388,000					7-May-14	Operational		
			4	DALE-PERKINS	0.560	0.450	45,614,000					31-May-14	Operational		
			5	CUMMINS	1.114	1.000	95,000					11-Aug-16	Operational		
			6	CUMMINS	1.114	1.000	1,532,000					11-Aug-16	Operational		
15			#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	11-Aug-16	Non-operational	#N/A		
Sub-total		4.468	3.800												
20	VIGA DPP, Catanduanes (24 hours operation) (FICELCO)		1	DALE-PERKINS	0.560	0.410	29,835,260					2-May-03	Operational		
			2	CUMMINS	0.500	0.350	1,859,810					31-Aug-12	Operational		
			3	CUMMINS	0.500	0.350	2,245,630					31-Aug-12	Operational		
			4	DALE-PERKINS	0.560	0.420	32,455,060					3-May-03	Operational		
			Sub-total		2.120	1.530									
Total Catanduanes (NPC) Grid :		8.388	7.130												
NPP	Sun West Water & Electric Co. (Hitoma 1)		Hydro	1.500	1.150						2010	Operational			
NPP	Sun West Water & Electric Co. (Solong)		Hydro	2.100	2.000						2010	Operational	- No data from NPP		
NPP	Sun West Water & Electric Co. (Solong)		Diesel	5.200	3.200						2010	Operational			
NPP	Catanduanes Power Generation (CPG)		Bunker	3.600	3.000						2011	Operational			
Total Catanduanes Grid :		20.788	16.480				8.444	4.305	*	8.036	8.444				
21	PALUMBANES DPP, Catanduanes (8 hours operation) 4:00PM-12:00MN (FICELCO)		1	CUMMINS	0.022	0.019	5,331,900					1-Feb-15	Operational		
Total :		0.022	0.019				0.0193	0.006	0.014	0.0000	0.019				
22	RAPU-RAPU DPP, Albay (16 hours operation) 08:00AM-12:00MN (APEC)		1	DALE-PERKINS	0.163	0.140	40,067,260					1-Jan-05	Operational		
			2	DALE-PERKINS	0.163	0.140	41,421,140					7-Nov-96	Operational		
			3	PERKINS	0.300	0.243	216,100					19-Jan-17	Operational		
			4	PERKINS	0.300	0.243	197,500					19-Jan-17	Operational		
			5	MAN-DIESEL	0.500	0.450	19,683,030					24-Oct-07	Operational		
			6	FG-WILSON	0.193	0.160	179,200					1-Nov-15	Operational		
Total :		1.619	1.376				0.330	0.118	0.214	1.046	0.360				
23	BATAN DPP, Albay (8 hours operation) 4:00PM-12:00MN (APEC)		1	DALE-PERKINS	0.163	0.130	40,919,000					1-Aug-91	Operational		
			2	PERKINS	0.300	0.240	64,000					20-Jan-17	Operational		
			3	DALE-PERKINS	0.163	0.130	21,344,000					7-Nov-96	Operational		
			4	PERKINS	0.193	0.160	1,830,000					9-May-16	Operational		
Total :		0.819	0.660				0.310	0.087	0.194	0.350	0.310				
Masbate (Mainland) Grid															
NPP	DMCI Power Corporation		1	Bunker	24.400	21.200					2010	Operational			
Total Grid :		24.400	21.200												

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
Other Islands in Masbate															
24	TICAO DPP, Masbate	(24 hours operation) (TISELCO)	1 5	FG-WILSON MAN	0.315 0.500	0.300 0.400	965.860 24,744.040					14-Dec-15 25-Jan-02	Operational Operational		
			Sub-total (owned)		0.815	0.700									
19	MONARK EQUIPMENT CORP. (RENTAL)		7	MONARK-(RENTAL)	1.600	1.600	34,691.250					26-Sep-12	Operational	Contracted Capacity: 1 MW Contract Period: 25 Aug 2016 to 24 Aug 2017 Contracted Capacity: 0.6 MW Contract Period: 26 Apr 2016 to 25 Apr 2017 Note: no renewal/extension of 0.6 MW contract	
			Sub-total (rental)		1.600	1.600									
			Total :		2.415	2.300		1.746	0.618	0.906	0.554	1.746			
25	SAN PASCUAL DPP, Masbate	(16 hours operation) 8:00AM-12:00MN (LGU San Pascual)	1 2 3 4	DALE-PERKINS DALE-PERKINS VOLVO PERKINS	0.260 0.163 0.560 0.315	0.260 0.130 0.440 0.300	53,356.000 46,491.000 2,144.000 2,261.000					13-Nov-94 10-May-98 21-Sep-12 3-Dec-15	Operational Operational Operational Operational		
			Total :		1.298	1.130		0.265	0.088	0.180	0.865	0.265			
26	GUINAWAYAN DPP, Masbate	(8 hours operation) 4:00PM-12:00MN (LGU - Placer)	1 2	FG-WILSON FG-WILSON	0.035 0.105	0.028 0.080	22,599.700 268.200					1-May-07 2-Aug-16	Operational Operational		
			Total :		0.140	0.108		0.0265	0.0095	0.0262	0.0815	0.0265			
27	GILOTONGAN DPP, Masbate	(8 hours operation)	1	FG WILSON	0.090	0.085	20,186.890					1-May-07	Operational		
22		(8 hours operation) 4:00PM-12:00MN (LGU - Cawayan)	2	FG-WILSON	0.105	0.000	1,387.900					2-Aug-16	Non-operational	Non-operational since 08 Jan2017 due to burnt windings (under warranty); awaiting for the supplier's technician to rectify the problem; tentative date of restoration is on the 1st week of May 2017	
			Total :		0.195	0.085		0.0850	0.0300	0.0622	0.0000	0.0880			
28	NABUCTOT DPP, Masbate	(8 hours operation) 4:00PM-12:00MN (LGU - Placer)	1	FG WILSON	0.025	0.020	20,861.950					1-May-07	Operational		
			Total :		0.025	0.020		0.0156	0.0058	0.0144	0.0044	0.0158			
29	PENA DPP, Masbate	(8 hours operation) 4:00PM-12:00MN (LGU - Cawayan)	1	FG WILSON	0.090	0.072	21,075.950					1-May-07	Operational		
			Total :		0.090	0.072		0.0360	0.0120	0.0267	0.0360	0.0360			
30	CHICO DPP, Masbate	(8 hours operation) 4:00PM-12:00MN (LGU - Cawayan)	1 2	FG WILSON FG-WILSON	0.035 0.105	0.028 0.080	19,617.150 1,895.700					1-May-07 2-Aug-16	Operational Operational		
			Total :		0.140	0.108		0.0290	0.0120	0.0195	0.0790	0.0300			
31	NARO DPP, Masbate	(8 hours operation) 4:00PM-12:00MN (LGU - Cawayan)	1 2	FG-WILSON FG-WILSON	0.105 0.105	0.080 0.080	2,122.600 727.100					3-Apr-16 3-Apr-16	Operational Operational		
			Total :		0.210	0.160		0.0320	0.0100	0.0201	0.1280	0.0340			
32	DANCALAN DPP, Masbate	(8 hours operation) 4:00PM-12:00MN (LGU San Pascual)	1 2	FG WILSON FG-WILSON	0.080 0.105	0.065 0.080	9,117.400 867.100					27-May-12 1-Aug-16	Operational Operational		
			Total :		0.185	0.145		0.0240	0.0090	0.0152	0.1210	0.0280			
33	MABABANGBAYBAY DPP, Masbate	(8 hours operation) 4:00PM-12:00MN (LGU Claveria)	1	FG WILSON	0.060	0.050	9,949.800					24-Apr-12	Operational		
			Total :		0.060	0.050		0.0160	0.0050	0.0113	0.0340	0.0160			

