

**SMALL POWER UTILITIES GROUP**  
**POWER PLANTS/POWER BARGES OPERATIONAL REPORT FOR EXISTING AREAS**  
As of March 25, 2016

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 (2016)	COMM'SNG DATE	STATUS	REMARKS		
			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)							
<b>I. SPUG - LUZON :</b>																	
<b>A. MARINDUQUE/QUEZON/NORTH LUZON AREA:</b>																	
<b>Marinduque Grid</b>																	
1	1	BOAC DPP, Marinduque (24 hours operation) (MARELCO)  MONARK EQUIPMENT CORP. (RENTAL)	1	CKD	1.224	1.000	46,455.600						13-Jun-97	Operational			
			2	CKD	1.224	1.000	36,215.200						13-Jun-97	Operational			
			3	CKD	1.224	1.000	42,275.500						13-Jun-97	Operational			
			4	DEUTZ	0.550	0.350	221.660						2-Apr-09	Operational	For transfer to Torrijos DPP		
			<b>Sub-total (owned)</b>					<b>4.222</b>	<b>3.350</b>								Contracted Capacity: 4 MW
			8	MONARK	9.700	7.500	21,698.270							30-Nov-14	Operational	Contract Period: 15 Sep 2015 to 14 Sep 2016	
			<b>Sub-total (rental)</b>					<b>9.700</b>	<b>7.500</b>								Contracted Capacity: 3.5 MW
			<b>Total</b>					<b>13.922</b>	<b>10.850</b>								Contract Period: 30 Aug 2015 to 28 May 2016 (extended)
			<b>TORRIJOS DPP, Marinduque</b>														
			2	2	back-up (MARELCO)	2	PERKINS	0.500	0.460	2,761.530						9-Mar-07	Operational
<b>Sub-total</b>								<b>0.500</b>	<b>0.460</b>								
3	3	POWER BARGE 120, Marinduque (24 hours operation) (MARELCO)	1	DAIHATSU	1.800	0.000	86,897.160						15-Jun-95	Operational	On drydock from 06 Dec 2014 to 29 March 2015. But		
			2	DAIHATSU	1.800	0.000	56,797.210						15-Jun-95	Operational	cannot restore its operation due to problem on mooring		
			3	DAIHATSU	1.800	0.000	92,106.180						15-Jun-95	Operational	facility; on-going construction of mooring facility;		
			4	DAIHATSU	1.800	0.000	89,448.830						15-Jun-95	Operational	tentative date of completion - May 2016		
			<b>Sub-total</b>					<b>7.200</b>	<b>0.000</b>								
<b>Total Marinduque Grid</b>					<b>21.622</b>	<b>11.310</b>		<b>8.620</b>	<b>4.830</b>	<b>5.106</b>	<b>2.690</b>	<b>8.620</b>					
2	4	MANIWAYA DPP, Marinduque (8 hours operation) 3:00PM-11:00PM (MARELCO)	1	PERKINS	0.054	0.050	15,926.400						1-Nov-08	Operational			
			2	PERKINS	0.050	0.048	12,201.420						5-Jun-09	Operational			
			<b>Total</b>					<b>0.104</b>	<b>0.098</b>		<b>0.0464</b>	<b>0.0089</b>	<b>0.0293</b>	<b>0.0516</b>	<b>0.0483</b>		
3	5	MONGPONG DPP, Marinduque (8 hours operation) 3:00PM-11:00PM (MARELCO)	1	PERKINS	0.054	0.050	20,997.500						1-Nov-08	Operational			
			2	PERKINS	0.050	0.048	7,833.060						26-Jun-09	Operational			
			<b>Total</b>					<b>0.104</b>	<b>0.098</b>		<b>0.0440</b>	<b>0.0108</b>	<b>0.0257</b>	<b>0.0540</b>	<b>0.0440</b>		