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
29	34	MALAKING ILOG DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU San Pascual)	1	FG WILSON	0.060	0.050	12,114.100					9-Apr-12	Operational		
				Total:	0.060	0.050		0.0220	0.0070	0.0145	0.0280	0.0220			
30	35	OSMENIA DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU Claveria)	1	FG WILSON	0.080	0.065	9,812.200					10-Jul-12	Operational		
			2	FG-WILSON	0.105	0.080	1,300.300					1-Aug-16	Operational		
				Total:	0.185	0.145		0.0360	0.0150	0.0225	0.1090	0.0360			
31	36	PENAFRANCIA DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU Claveria)	1	FG WILSON	0.080	0.065	9,607.700					10-Jun-12	Operational		
			2	FG-WILSON	0.105	0.080	959.200					1-Aug-16	Operational		
				Total:	0.185	0.145		0.0210	0.0090	0.0136	0.1240	0.0210			
32	37	QUEZON DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU-Claveria)	1	FG WILSON	0.060	0.050	10,369.100					7-Jun-12	Operational		
				Total:	0.060	0.050		0.0190	0.0050	0.0112	0.0310	0.0190			
33	38	LAHUY DPP, Camarines Sur (4 hours operation) 6:00PM-10:00PM (CASURECO IV)	1	CUMMINS	0.120	0.096	9,518.000					6-Apr-09	Operational		
				Total:	0.120	0.096		0.0450	0.0080	0.0289	0.0510	0.0450			
34	39	HAPONAN DPP, Camarines Sur (4 hours operation) 6:00PM-10:00PM (CASURECO IV)	1	CUMMINS	0.035	0.028	6,821.000					29-Jul-09	Operational	Plant on standby; CASURECO IV requested to stop its operation due to low collection efficiency	
				Total:	0.035	0.028		0.0000	0.0000	0.0000	0.0280	0.0000			
35	40	QUINALASAG DPP, Camarines Sur (8 hours operation) 4:00PM-12:00MN (CASURECO IV)	1	CUMMINS	0.150	0.120	12,310.000					14-Dec-09	Operational		
				Total:	0.150	0.120		0.0760	0.0110	0.0589	0.0440	0.0760			
36	41	ATULAYAN DPP, Camarines Sur (6 hours operation) 5:00PM-11:00PM (CASURECO IV)	1	CUMMINS	0.022	0.018	5,435.300					1-Jun-14	Operational		
				Total:	0.022	0.018		0.0065	0.0011	0.0041	0.0115	0.0065			
C. MINDORO/ROMBLON AREA:															
Oriental Mindoro Grid															
37	NPP	Power One Corporation	1	Bunker	15.300	11.420						2012	Operational		
	NPP	Ormin Power, Inc.	1	Bunker	9.600	6.400						2011	Operational		
	NPP	Linao Mini Hydro (Lower Cascade)	1	Hydro	2.180	2.100						2012	Operational		
	NPP	Linao Mini Hydro (Upper Cascade)	1	Hydro	3.000	3.000						2012	Operational	No data from NPP	
	NPP	Mindoro Grid Corporation (Catapan)	1	Diesel	6.600	5.000						2013	Operational		
	NPP	Mindoro Grid Corporation (Bongabong)	1	Diesel	6.600	5.000						2013	Operational		
	NPP	DMCI Power Corporation	1	Bunker	15.000	15.000						2015	Operational		
			Total Or. Mindoro Grid:			58.280	47.920								

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)							
Occidental Mindoro (San Jose) Grid																	
38	42	PULANG LUPA DPP, Occidental Mindoro (24 hours operation) (OMECCO) MONARK EQUIPMENT CORP. & AGGREKO INTERNATIONAL PROJECTS LMTD. (RENTAL)	1	MONARK-RENTAL	6.200	6.000	30,063.660						1-Oct-13	Operational	Contracted Capacity: 6 MW		
			2	MONARK-RENTAL	4.200	4.000	19,461.410							4-Dec-13	Operational	Contract Period: 25 Dec 2016 to 24 Dec 2017 Contracted Capacity: 2.5 MW	
			3	MONARK-RENTAL	2.600	2.500	11,665.490							17-Jun-15	Operational	Contract Period: 27 Apr 2016 to 25 Apr 2017 Contracted Capacity: 2.5 MW	
			4	MONARK-RENTAL	2.600	2.500	5,970.120							4-May-16	Operational	Contract Period: 04 May 2016 to 03 May 2017 Contracted Capacity: 4 MW (San Jose S/S) Contract Period: 19 Apr 2016 to 18 Apr 2017	
			Sub-total		15.600	15.000											Note: Contract termination upon commercial operation of OMCPC (NPP)
43	POWER BARGE 106, Occidental Mindoro (24 hours operation) (OMECCO)	2	DAIHATSU	3.600	2.000	82,401.120							1-Sep-92	Operational			
		3	DAIHATSU	3.600	2.000	63,473.500							1-Sep-92	Operational			
		#N/A	#N/A	#N/A	#N/A	#N/A							1-Sep-92	#N/A	#N/A		
		Sub-total		7.200	4.000												
Total Occ. Min. (San Jose) Grid :				22.800	19.000		14.930	7.500	8.479	4.070	15.000						
Occidental Mindoro (MAPSA) Grid																	
39	44	MAMBURAO DPP, Occidental Mindoro (24 hours operation) (OMECCO) MONARK EQUIPMENT CORP. (RENTAL)	1	MONARK-RENTAL	5.400	4.500	8,596.440						1-Sep-16	Operational	Contracted Capacity: 4.5 MW		
			2	MONARK-RENTAL	0.544	0.500	1,296.000							1-Sep-16	Operational	Contract Period: 25 Mar 2016 to 24 Sep 2017 (extended) Contracted Capacity: 0.5 MW	
			Total Occ. Min. (MAPSA) Grid :		5.944	5.000		4.600	2.400	3.076	0.400	4.600				Contract Period: 22 Aug 2016 to 21 Aug 2017	
40	45	LUBANG DPP, Occidental Mindoro (24 hours operation) (LUBELCO) MONARK EQUIPMENT CORP. (RENTAL)	1	CXZ-MAN	0.500	0.400	32,852.980							25-Mar-08	Operational		
			2	CXZ-MAN	0.500	0.400	35,755.170							25-Mar-08	Operational		
			3	CUMMINS	0.704	0.000	27,206.810							8-Jun-09	Non-operational	Non-operational since 03 May 2016 due to ongoing PMS (major overhauling); awaiting for the spare parts needed for PMS; target restoration is on June 2017	
			5	CUMMINS	0.724	0.000	3,167.000							14-Feb-16	Non-operational	Non-operational since 31 Aug 2016 due to burnt maint circuit breaker and damaged electrical parts (under warranty); target restoration is on July 2017	
			Sub-total (owned)		2.428	0.800											
			6	MONARK-RENTAL	1.179	1.000	3,705.020								25-Sep-16	Operational	Contracted Capacity: 1 MW Contract Period: 17 Oct 2016 to 16 Apr 2017
			Sub-total (rental)		1.179	1.000											
Total :				3.607	1.800		0.826	0.215	0.450	0.974	0.826						
41	46	CABRA DPP, Occidental Mindoro (8 hours operation) 4:00AM-6:00AM/5:00PM-11:00PM (LUBELCO)	1	CUMMINS	0.060	0.055	8,031.360						1-Dec-12	Operational			
			2	CUMMINS	0.060	0.055	2,112.540							1-Dec-12	Operational		
			3	PERKINS	0.060	0.040	707.300							1-Jan-10	Operational		
			Total :		0.180	0.150		0.0433	0.0141	0.0268	0.1067	0.043					
42	47	TINGLOY DPP, Batangas (12 hours operation) 12:00NN-12:00MN (BATELEC II)	2	DALE-PERKINS	0.260	0.150	27,250.720						24-Dec-94	Operational	Non-operational since 29 Jan 2017 due to defective servo motor; restored on 06 Apr 2017		
			3	DALE-PERKINS	0.260	0.150	41,587.150							24-Dec-94	Operational		
			4	MAN CXZ	0.500	0.375	29,899.830							24-Aug-09	Operational		
			Total :		1.020	0.675		0.450	0.250	0.333	0.225	0.450					

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)								
48	48	ROMBLON DPP, Romblon (24 hours operation) (ROMELCO)	Romblon (Mainland) Grid															
			1	TIDE-POWER	0.600	0.400	17,679.750							8-Oct-08	Operational			
			2	FG-WILSON	0.600	0.400	31,395.290							10-Dec-08	Operational			
			3	FG-WILSON	0.600	0.400	19,697.230							29-Nov-08	Operational			
			4	FG-WILSON	0.600	0.400	14,294.680							25-Apr-07	Operational			
			5	CUMMINS	0.670	0.600	27.270							20-Jan-17	Under test & commissioning	For commercial operation; tested & commissioned; awaiting completion of items on the punch list		
			Sub-total (owned)			3.070	2.200											
			MONARK EQUIPMENT CORP. (RENTAL)															
			5	CAT-RENTAL	0.500	0.400	8,589.000								6-Jan-16	Operational	Contracted Capacity: 0.6 MW	
			6	CAT-RENTAL	0.500	0.400	8,027.000								6-Jan-16	Operational	Contract Period: 05 Jan 2016 to 04 July 2017	
7	CAT-RENTAL	0.500	0.400	15,634.000								6-Jan-16	Operational					
Sub-total (rental)			1.500	1.200														
Total :			4.570	3.400														
49	49	POWER BARGE 114, Romblon (24 hours operation) (ROMELCO)	2	FG-WILSON	0.650	0.400	29,981.400							1-Jun-09	Operational			
			4	FG-WILSON	0.650	0.400	34,312.500							3-May-10	Operational			
			Total :			1.300	0.800											
			Total Romblon (Mainland) Grid :			5.870	4.200		1.760	0.686	1.085	2.440	1.760					
44	44	POWER BARGE 109, Romblon (on standby)	Romblon (Tablas Island) Grid															
			1	PERKINS	0.600	0.450	9,113.300								3-Dec-13	Operational		
			3	FG-WILSON	0.600	0.450	19,375.400								22-Sep-08	Operational		
Total :			1.200	0.900														
NPP	NPP	Sun West Water & Electric Co. (SUWECO)	1	Diesel	8.800	7.700								2015	Operational			
			Total Tablas Is. Grid :			10.000	8.600											
45	45	SIBUYAN DPP, Romblon (24 hours operation) (ROMELCO)	1	DALE-PERKINS	0.260	0.000	67,364.400								28-Mar-92	Non-operational	Non-operational since 26 May 2016 due to heavy smoke produced at breather pipe; for overhauling but no available spare parts; no tentative date of restoration; unit for decommissioning	
			2	DALE-PERKINS	0.260	0.000	43,452.010								16-Jun-92	Non-operational	Non-operational since 06 Jan 2015; for generator rotor machining at MRMD; no date of restoration; unit for decommissioning	
			4	DALE-PERKINS	0.163	0.130	59,734.910								2-May-97	Operational		
			6	Caterpillar	0.600	0.400	778.600								16-Feb-05	Operational		
			7	MAN	0.500	0.450	25,256.780								30-Dec-07	Operational		
			8	MAN	0.500	0.400	34,068.780								31-Dec-07	Operational		
			Sub-total			2.283	1.380											
			Total Grid :			3.183	2.280		1.517	0.745	*	0.763	1.756					* - No data from NPP
46	46	BANTON DPP, Romblon (16 hours operation) 4:00AM-11:00AM/2:00PM-11:00PM (ROMELCO)	1	DALE-PERKINS	0.163	0.145	33,162.380								7-Apr-99	Operational		
			2	DALE-PERKINS	0.163	0.145	31,182.290								16-Apr-96	Operational		
			3	FG-WILSON	0.193	0.160	2,273.830								1-Jul-16	Operational		
			Total :			0.519	0.450		0.141	0.031	0.081	0.309	0.141					
47	47	SAN JOSE DPP, Romblon (16 hours operation) 2:00PM-6:00AM (TIELCO)	1	DALE-PERKINS	0.163	0.120	14,937.430								1-Dec-04	Operational		
			2	DALE-PERKINS	0.163	0.140	47,654.590								1-May-97	Operational		
			3	CATERPILLAR(228kW)	0.228	0.120	23,101.100								1-Jul-07	Non-operational	Non-operational since 01 Aug 2016 due to damaged stator for rewinding; unit for decommissioning Note: error data (dep cap) entry in MOR which is subject for correction/revision	
			4	FG-WILSON	0.315	0.300	3,401.030								8-Jun-16	Operational		
Total :			0.869	0.680		0.350	0.147	0.203	0.330	0.350								

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)									
48	54	CORCUERA DPP, Romblon (16 hours operation) 4:30AM-6:30AM/8:00AM-3:00PM/5:00PM-12:00MN (LGU Corcuera)	2	DALE-PERKINS	0.163	0.140	23,000.000						30-Jan-97	Operational					
			3	IMAN	0.500	0.400	25,405.310						20-Apr-07	Operational					
			4	EG-WILSON	0.315	0.300	1,451.570						25-Jun-16	Operational					
			5	CUMMINS	0.336	0.300	228.100						25-Jan-17	Operational					
			Total :			1.314	1.140		0.300	0.151	0.195	0.840	0.320						
49	55	CONCEPCION DPP, Romblon (8 hours operation) 4:30AM-7:00AM/5:00PM-10:30PM (LGU Concepcion)	1	DALE-PERKINS	0.163	0.145	33,936.000						11-Mar-97	Operational					
			2	DALE-PERKINS	0.163	0.145	34,147.800						1-Jan-01	Operational					
			3	CUMMINS	0.336	0.300	381.390						24-Jan-17	Operational					
			Total :			0.662	0.590		0.145	0.070	0.097	0.445	0.175						
D. PALAWAN AREA :																			
Palawan (Mainland) Grid																			
NPP		Palawan Power Generation, Inc. (Puerto Princesa)	1	Bunker	14.000	7.270							2008 & 2010	Operational					
NPP		Palawan Power Generation, Inc. (Narra)	1	Bunker	5.000	4.500							2008 & 2010	Operational					
NPP		DMCI Power Corporation		Diesel	31.450	20.880							2013	Operational	No data from NPP				
NPP		Delta P	1	Bunker	16.000	13.500							2009	Operational					
Total Palawan (Mainland) Grid :			66.450	46.150															
50	56	EL NIDO DPP, Palawan (24 hours operation) (PALECO) MONARK EQUIPMENT CORP. (RENTAL)	3	IMAN	0.500	0.350	29,725.190							14-Apr-09	Operational				
			4	TIDE POWER	0.675	0.000	0.000							10-Sep-09	Non-operational	Non-operational since 16 Feb 2017 due to mechanical breakdown (melting of o-ring of water jacket that allows water to enter into the cylinder); PR on process; target date of restoration on July 2017			
			Sub-total (owned)			1.175	0.350												
			8	CAT-RENTAL	0.500	0.350	1,830.000								1-Apr-14	Operational	Contracted Capacity: 1.5 MW		
			9	CAT-RENTAL	0.544	0.500	1,344.000								1-Apr-16	Operational	Contract Period: 19 Apr 2016 to 18 Apr 2017		
			10	CAT-RENTAL	1.000	0.850	1,930.000								4-May-15	Operational	Note: new contract is still ongoing bidding process		
			11	CAT-RENTAL	1.000	0.900	9,203.000								4-May-15	Operational	Contracted Capacity: 0.5 MW		
			12	CAT-RENTAL	0.544	0.500	1,164.000								17-Aug-16	Operational	Contract Period: 17 Aug 2016 to 16 Aug 2017		
			Sub-total (rental)			3.588	3.100												
			Total :			4.763	3.450		2.440	1.650	1.769	1.010	2.637						
			51	57	TAYTAY DPP, Palawan (24 hours operation) (PALECO) MONARK EQUIPMENT CORP. (RENTAL)	2	DALE-PERKINS	0.260	0.180	41,022.000							20-May-92	Operational	
						3	IMAN CXZ	0.500	0.400	33,685.000							4-Jun-09	Operational	
Sub-total (owned)						0.760	0.580												
5	MONARK-RENTAL	0.455				0.300	10,416.000								2-Oct-14	Operational	Contracted Capacity: 1 MW		
6	MONARK-RENTAL	1.000				0.950	9,402.000								6-Aug-16	Operational	Contract Period: 14 Apr 2016 to 13 Apr 2017		
8	MONARK-RENTAL	1.000				0.950	1,011.000								6-Aug-16	Operational	Note: new contract is still ongoing bidding process		
Sub-total:			2.455	2.200		0.915	0.440	0.594	1.865	0.915									
Total :			3.215	2.780															
52	58	SAN VICENTE DPP, Palawan (24 hours operation) (PALECO)	1	DALE-PERKINS(PAL)	0.163	0.120	36,992.500							19-Jan-95	Operational				
			3	DALE-PERKINS(PAL)	0.260	0.220	77,537.390							22-Apr-02	Operational				
			4	IMAN CXZ	0.500	0.400	47,741.340							14-Nov-08	Operational				
			5	CUMMINS	0.672	0.600	46.000								7-Mar-17	Operational			
			6	CUMMINS	0.672	0.600	39.000								7-Mar-17	Operational			
			7	CUMMINS	0.672	0.600	33.000								9-Mar-17	Operational			
			8	CUMMINS	0.672	0.600	31.000								9-Mar-17	Operational			
			Total :			3.611	3.140		0.620	0.285	0.385	2.520	0.690						