4	6	POLO DPP, Marinduque (8 hours operation) 3:00PM-11:00PM (MARELCO)	1	PERKINS	0.042	0.040	3,616.260						1-Nov-08	Operational			
			2	PERKINS	0.050	0.048	13,563.020						25-Jun-09	Operational	On standby		
			<b>Total</b>					<b>0.092</b>	<b>0.088</b>		<b>0.0247</b>	<b>0.0056</b>	<b>0.0159</b>	<b>0.0633</b>	<b>0.0247</b>		
5	7	POLILIO DPP, Quezon (16 hours operation) 2:30PM-6:30AM (QUEZELCO II)	1	MAN-DIESEL	0.500	0.370	32,068.930						20-Jan-10	Operational			
			2	MAN-DIESEL	0.500	0.380	30,262.680						19-Nov-09	Operational			
			3	FGW	0.540	0.000	16,291.500						22-Jul-08	Unoperational	Unoperational due to damaged camshaft and rocker arm		
			4	DALE-PERKINS	0.560	0.380	36,130.810						1-Jan-90	Operational	rollers; due for major overhauling; no tentative		
			6	DALE-PERKINS	0.260	0.200	25,364.260						21-Nov-96	Operational	restoration date since PR for replacement is still on		
<b>Total</b>					<b>2.360</b>	<b>1.330</b>		<b>1.289</b>	<b>0.260</b>	<b>0.850</b>	<b>0.041</b>	<b>1.289</b>		process at NPC-HO			
6	8	JOMALIG DPP, Quezon (8 hours operation) 5:00PM-1:00AM (QUEZELCO II)	1	DALE-PERKINS	0.163	0.150	22,347.270						1-Dec-97	Operational			
			2	PERKINS	0.260	0.240	63,170.400						1-Jan-00	Operational			
			<b>Total</b>					<b>0.423</b>	<b>0.390</b>		<b>0.146</b>	<b>0.065</b>	<b>0.092</b>	<b>0.244</b>	<b>0.146</b>		
7	9	PATNANUNGAN DPP, Quezon (8 hours operation) 4:00PM-12:00MN (QUEZELCO II)	1	DALE-PERKINS	0.163	0.150	32,095.200						27-Nov-97	Operational			
			2	DALE-PERKINS	0.260	0.250	27,864.680						19-Jan-93	Operational	Unit derated due to worn out crankshaft spline; ongoing		
			<b>Total</b>					<b>0.423</b>	<b>0.400</b>		<b>0.200</b>	<b>0.080</b>	<b>0.126</b>	<b>0.200</b>	<b>0.200</b>	replacement of new crankshaft; target date of	
<b>Total</b>					<b>0.423</b>	<b>0.400</b>		<b>0.200</b>	<b>0.080</b>	<b>0.126</b>	<b>0.200</b>	<b>0.200</b>		completion - 2nd week of April 2016			

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)							
8	10	BASCOP DPP, Batanes (24 hours operation) (BATANELCO)  MONARK EQUIPMENT CORP. (RENTAL)	1	STAMFORD-PERKINS	0.500	0.400	23,078.510						7-Aug-04	Operational			
			8	MAN B&W	0.500	0.400	53,826.140							2-Apr-03	Operational		
			Sub-total (owned)		1.000	0.800											
			9	MONARK-(RENTAL)	1.445	1.100	15,330.000								21-Jun-14	Operational	Contracted Capacity: 1.1 MW Contract Period: 21 Jun 2015 to 20 Jun 2016
Sub-total (rental)		1.445	1.100														
Total		2.445	1.900														
10	11	WIND TURBINE, Batanes  On Standby	1	Vergnet	0.060	0.000	6,824.000						7-Aug-04	Unoperational	Not operational due to corrupted main Programmable Logic Controller (PLC)		
			2	Vergnet	0.060	0.000	4,885.000						7-Aug-04	Unoperational			
			3	Vergnet	0.060	0.000	5,568.000						7-Aug-04	Unoperational			
			Sub-total		0.180	0.000											
Total Grid		2.625	1.900				1.043	0.342	0.625	0.857	1.043						