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
53	59	RIZAL DPP, Palawan (24 hours operation) (PALECO)	1	DALE-PERKINS	0.260	0.230	49,076,550						3-Aug-93	Operational	
			2	JOHN DEERE-CUMPER	0.256	0.210	33,770,400						17-Dec-07	Operational	
			3	DALE-PERKINS	0.163	0.130	28,548,970						3-Aug-93	Operational	
			4	FG WILSON	0.315	0.265	5,577,780						29-Dec-15	Operational	
			5	PERKINS	0.305	0.240	49,100						22-Mar-17	Operational	
				Total :	1.299	1.075		0.337	0.151	0.196	0.738	0.338			
54	NPP NPP	Other Islands in Palawan Calamian Island Power Corp. (Busuanga) Calamian Island Power Corp. (Coron)	1	Diesel	8.120								2013	Operational	
			1	Diesel	0.700	7.720							2013	Operational	
				Total :	8.820	7.720									
55	QTP	Power Source Philippines, Rio Tuba	1	Diesel	1.690	0.590							2010	Operational	
				Total :	1.690	0.590									
56	60	CULION DPP, Palawan (24 hours operation) (BISELCO)	1	DALE-PERKINS	0.163	0.150	50,553,370						29-Aug-98	Operational	
			2	DALE-PERKINS	0.260	0.200	76,794,040						12-Dec-92	Operational	
			3	DALE-PERKINS	0.260	0.200	85,820,750						26-Feb-15	Operational	
			4	DALE-PERKINS	0.260	0.200	78,074,410						26-Feb-15	Operational	
			5	FG-WILSON	0.180	0.120	8,099,600						6-Jun-08	Non-operational	Non-operational since 07 Jun 2016 due to defective power transformer; awaiting for the replacement unit of power transformer from Araceli DPP; target date of restoration is on the 4th week of May 2017; NOTE: for MOR correction (dep cap)
			6	CUMMINS	0.672	0.600	1,051,000						23-Sep-16	Operational	
				Total :	1.795	1.470		0.450	0.200	0.295	1.020	0.494			
57	61	LINAPACAN DPP, Palawan (12 hours operation) (BISELCO)	2	VISA-PERKINS	0.054	0.040	20,019,530						19-Sep-02	Operational	
			3	PERKINS	0.105	0.100	14,413,130						17-Sep-11	Operational	
			4	DALE-PERKINS	0.163	0.150	37,284,220						9-Feb-92	Operational	
				Total :	0.322	0.290		0.102	0.034	0.072	0.188	0.106			
58	62	CUYO DPP, Palawan (24 hours operation) (PALECO)	1	MAN-CXZ	0.500	0.400	43,521,480						1-Apr-08	Operational	
			2	MAN-CXZ	0.500	0.400	36,472,480						1-Apr-08	Operational	
			3	MAN-CXZ	0.500	0.400	45,438,780						1-Apr-08	Operational	
			4	MAN-CXZ	0.500	0.400	46,830,210						1-Apr-08	Operational	
			7	CUMMINS	0.672	0.600	42,000						16-Mar-17	Under test & commissioning	For commercial operation; tested & commissioned; awaiting completion of items on the punch list
			8	CUMMINS	0.672	0.600	44,500						16-Mar-17	Under test & commissioning	For commercial operation; tested & commissioned; awaiting completion of items on the punch list
				Sub-total (owned)	3.344	2.800									
			5	MONARK-RENTAL	0.545	0.500	2,525,000						23-Sep-16	Operational	Contracted Capacity: 0.5 MW
			6	MONARK-RENTAL	0.545	0.500	950,000						23-Sep-16	Operational	Contract Period: 23 Sep 2016 to 22 Sep 2017
				Sub-total (rental)	1.090	1.000		1.130	0.420	0.656	2.670	1.150			
59	63	ARACELI DPP, Palawan (24 hours operation) (PALECO)	1	DALE-PERKINS	0.163	0.150	61,512,290						19-Jun-95	Operational	
			2	DALE-PERKINS	0.163	0.150	18,621,200						16-Jul-93	Operational	
			3	DALE-PERKINS	0.260	0.250	43,736,080						9-Feb-92	Operational	
			4	FG-WILSON	0.193	0.160	2,586,900						28-May-16	Operational	
				Total :	0.779	0.710		0.150	0.060	0.081	0.560	0.150			
60	64	BALABAC DPP, Palawan (16 hours operation) 2:00PM-6:00AM (PALECO)	1	DALE-PERKINS	0.163	0.150	22,723,530						1-Apr-03	Operational	
			2	DALE-PERKINS	0.163	0.150	44,816,860						5-Feb-97	Operational	
			3	FG-WILSON	0.193	0.160	1,731,600						21-Aug-16	Operational	
				Total :	0.519	0.460		0.147	0.060	0.091	0.313	0.147			

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Grid No.	Plant No.	PLANT, PROVINCE (Operating Hours) Time of Operation (Distribution Utility)	GENSETS PARTICULARS				ACCUMULATED RUNNING HOURS	SYSTEM DEMAND			GROSS RESERVE (DEFICIENCY)	MAXIMUM SYTEM DEMAND (2017)	COMM'SNG DATE	STATUS	REMARKS	
			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)						
61	65	CAGAYANCILLO DPP, Palawan (8 hours operation) (PALECO)	1	DALE-PERKINS	0.163	0.160	42,358,880						14-Aug-97	Operational		
			2	FG-WILSON	0.193	0.160	2,137,900						30-Apr-16	Operational		
			Total :		0.356	0.320		0.135	0.036	0.083	0.185	0.135				
62	66	AGUTAYA DPP, Palawan (16 hours operation) 8:00AM-12:00MN (PALECO)	1	DALE-PERKINS	0.163	0.150	5,092,790						20-Dec-10	Operational		
			2	DALE-PERKINS	0.163	0.150	30,962,120						5-Jun-98	Operational		
			3	FG-WILSON	0.193	0.160	2,933,400						8-May-16	Operational		
Total :		0.519	0.460		0.086	0.038	0.046	0.374	0.086							
II. SPUG - VISAYAS :																
A. WESTERN VISAYAS AREA:																
63	NPP	Bantayan Island Power Corporation	1	Bunker	8.340	4.890							2015	Operational		
Total :		8.340	4.890													
64	QTP	Power Source Philippines (Malapascua, Cebu)	1	Diesel	1.050	0.930							2014	Operational		
Total :		1.050	0.930													
65	67	GUINTARCAN DPP, Cebu (16 hours operation) 10:00AM-2:00AM (BANELCO)	1	KUMATSU	0.100	0.090	12,842,030						21-Sep-07	Operational		
			2	DALE-PERKINS	0.163	0.130	36,506,560						5-Mar-93	Operational		
			3	FG-WILSON	0.193	0.160	484,500						19-Jan-17	Operational		
Total :		0.456	0.380		0.116	0.048	0.068	0.264	0.130							
66	68	DOONG DPP, Cebu (8 hours operation) 4:00PM-12:00MN (BANELCO)	1	DALE-PERKINS	0.163	0.130	30,531,570						25-Apr-93	Operational		
			2	DALE-PERKINS	0.163	0.130	31,436,400						25-Apr-93	Operational		
			3	CUMMINS	0.336	0.300	26,200						21-Mar-17	Operational		
Total :		0.662	0.560		0.190	0.050	0.092	0.370	0.190							
67	69	CAMOTES DPP, Cebu (24 hours operation) (CELCO)	1	MAN B&W	0.300	0.240	0.000							7-Feb-88	Operational	
			2	MAN B&W	0.300	0.240	80,772,330							8-Feb-88	Operational	
			3	DALE-PERKINS	0.560	0.400	29,454,730							1-Nov-04	Operational	
			5	MAN CXZ	0.528	0.450	142,637,040							2-Mar-02	Operational	
			6	MAN CXZ	0.500	0.400	68,669,120							2-May-07	Operational	
			7	MAN	0.500	0.420	56,862,340							1-Dec-13	Operational	
			8	CUMMINS	0.724	0.600	3,696,960							8-May-16	Operational	
			Sub-total		3.412	2.750										
70	POWER BARGE 113, Cebu back-up (CELCO)	1	MITSUBISHI	0.750	0.500	19,822,500							7-Sep-08	Operational		
		2	MITSUBISHI	0.750	0.500	23,883,700							14-Jul-08	Operational		
		6	PERKINS	0.600	0.500	654,320							1-Dec-13	Operational		
Sub-total		2.100	1.500													
Total-Grid		5.512	4.250		2.375	1.118	1.380	1.875	2.639							
68	71	PILAR DPP, Cebu (24 hours operation) (CELCO)	1	DALE-PERKINS	0.163	0.139	0.000							3-Nov-93	Operational	
			2	DALE-PERKINS	0.163	0.139	42,999,370							3-Nov-93	Operational	
			3	DALE-PERKINS	0.250	0.200	41,492,110							13-Dec-04	Operational	
			4	PERKINS	0.315	0.300	4,801,400							4-Mar-16	Operational	
Total :		0.891	0.778		0.329	0.098	0.167	0.449	0.345							
69	NPP	Siquijor Grid Siquijor Island Power Corporation	1	Bunker	6.464	6.464								10-Feb-15	Operational	
			Total :		6.464	6.464										
72	POWER BARGE 116 (on standby)		Total :		0.000	0.000		0.000	0.000	0.000	0.000					

Note: All units are deactivated

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
70	73	GIGANTES DPP, Iloilo (8 hours operation) 3:00PM- 11:00PM (IECO III)	1	DALE-PERKINS	0.163	0.130	26,892.650						17-Apr-97	Operational	
			2	DALE-PERKINS	0.163	0.130	23,293.450						23-Aug-07	Operational	
			3	CUMMINS	0.336	0.269	1,048.380						25-Oct-16	Operational	
				Total:	0.662	0.530		0.298	0.070	0.157	0.232	0.298			
71	74	CALUYA DPP, Antique (24 hours operation) (ANTECO)	1	DALE-PERKINS	0.163	0.130	44,054.500						21-Sep-92	Operational	
			2	DALE-PERKINS	0.163	0.130	45,534.910						21-Sep-92	Operational	
			5	CUMMINS-STAMFORD	0.364	0.273	5,819.100						8-May-14	Operational	
			6	CUMMINS-FILGEN	0.320	0.240	7,184.580						30-May-15	Operational	
			7	CUMMINS-FILGEN	0.320	0.240	3,727.730						30-May-15	Operational	
				Total:	1.330	1.014		0.317	0.110	0.175	0.697	0.317			
72	75	BAGONGBANWA DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.038	0.032	34,750.000						23-Dec-99	Operational	
				Total:	0.038	0.032		0.0211	0.0059	0.0196	0.0112	0.0225			
73	76	BALICASAG DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.038	0.032	33,506.030						23-Dec-99	Operational	
			2	PERKINS	0.105	0.088	481.900						22-Jan-17	Operational	
				Total:	0.143	0.120		0.0360	0.0150	0.0242	0.0843	0.0360			
74	77	BATASAN DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.056	0.048	37,433.000						23-Dec-99	Operational	
				Total:	0.056	0.048		0.0168	0.0043	0.0117	0.0308	0.0192			
75	78	BILANGBILANGAN DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.015	0.013	30,928.000						14-Apr-16	Operational	
				Total:	0.015	0.013		0.0072	0.0013	0.0053	0.0056	0.0081			
76	79	CABUL-AN DPP DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I) Note: Increase in OH (6 to 8) on 01 Jan 2017	1	CUMMINS	0.064	0.056	5,540.100						14-Nov-13	Operational	
			2	EG-WILSON	0.105	0.088	332.800						6-Dec-16	Operational	
			3	CUMMINS	0.080	0.080	116.200						27-Jan-17	Operational	
				Total:	0.249	0.224		0.0630	0.0240	0.0241	0.1613	0.0630			
77	80	CUAMING DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.086	0.073	0.000						23-Oct-99	Operational	Note: for MOR correction (Genset OH)
				Total:	0.086	0.073		0.0440	0.0190	0.0360	0.0291	0.0450			
78	81	HAMBONGAN DPP, Bohol (8 hours operation) 3:00PM-11:00PM (BOHECO I)	1	PERKINS	0.020	0.017	30,531.700						23-Dec-99	Operational	
				Total:	0.020	0.017		0.0101	0.0027	0.0071	0.0069	0.0125			
79	82	MANTATAO DPP, Bohol (8 hours operation) 3:00PM-11:00PM (BOHECO I)	1	PERKINS	0.038	0.032	29,775.380						23-Dec-99	Operational	
				Total:	0.038	0.032		0.0140	0.0050	0.0115	0.0183	0.0160			
80	83	MOCABOC DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	CUMMINS	0.020	0.017	30,920.750						23-Dec-99	Operational	
				Total:	0.020	0.017		0.0121	0.0023	0.0071	0.0049	0.0141			
81	84	PAMILACAN DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.056	0.048	35,414.200						23-Dec-99	Operational	
				Total:	0.056	0.048		0.0320	0.0140	0.0270	0.0156	0.0340			

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
82	85	PANGAPASAN DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.038	0.032	24,641.000					23-Dec-99	Operational		
				Total:	0.038	0.032		0.0088	0.0023	0.0075	0.0235	0.0115			
83	86	UBAY DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	KUBOTA	0.012	0.010	9,486.000					23-Dec-99	Operational		
				Total:	0.012	0.010		0.0052	0.0021	0.0037	0.0050	0.0062			
		B. EASTERN VISAYAS AREA:													
84	87	MARIPIPI DPP, Biliran (16 hours operation) 9:00AM-1:00AM (MMPC)	1	DALE-PERKINS	0.163	0.139	48,066.930					26-Sep-94	Operational		
			2	DALE-PERKINS	0.163	0.139	46,938.430					26-Sep-94	Operational		
			3	CUMMINS	0.150	0.128	13,958.980					19-Oct-98	Operational		
			4	FG-WILSON	0.315	0.300	1,281.280					13-Sep-16	Operational		
				Total:	0.791	0.705		0.180	0.062	0.124	0.525	0.208			
85	88	LIMASAWA DPP, Southern Leyte (16 hours operation) 9:00AM-1:00AM (SOLECO)	1	DALE-PERKINS	0.163	0.155	40,743.320					26-Jul-95	Operational		
			2	DALE-PERKINS	0.163	0.000	0.000					24-Jul-02	Non-operational	Non-operational since 12 Nov 2016 due to damaged crankshaft; PR for replacement parts is still on process; tentative date of restoration is on July 2017	
			3	PERKINS	0.300	0.285	974.600					21-Dec-16	Operational		
				Total:	0.626	0.440		0.161	0.065	0.094	0.279	0.186			
86	89	ZUMARRAGA DPP, Western Samar (24 hours operation) (SAMELCO II)	1	DALE-PERKINS	0.163	0.140	58,776.160					14-Jun-94	Operational		
			2	DALE-PERKINS	0.163	0.140	34,259.580					13-Sep-94	Operational		
			3	DALE PERKINS	0.163	0.000	39,014.550					14-Jun-09	Non-operational	Under maintenance since Nov 2016 due to burnt rotor and ongoing maintenance; tentative restoration date is on 29 Mar 2017	
			4	PERKINS	0.100	0.000	8,903.450					1-Mar-09	Non-operational	Under maintenance since Nov 2016 due to burnt exciter rotor; tentative restoration date is on 28 Mar 2017	
			5	CUMMINS	0.336	0.300	2,581.740					20-Nov-16	Operational		
				Total:	0.925	0.580		0.304	0.080	0.142	0.276	0.336			
87	90	TAGAPUL-AN DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (SAMELCO I)	1	DALE-PERKINS	0.163	0.139	20,910.280					3-Aug-96	Operational		
			2	DALE-PERKINS	0.100	0.085	15,991.140					8-Feb-09	Operational		
			3	DALE-PERKINS	0.163	0.139	258.900					26-Nov-16	Operational		
				Total:	0.426	0.363		0.084	0.025	0.063	0.279	0.090			
88	91	ALMAGRO DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (SAMELCO I)	1	PERKINS	0.163	0.139	32,838.480					5-Apr-97	Operational		
			3	DALE-PERKINS	0.100	0.080	12,626.580					18-Sep-09	Operational		
				Total:	0.263	0.219		0.080	0.021	0.060	0.139	0.098			
89	92	STO. NINO DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (SAMELCO I)	1	DALE-PERKINS	0.163	0.140	29,314.090					28-Feb-97	Operational		
				Total:	0.163	0.140		0.112	0.028	0.081	0.028	0.130			
90	93	SAN ANTONIO DPP, Northern Samar (24 hours operation) (NORSAMELCO)	1	DALE-PERKINS	0.163	0.000	0.000					1-Nov-96	Non-operational	Under corrective maintenance since 02 Dec 2016 due to damaged cylinder liner and oil dilution; target date of restoration is on June 2017	
			2	DALE-PERKINS	0.250	0.225	12,739.900					1-Nov-96	Operational		
			3	DALE-PERKINS	0.163	0.000	0.000					5-Jun-05	Non-operational	Under maintenance but no spare parts available; unit is subject for decommissioning	
			4	CUMMINS	0.336	0.329	129,197.000					20-Dec-16	Operational		
				Total:	0.912	0.554		0.217	0.050	0.107	0.337	0.217			