9	12	SABTANG DPP, Batanes  (18 hours operation) 6:00AM-12:00MN (BATANELCO)	1	DALE-PERKINS	0.163	0.000	63,131.420						15-Jan-93	Unoperational	Major overhauling completed; awaiting for the delivery of new radiator from the supplier; on going restoration; target date of restoration is on 31 March 2016		
			2	DALE-PERKINS	0.163	0.130	511.040							15-Jan-93		Operational	
			Total		0.326	0.130			0.113	0.041	0.068	0.017	0.129				
10	13	ITBAYAT DPP, Batanes  (18 hours operation) 6:00AM-12:00MN (BATANELCO)	1	DALE-PERKINS	0.163	0.150	46,324.590						1-Dec-96	Operational			
			2	DALE-PERKINS	0.163	0.150	39,338.080							1-Dec-96	Operational		
			Total		0.326	0.300			0.135	0.051	0.083	0.165	0.138				
11	14	CALAYAN DPP, Cagayan  (12 hours operation)  12:00NN-12:00MN (LGU-CALAYAN)	1	DALE-PERKINS	0.163	0.150	24,598.000						22-Aug-92	Operational			
			2	DALE-PERKINS	0.163	0.000	0.000							22-Aug-92	Unoperational	Unoperational since August 2015 due to mechanical problem on the crankshaft hub; ongoing PMS - major overhauling activity; tentative restoration on 4th week of April 2016	
			3	FGWILSON	0.100	0.000	0.000							3-Mar-08	Unoperational	Unoperational since 17 Feb 2016 due to defective power transformer and main circuit breaker; tentative date of restoration is on 09 April 2016	
			Total		0.426	0.150			0.142	0.058	0.080	0.008	0.160				
12	15	KABUGAO DPP, Apayao  (24 hours operation)  (KAELCO)	1	DALE-PERKINS	0.260	0.250	58,564.070						8-Mar-93	Operational			
			2	DALE-PERKINS	0.163	0.150	59,474.570							27-Oct-93	Operational		
			3	CKD	0.220	0.200	45,706.150							28-Sep-96	Operational	Unoperational since 11 March 2016; unit is under maintenance; for replacement of cylinder head; tentative date of restoration is on 30 April 2016	
Total		0.643	0.600			0.175	0.050	0.095	0.425	0.175							
13	16	PALANAN DPP, Isabela  (12 hours operation) 12:00NN-12:00MN (ISELCO II)	1	DALE-PERKINS	0.163	0.150	27,891.190						1-Aug-95	Operational	On standby		
			2	DALE-PERKINS	0.260	0.250	25,423.490							1-Aug-95	Operational		
			3	FG WILSON	0.100	0.090	2,313.900							14-Apr-09	Operational		
Total		0.523	0.490			0.181	0.063	0.103	0.309	0.181							
14	17	CASIGURAN DPP, Aurora  (24 hours operation) (AURELCO)	1	MAN	0.500	0.430	41,173.540						12-Jul-04	Operational			
			2	MAN	0.500	0.450	50,176.380							12-Jul-04	Operational		
			4	DALE-PERKINS	0.260	0.180	49,416.540							6-Dec-13	Operational		
			5	DALE-PERKINS	0.675	0.450	12,881.200							2-Aug-92	Operational		
			Total		1.935	1.510			1.440	0.295	0.631	0.070	1.440				
		Eco Market Solutions, Inc. (EMS)	1	Biomass	0.250	0.000						2013	Unoperational	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>B. CATANDUANES/CAMSUR/MASBATE/ALBAY AREA:</b>													
	18	<b>BALONGBONG HEPP, Catanduanes</b> (24 hours operation) (FICELCO)	1	SFW 900-10/1430	0.900	0.900	151,203.460						1-Jun-83	Operational	
			2	SFW 900-10/1430	0.900	0.900	133,078.720						1-Jun-83	Operational	
				<b>Sub-total</b>	<b>1.800</b>	<b>1.800</b>									
	19	<b>MARINAWA DPP, Catanduanes</b> (24 hours operation) (FICELCO)	1	DALE-PERKINS	0.560	0.450	51,947.000						30-Jul-99	Operational	
			2	DALE-PERKINS	0.560	0.450	3,160.000						26-Feb-01	Operational	
			6	DALE-PERKINS	0.560	0.450	47,901.000						7-May-14	Operational	
			7	DALE-PERKINS	0.560	0.450	45,452.000						31-May-14	Operational	
				<b>Sub-total (owned)</b>	<b>2.240</b>	<b>1.800</b>									
				<b>Total</b>	<b>2.240</b>	<b>1.800</b>									
15	20	<b>VIGA DPP, Catanduanes</b> (24 hours operation) (FICELCO)	1	DALE-PERKINS	0.560	0.400	28,905.590						2-May-03	Operational	
			2	CUMMINS	0.500	0.350	1,835.430						31-Aug-12	Operational	
			3	CUMMINS	0.500	0.350	2,072.880						31-Aug-12	Operational	
			4	DALE-PERKINS	0.560	0.400	30,925.190						3-May-03	Operational	
				<b>Sub-total</b>	<b>2.120</b>	<b>1.500</b>									
				<b>Total Catanduanes (NPC) Grid :</b>	<b>6.160</b>	<b>5.100</b>									
	NPP	<b>Sun West Water &amp; Electric Corp. (Hitoma 1)</b>	1	Hydro	1.500	1.150							2010	Operational	
	NPP	<b>Sun West Water &amp; Electric Corp. (Solong)</b>	1	Hydro	2.100	1.690							2010	Operational	
	NPP	<b>Catanduanes Power Generation (CPG)</b>	1	Bunker	3.600	2.880							2011	Operational	
				<b>Total Catanduanes Grid :</b>	<b>13.360</b>	<b>10.820</b>		<b>8.804</b>	<b>3.910</b>	<b>4.687</b>	<b>2.016</b>	<b>8.804</b>			
16	21	<b>PALUMBANES DPP, Catanduanes</b> (8 hours operation) 4:00PM-12:00MN (FICELCO)	1	CUMMINS	0.022	0.018	2,966.200						1-Feb-15	Operational	
				<b>Total :</b>	<b>0.022</b>	<b>0.018</b>		<b>0.018</b>	<b>0.008</b>	<b>0.014</b>	<b>0.000</b>	<b>0.018</b>			
17	22	<b>RAPU-RAPU DPP, Albay</b> (12 hours operation) 12:00NN-12:00MN (APEC)	1	DALE-PERKINS	0.163	0.140	37,351.660						1-Jan-05	Operational	
			2	DALE-PERKINS	0.163	0.145	38,638.810						7-Nov-96	Operational	
			5	MAN-DIESEL	0.500	0.000	17,565.830						24-Oct-07	Unoperational	Unoperational since 03 October 2015 due to defective crankshaft; schedule for overhauling on 3rd week of April 2016.
			3	PERKINS	0.300	0.000	14.840						1-Nov-15	Unoperational	On-going testing
			4	PERKINS	0.300	0.000	12.430						1-Nov-15	Unoperational	On-going testing
				<b>Total :</b>	<b>0.826</b>	<b>0.285</b>		<b>0.280</b>	<b>0.130</b>	<b>0.202</b>	<b>0.005</b>	<b>0.280</b>			
18	23	<b>BATAN DPP, Albay</b> (8 hours operation) 4:00PM-12:00MN (APEC)	1	DALE-PERKINS	0.163	0.130	39,130.000						1-Aug-91	Operational	
			2	PERKINS	0.300	0.000	0.000						23-Sep-15	Unoperational	TPI Genset - commissioned on 18 March 2016 but not yet accepted; with punchlist for compliance by TPI.