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)								
91	94	CAPUL DPP, Northern Samar (8 hours operation) 4:00PM-12:00MN (NORSAMELCO)	1	DALE-PERKINS	0.163	0.130	33,730.170						1-Jul-95	Operational				
			2	DALE-PERKINS	0.163	0.130	33,787.030						1-Jul-95	Operational				
			3	FG-WILSON	0.193	0.160	933.900							19-Oct-16	Operational			
			4	FG-WILSON	0.193	0.160	733.900							19-Oct-16	Operational			
			Total :	0.711	0.580		0.203	0.060	0.117	0.377	0.232							
92	95	SAN VICENTE DPP, Northern Samar (16 hours operation) 8:00AM-12:00MN (NORSAMELCO)	1	DALE-PERKINS(VIS)	0.163	0.138	27,623.410						26-May-97	Operational				
			2	PERKINS(VIS)	0.100	0.085	13,637.650							12-Mar-09	Operational			
			Total :	0.263	0.223		0.077	0.012	0.036	0.146	0.088							
93	96	BIRI DPP, Northern Samar (16 hours operation) 8:00AM-12:00MN (NORSAMELCO)	1	DALE-PERKINS	0.163	0.139	33,442.020						4-Dec-97	Operational				
			2	DALE-PERKINS	0.163	0.000	38,900.320							6-Dec-97	Non-operational	Non-operational since Feb 2017 due to defective generator stator & low lube oil pressure; for evaluation of VMTSD and servicing of generator stator; tentative date of restoration is on the last week of June 2017		
			3	DALE PERKINS	0.163	0.139	18,866.300							12-Aug-09	Operational			
			4	CUMMINS	0.336	0.300	1,627.600							6-Dec-16	Operational			
			Total :	0.825	0.577		0.246	0.066	0.146	0.331	0.246							
94	97	BATAG DPP, Northern Samar (6 hours operation) 5:00PM-11:00PM (NORSAMELCO)	1	CUMMINS	0.050	0.043	3,968.500						19-Mar-13	Operational				
			Total :	0.050	0.043		0.039	0.012	0.026	0.004	0.039							
III. SPUG - MINDANAO :																		
A. WESTERN MINDANAO AREA:																		
Basilan Grid																		
95	98	BASILAN DPP, Basilan (24 hours operation) (BASELCO) MONARK EQUIPMENT CORP. (RENTAL)	1	CKD	1.224	0.000	19,965.400						7-Sep-98	Non-operational	Non-operational since 23 Dec 2016 due to grounded cooling tower fan motor; target date of restoration is on the 2nd week of May 2017 (awaiting for the delivery of new fan motor)			
			4	CUMMINS	0.545	0.380	5,554.350							3-Aug-11	Operational			
			5	CUMMINS	0.545	0.000	7,563.960							3-Aug-11	Non-operational	Non-operational since 23 Dec 2016 due to defective		
			6	CUMMINS	0.545	0.380	6,503.670							3-Aug-11	Operational			
				Sub-total (owned)	2.859	0.760												
			7	CATERPILLAR-RENTAL	1.500	1.200	26,740.000								25-Sep-13	Operational	Contracted Capacity: 2 MW	
			8	CATERPILLAR-RENTAL	1.500	1.200	22,630.000								25-Sep-13	Operational	Contract Period: 01 Aug 2016 to 31 Jul 2017	
			9	CATERPILLAR-RENTAL	1.500	1.200	28,732.000								25-Sep-13	Operational	Contracted Capacity: 1.5 MW	
			13	CATERPILLAR-RENTAL	0.600	0.500	8,132.000								1-Feb-15	Operational	Contract Period: 04 Dec 2015 to 03 Jun 2017 (extended)	
			14	CATERPILLAR-RENTAL	1.000	0.850	6,135.000								24-Feb-16	Operational	Contracted Capacity: 1.5 MW	
			15	CATERPILLAR-RENTAL	1.000	0.850	5,245.000								24-Feb-16	Operational	Contract Period: 24 Feb 2016 to 23 Aug 2017 (extended)	
			16	CAT-RENTAL	1.250	1.000	5,251.000								2-Aug-16	Operational	Contracted Capacity: 3 MW	
			17	CAT-RENTAL	1.250	1.000	5,370.000								2-Aug-16	Operational	Contract Period: 02 Aug 2016 to 01 Aug 2017	
			18	CAT-RENTAL	1.250	1.000	4,349.000								2-Aug-16	Operational		
				Sub-total (rental)	10.850	8.800												
				Total :	13.709	9.560												
			99	99	POWER BARGE 119, Basilan (24 hours operation) (BASELCO)	3	DAIHATSU	1.800	1.300	119,066.600						1-Jun-95	Operational	
						4	DAIHATSU	1.800	1.300	116,101.620							1-Jun-95	Operational
Sub-total	3.600	2.600																
			Total Basilan Grid :	17.309	12.160		9.814	5.870	*	2.346	9.814			-- No data from Coop Mini-Hydro				