			3	DALE-PERKINS	0.163	0.130	18,631.400						7-Nov-96	Operational	
				<b>Total :</b>	<b>0.326</b>	<b>0.260</b>		<b>0.201</b>	<b>0.054</b>	<b>0.142</b>	<b>0.059</b>	<b>0.203</b>			
	NPP	<b>Masbate (Mainland) Grid</b> <b>DMCI Power Corporation</b>	1	Bunker	24.400	21.200							2010	Operational	
				<b>Total Grid :</b>	<b>24.400</b>	<b>21.200</b>									
		<b>Other Islands in Masbate</b>													
19	24	<b>TICAO DPP, Masbate</b> (24 hours operation) (TISELCO)	5	MAN	0.500	0.400	24,241.750						25-Jan-02	Operational	
				<b>Sub-total (owned)</b>	<b>0.500</b>	<b>0.400</b>									
		<b>MONARK EQUIPMENT CORP. (RENTAL)</b>	7	MONARK-(RENTAL)	1.600	1.400	25,992.810						26-Sep-12	Operational	Contracted Capacity: 1 MW Contract Period: 05 Jun 2015 to 04 Jun 2016
				<b>Sub-total (rental)</b>	<b>1.600</b>	<b>1.400</b>									
				<b>Total :</b>	<b>2.100</b>	<b>1.800</b>		<b>1.548</b>	<b>0.600</b>	<b>0.873</b>	<b>0.252</b>	<b>1.551</b>			

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
25	20	BURIAS DPP, Masbate (12 hours operation) 12:00NN-12:00MN (LGU San Pascual)	1	DALE-PERKINS	0.260	0.200	50,842.000						13-Nov-94	Operational	
			2	DALE-PERKINS	0.163	0.130	0.000						10-May-98	Operational	
			3	VOLVO	0.560	0.400	2,138.000						21-Sep-12	Operational	
			4	PERKINS	0.300	0.300	0.000						10-May-98	Operational	
			Total :	1.283	1.030		0.242	0.132	0.143	0.788	0.261				
26	21	GUINAWAYAN DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU - Placer)	1	FG WILSON	0.035	0.032	19,991.840						1-May-07	Operational	
				Total :	0.035	0.032		0.0204	0.0074	0.0149	0.0116	0.0205			
27	22	GILOTONGAN DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU - Cawayan)	1	FG WILSON	0.090	0.081	19,062.750						1-May-07	Operational	
				Total :	0.090	0.081		0.0734	0.0196	0.0541	0.0076	0.0749			
28	23	NABUCTOT DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU - Placer)	1	FG WILSON	0.025	0.022	18,722.080						1-May-07	Operational	
				Total :	0.025	0.022		0.0164	0.0071	0.0146	0.0056	0.0164			
29	24	PENA DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU - Cawayan)	1	FG WILSON	0.090	0.081	18,769.830						1-May-07	Operational	
				Total :	0.090	0.081		0.0360	0.0120	0.0258	0.0450	0.0410			
30	25	CHICO DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU - Cawayan)	1	FG WILSON	0.035	0.032	18,638.800						1-May-07	Operational	
				Total :	0.035	0.032		0.0190	0.0075	0.0146	0.0130	0.0190			
31	26	DANCALAN DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU San Pascual)	1	FG WILSON	0.080	0.065	7,099.800						27-May-12	Operational	
				Total :	0.080	0.065		0.0200	0.0050	0.0128	0.0450	0.0200			
32	27	MABABANGBAYBAY DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU-Claveria)	1	FG WILSON	0.060	0.050	7,970.500						24-Apr-12	Operational	
				Total :	0.060	0.050		0.0160	0.0060	0.0117	0.0340	0.0160			
33	28	MALAKING ILOG DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU San Pascual)	1	FG WILSON	0.060	0.050	9,268.500						9-Apr-12	Operational	
				Total :	0.060	0.050		0.0210	0.0070	0.0131	0.0290	0.0210			
34	29	OSMENIA DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU-Claveria)	1	FG WILSON	0.080	0.065	8,188.500						10-Jul-12	Operational	