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)							
96	100	JOLO DPP, Sulu (24 hours operation) (SULECO) MONARK EQUIPMENT CORP. (RENTAL)	1	DAIHATSU	1.800	1.200	151,924.590						1-May-95	Operational			
			3	DAIHATSU	1.800	1.300	161,211.560						2-May-95	Operational			
			Sub-total (owned)			3.600	2.500										
			4	CAT-RENTAL	1.000	0.850	0.000							22-Mar-16	Operational	Contracted Capacity: 3 MW	
			5	CAT-RENTAL	1.360	1.200	9,536.110							26-Jan-16	Operational	Contract Period: 17 Jan 2016 to 16 July 2017 (extended)	
			6	CAT-RENTAL	1.360	1.200	6,498.480							26-Jan-16	Operational		
			7	CAT-RENTAL	1.360	1.200	5,642.640							26-Jan-16	Operational	Contracted Capacity: 3 MW	
			8	CAT-RENTAL	1.360	1.200	7,668.990							26-Jan-16	Operational	Contract Period: 25 Jul 2016 to 24 Jul 2017	
			9	CAT-RENTAL	1.360	1.200	12,692.880							26-Jan-16	Operational		
			10	CAT-RENTAL	1.360	1.200	13,758.190							26-Jan-16	Operational	Contracted Capacity: 1.5 MW	
			11	CAT-RENTAL	1.360	1.200	2,875.400							1-Aug-16	Operational	Contract Period: 11 Jul 2016 to 10 Jul 2017	
			12	CAT-RENTAL	0.545	0.450	2,377.260							1-Aug-16	Operational		
Sub-total (rental)			11.065	9.700													
Total :			14.665	12.200		8.320	2.300	5.936	3.880	8.320							
97	101	LUUK DPP, Sulu (8 hours operation) 6:00PM-2:00AM (SULECO)	3	CUMMINS	0.150	0.135	0.000						14-Jun-06	Operational	Note: SULECO requested to stop the operation of Luuk DPP last 10 Oct 2015 due to low collection efficiency		
			Total :			0.150	0.135		0.000	0.000	0.000	0.135	0.000				
98	102	SIASI DPP, Sulu (24 hours operation) (SIASELCO)	2	CUMMINS	0.675	0.600	250.000						13-Mar-17	Operational			
			3	PERKINS	0.600	0.420	4,245.260						30-Apr-14	Operational			
			4	DALE-PERKINS	0.260	0.200	47,149.000						1-Oct-91	Operational			
			5	MAN - DIESEL	0.500	0.420	36,748.330						24-May-08	Operational			
			6	MAN-DIESEL	0.500	0.420	37,809.550						25-May-08	Operational			
			Total :			2.535	2.060		0.700	0.215	0.462	1.360	0.740				
99	103	Tawi-Tawi (Mainland) Grid BONGAO DPP, Tawi-Tawi (24 hours operation) (TAWELCO) MONARK EQUIPMENT CORP. (RENTAL)	4	PERKINS	0.544	0.400	11,121.750						7-Feb-09	Operational			
			Sub-total (owned)			0.544	0.400										
			5	CAT-RENTAL	1.000	0.750	7,939.000							1-Apr-16	Operational	Contracted Capacity: 1 MW	
			6	CAT-RENTAL	1.000	0.750	8,509.000							1-Apr-16	Operational	Contract Period: 26 Sep 2016 to 25 Sep 2017	
			7	CAT-RENTAL	1.500	1.000	3,441.000							12-May-16	Operational		
			8	CAT-RENTAL	1.500	1.000	12,435.000							12-May-16	Operational	Contracted Capacity: 1.5 MW	
			Sub-total (rental)			5.000	3.500										Contract Period: 03 Jun 2016 to 02 Jun 2017
			Total :			5.544	3.900										
100	104	POWER BARGE 108, Tawi-Tawi (24 hours operation) (TAWELCO)	1	DAIHATSU	1.800	1.300	94,324.900						1-Mar-92	Operational			
			3	DAIHATSU	1.800	1.300	98,354.670						1-Mar-92	Operational			
			Sub-total			3.600	2.600										
			Total Bongao Grid :			9.144	6.500		4.030	1.200	2.925	2.470	4.050				
100	105	BALIMBING DPP, Tawi-Tawi (16 hours operation) Weekdays 2:00 PM-6:00AM Weekends 12:00NN-4:00AM (TAWELCO)	1	DALE-PERKINS	0.163	0.155	32,333.910						13-Jan-97	Operational			
			2	DALE-PERKINS	0.163	0.155	26,420.740						1-Jul-98	Operational			
			3	CUMMINS	0.150	0.120	7,035.720						12-Oct-11	Operational			
			4	CUMMINS	0.250	0.160	6,893.500						4-Mar-11	Operational			
			5	CUMMINS	0.336	0.300	110.380						11-Mar-17	Operational			
Total :			1.062	0.890		0.245	0.120	0.157	0.645	0.245							
101	106	TANDUBAS DPP, Tawi - Tawi (8 hours operation) From 4:00PM-12:00MN (TAWELCO)	3	CUMMINS	0.150	0.145	14,635.170						6-Aug-09	Operational			
			4	PERKINS	0.300	0.210	208.700						26-Feb-17	Operational			
			Total :			0.450	0.355		0.154	0.068	0.112	0.201	0.154				

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Grid No.	Plant No.	PLANT, PROVINCE (Operating Hours) Time of Operation (Distribution Utility)	GENSETS PARTICULARS				ACCUMULATED RUNNING HOURS	SYSTEM DEMAND			GROSS RESERVE (DEFICIENCY)	MAXIMUM SYSTEM DEMAND (2017)	COMM'SNG DATE	STATUS	REMARKS
			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
102	107	SIBUTU DPP, Tawi-Tawi (12 hours operation) 12:00NN-12:00MN (TAWELCO)	1	DALE-PERKINS	0.163	0.140	40,577.560						2-Nov-98	Operational	
			2	DALE-PERKINS	0.163	0.000	26,515.690						12-Apr-03	Non-operational	Non-operational since 28 Feb 2017 due to defective crankshaft; no target date of restoration
			3	PERKINS	0.193	0.160	2,225.840						30-Jun-16	Operational	
			4	PERKINS	0.300	0.190	69.920						25-Feb-17	Operational	
			Total :			0.819	0.490		0.245	0.100	0.137	0.245	0.280		
103	108	SITANGKAI DPP, Tawi-Tawi (12 hours operation) 6:00PM-6:00AM (TAWELCO)	1	CUMMINS	0.280	0.200	1,988.000						19-Aug-09	Operational	
			3	PERKINS 2800	0.544	0.490	5,636.240						27-Feb-10	Operational	
			5	FG-WILSON	0.193	0.160	243.000						23-Jul-16	Operational	
			6	FG-WILSON	0.315	0.300	423.550						30-Jan-17	Operational	
			Total :			1.332	1.150		0.310	0.078	0.216	0.840	0.340		
104	109	MANUK-MANGKAW DPP, Tawi Tawi (6 hours operation) 6:00PM-12:00MN (TAWELCO)	1	DALE-PERKINS	0.163	0.150	38,696.640						14-Jul-97	Operational	
			Total :			0.163	0.150		0.100	0.040	0.091	0.050	0.100		
105	110	WEST SIMUNUL DPP, Tawi-Tawi (8 hours operation) 4:00PM-12:00MN (TAWELCO)	1	PERKINS	0.300	0.210	153.440						28-Feb-17	Operational	
			2	CUMMINS-2	0.250	0.125	8,515.340						10-Aug-09	Operational	
			3	DALE-PERKINS	0.260	0.200	53,460.240						25-Sep-02	Operational	
			4	PERKINS	0.163	0.140	9,790.090						30-Mar-11	Operational	
Total :			0.973	0.675		0.350	0.160	0.230	0.325	0.350					
106	111	MAPUN DPP, Tawi-Tawi (12 hours operation) 2:00PM-2:00AM (CASELCO)	1	DALE-PERKINS	0.260	0.200	33,360.960						26-Sep-92	Operational	
			3	MAN	0.500	0.430	20,309.350						16-Oct-08	Operational	
			4	FG-WILSON	0.315	0.300	902.240						7-May-16	Operational	
			Total :			1.075	0.930		0.480	0.230	0.299	0.450	0.480		
107	112	TANUBANAK DPP, Tawi-Tawi (8 hours operation) (TAWELCO)	1	Cummins	0.275	0.170	818.140						22-Aug-09	Operational	
			2	CUMMINS	0.160	0.110	760.460						22-Aug-09	Operational	
			3	FG-WILSON	0.193	0.160	637.900						22-Jul-16	Non-operational	Non-operational since 18 Nov 2016 (under warranty) due to oil dilution; awaiting for the supplier's technician to rectify the problem; no target date of restoration; NOTE: for MOR correction (dep cap)
			4	PERKINS	0.300	0.210	51.490						16-Mar-17	Operational	
Total :			0.928	0.650		0.196	0.051	0.134	0.454	0.205					
108	113	SACOL DPP, Zamboanga (12 hours operation) 12:00NN-12:00MN (ZAMCELCO)	1	CUMMINS	0.150	0.140	17,102.790						6-Sep-08	Operational	
			2	PERKINS	0.105	0.080	2,769.900						2-Apr-16	Operational	
			3	FG-WILSON	0.105	0.080	443.600						27-Dec-16	Operational	
			Total :			0.360	0.300		0.080	0.030	0.057	0.220	0.080		

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Grid No.	Plant No.	PLANT, PROVINCE (Operating Hours) Time of Operation (Distribution Utility)	GENSETS PARTICULARS				ACCUMULATED RUNNING HOURS	SYSTEM DEMAND			GROSS RESERVE (DEFICIENCY)	MAXIMUM SYTEM DEMAND (2017)	COMM'SNG DATE	STATUS	REMARKS		
			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)							
B. EASTERN MINDANAO AREA:																	
109	114	DINAGAT DPP, Dinagat <i>Dinagat Grid</i> (24 hours operation) (DIELCO)	1	MAN	0.500	0.380	25,791.300						22-Sep-09	Operational			
			2	MAN	0.500	0.380	26,580.100						22-Sep-09	Operational			
			3	CUMPER-PERKINS	0.275	0.190	38,806.280							27-Feb-05	Operational		
			4	CUMPER	0.275	0.190	42,449.690							17-Jul-05	Operational		
			5	CUMPER	0.275	0.190	38,846.390							25-Nov-04	Operational		
			6	CUMPER	0.275	0.200	40,715.530							24-Nov-04	Operational		
			7	CUMPER	0.275	0.200	42,641.460							17-Jul-05	Operational		
				Sub-total (owned)	2.375	1.730											
				MONARK EQUIPMENT CORP. (RENTAL)													
				9	CAT-RENTAL	0.680	0.550	7,608.000							1-Dec-14	Operational	Contracted Capacity: 2 MW
				12	CAT-RENTAL	0.910	0.740	6,468.800							17-Mar-16	Operational	Contract Period: 16 May 2016 to 15 May 2017
				13	CAT-RENTAL	0.545	0.420	8,084.100							17-Mar-16	Operational	Note: New contract is still on process
				14	CAT-RENTAL	0.680	0.550	4,282.900							25-Sep-16	Operational	
				15	CAT-RENTAL	0.910	0.740	3,093.100							8-Oct-16	Operational	Contracted Capacity: 0.5 MW
	16	CAT-RENTAL	0.724	0.580	5,812.900							1-Mar-17	Operational	Contract Period: 25 Sep 2016 to 24 Sep 2017			
		Sub-total (rental)	4.449	3.580													
		Total	6.824	5.310													
109	115	LORETO DPP, Dinagat Back-Up/On Standby (DIELCO)	3	MAN	0.500	0.380	13,040.580						6-Oct-07	Operational			
				Sub-total	0.500	0.380											
			Total Dinagat Grid :														
					7.324	5.690		3.269	1.505	1.871	2.421	3.574					
110	116	HIKOP DPP, Surigao del Norte (16 hours operation) 12:00NN-04:00AM (SURNECO)	1	DALE-PERKINS	0.163	0.155	39,708.370						5-Sep-93	Operational			
			2	CUMMINS	0.120	0.096	8,619.210							6-Oct-10	Operational		
			3	FG-WILSON	0.193	0.160	321.100							13-Oct-16	Operational		
			4	FG-WILSON	0.105	0.080	767.500							13-Oct-16	Operational		
				Total :	0.581	0.491				0.113	0.045	0.066	0.378	0.113			
111	117	KALAMANSIG DPP, Sultan Kudarat (24 hours operation)	1	FG WILSON, PERKINS	0.600	0.400	23,620.580						12-Jul-09	Operational			
			3	PERKINS	0.600	0.400	15,686.390							5-May-11	Operational		
			6	PERKINS	0.560	0.350	62,653.580							11-Jul-09	Operational		
			21	PERKINS	0.560	0.300	48,821.620							20-Jan-17	Operational		
				Sub-total (owned)	2.320	1.450											
				MONARK EQUIPMENT CORP. (RENTAL)													
				17	MONARK-RENTAL	0.910	0.800	6,937.100							31-Mar-16	Operational	Contracted Capacity: 3 MW
				19	MONARK-RENTAL	0.910	0.800	4,076.500							31-Mar-16	Operational	Contract Period: 25 Feb 2017 to 24 Feb 2018
				22	MONARK-RENTAL	0.910	0.800	180.300							29-Jan-17	Operational	
				23	MONARK-RENTAL	0.725	0.600	1,030.400							30-Jan-17	Operational	
	26	MONARK-RENTAL	0.910	0.800	4,267.400							28-Feb-17	Operational				
		Sub-total (rental)	4.365	3.800													
		Total	6.685	5.250				3.559	1.299	2.208	1.691	3.611					
112	118	SEN. NINOY AQUINO DPP, Sultan Kudarat (16 hours operation) 8:00AM-12:00MN (SUKELCO)	1	DALE-PERKINS	0.163	0.145	48,700.190						27-Mar-98	Operational			
			2	DALE-PERKINS	0.260	0.180	53,378.970							22-Mar-98	Operational		
			3	PERKINS	0.260	0.180	48,091.820							11-May-11	Operational		
			4	PERKINS	0.163	0.145	0.000							1-Feb-15	Operational		
				Sub-total (owned)	0.846	0.650											
	MONARK EQUIPMENT CORP. (RENTAL)																
	8	MONARK-RENTAL	0.455	0.350	1,007.000							16-Jan-17	Operational	Contracted Capacity: 0.35 MW			
	9	MONARK-RENTAL	0.455	0.350	6,663.000							16-Jan-17	Operational	Contract Period: 15 Jan 2017 to 16 Jan 2018			
		Sub-total (rental)	0.910	0.700													
		Total :	1.756	1.350				0.738	0.280	0.438	0.612	0.808					

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Grid No.	Plant No.	PLANT, PROVINCE (Operating Hours) Time of Operation (Distribution Utility)	GENSETS PARTICULARS				ACCUMULATED RUNNING HOURS	SYSTEM DEMAND			GROSS RESERVE (DEFICIENCY)	MAXIMUM SYTEM DEMAND (2017)	COMM'SNG DATE	STATUS	REMARKS
			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
113	119	PALIMBANG DPP, Sultan Kudarat (16 hours operation) 8:00AM-12:00MN (SUKELCO)	1	DALE-PERKINS	0.163	0.150	42,245.640						28-Apr-99	Operational	
			2	Cummins	0.275	0.200	8,410.370						21-Dec-10	Non-operational	Non-operational since 16 Oct 2016; cylinder heads for crack testing and turbocharger for servicing; target date of restoration is on May 2017; NOTE: for MOR correction (dep cap)
			3	DALE-PERKINS	0.260	0.180	84,306.100						12-May-13	Operational	
			4	FG-WILSON	0.193	0.160	727.900						18-Oct-16	Operational	
			5	FG-WILSON	0.105	0.080	356.800						18-Oct-16	Operational	
				Total :	0.996	0.770		0.288	0.050	0.164	0.482	0.288			
114	120	BALUT DPP, Davao Occidental (16 hours operation) 12:00NN-4:00AM (DASURECO)	1	DALE-PERKINS	0.163	0.160	28,785.740						27-Sep-97	Operational	
			2	DALE-PERKINS	0.163	0.160	26,247.000						16-Jan-98	Operational	
			3	DALE-PERKINS	0.163	0.160	49,574.840						11-Nov-15	Non-operational	Non-operational since 04 Feb 2017 due to leakage in cylinder head; target date of restoration is on 20 Apr 2017; NOTE : for MOR correction (dep cap)
			4	FG-WILSON	0.193	0.160	2,212.570						26-Sep-16	Operational	
			5	FG-WILSON	0.105	0.080	25.070						20-Dec-16	Operational	
				Total :	0.787	0.720		0.170	0.073	0.116	0.550	0.170			
115	121	TALICUD DPP, Davao del Norte (16 hours operation) 12:00NN-4:00AM (DANECO)	1	DALE-PERKINS	0.163	0.145	43,180.990						26-Aug-96	Operational	
			2	DALE-PERKINS	0.163	0.145	31,795.470						26-Aug-96	Operational	
			3	DALE-PERKINS	0.260	0.190	47,155.360						18-Dec-91	Operational	
			4	FG-WILSON	0.193	0.160	1,464.400						8-Oct-16	Operational	
			5	FG-WILSON	0.105	0.080	51.600						8-Oct-16	Operational	
				Total :	0.884	0.720		0.259	0.100	0.172	0.461	0.278			

SUMMARY (EXISTING POWER PLANT AND BARGES) :

SMALL POWER UTILITIES GROUP	NO. OF PLANTS	SYSTEM DEMAND					GROSS RESERVE
		RATED	DEP.	MAX	MIN	AVE	
TOTAL LUZON	204	123.890	96.794	56.817	26.436	28.641	39.977
Land-Based	60	103.019	83.775				
Power Barge	4	16.900	9.450				
Mini-Grid	3	0.629	0.540				
Wind	1	0.180	0.000				
Hydro	1	1.800	1.800				
PRES	135	1.362	1.229				
TOTAL VISAYAS	45	17.340	13.448	6.058	2.198	3.525	7.443
Land-Based	29	14.139	11.101				
Power Barge	2	2.100	1.500				
Mini-Grid	14	1.101	0.847				
TOTAL MINDANAO	24	69.974	53.636	33.420	13.814	15.789	20.216
Land-Based	22	62.774	48.436				
Power Barge	2	7.200	5.200				
TOTAL PHILIPPINES	273	211.204	163.878	96.295	42.448	47.955	67.637