				Total :	0.080	0.065		0.0350	0.0110	0.0214	0.0300	0.0350			
35	30	PENAFRANCIA DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU-Claveria)	1	FG WILSON	0.080	0.065	7,686.400						10-Jun-12	Operational	
				Total :	0.080	0.065		0.0170	0.0060	0.0114	0.0480	0.0170			
36	31	QUEZON DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU-Claveria)	1	FG WILSON	0.060	0.050	8,117.300						7-Jun-12	Operational	
				Total :	0.060	0.050		0.0140	0.0050	0.0108	0.0360	0.0140			

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
32	37	LAHUY DPP, Camarines Sur (4 hours operation) 6:00PM-10:00PM (CASURECO IV)	1	CUMMINS	0.120	0.096	8,211.000	0.0460	0.0220	0.0412	0.0500	0.0490	6-Apr-09	Operational	
				Total :	0.120	0.096									
33	38	HAPONAN DPP, Camarines Sur (4 hours operation) 6:00PM-10:00PM (CASURECO IV)	1	CUMMINS	0.035	0.028	6,821.000	0.0000	0.0000	0.0000	0.0280	0.0000	29-Jul-09	Operational	No operation: on standby: CASURECO IV requested to stop its operation due to low collection efficiency
				Total :	0.035	0.028									
34	39	QUINALASAG DPP, Camarines Sur (8 hours operation) 4:00PM-12:00MN (CASURECO IV)	1	CUMMINS	0.150	0.120	9,513.000	0.0920	0.0120	0.0478	0.0280	0.0920	14-Dec-09	Operational	
				Total :	0.150	0.120									
35	40	ATULAYAN DPP, Camarines Sur (6 hours operation) 5:00PM-11:00PM (CASURECO IV)	1	CUMMINS	0.022	0.018	3,817.300	0.0071	0.0014	0.0043	0.0109	0.0071	1-Jun-14	Operational	
				Total :	0.022	0.018									
<b>C. MINDORO/ROMBLON AREA:</b>															
<b>Oriental Mindoro Grid</b>															
	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	
	NPP	Mindoro Grid Corporation (Calapan)	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									
<b>Occidental Mindoro (San Jose) Grid</b>															
37	41	PULANG LUPA DPP, Occidental Mindoro (24 hours operation) (OMECCO) MONARK EQUIPMENT CORP. (RENTAL)	1	MONARK-(RENTAL)	7.200	6.300	21,401.850						1-Oct-13	Operational	Contracted Capacity: 6 MW Contract Period: 25 Sep 2015 to 24 Sep 2016
			2	MONARK	4.600	4.000	10,799.960						4-Dec-13	Operational	Contracted Capacity: 2.5 MW Contract Period: 13 Jun 2015 to 12 Jun 2016 (extended)
			3	MONARK	3.500	2.600	4,482.130						17-Jun-15	Operational	Contracted Capacity: 4 MW (San Jose S/S) Contract Period: 24 Dec 2014 to 23 Jun 2016 (extended)
				Sub-total	15.300	12.900									
				Total Occ. Min. (San Jose) Grid :	18.900	12.900		12.900	6.291	8.889	0.000	12.900			
38	43	MAMBURAO DPP, Occidental Mindoro (24 hours operation) (OMECCO) MONARK EQUIPMENT CORP. (RENTAL)	1	CAT-RENTAL	1.380	1.250	8,072.000						1-Jan-15	Operational	Contracted Capacity: 4.5 MW
			2	CAT-RENTAL	1.380	1.250	1,591.000						1-Jan-15	Operational	Contract Period: 25 Mar 2016 to 24 Mar 2017
			3	CAT-RENTAL	0.910	0.750	2,998.000						1-Jan-15	Operational	
			4	CAT-RENTAL	0.910	0.750	3,199.000						1-Jan-15	Operational	
			5	CAT-RENTAL	1.380	1.250	10,872.000						1-Jan-15	Operational	
				Total Occ. Min. (MAPSA) Grid :	5.960	5.250		4.100	2.100	2.944	1.150	4.200			

**SMALL POWER UTILITIES GROUP**  
**POWER PLANTS/POWER BARGES OPERATIONAL REPORT FOR EXISTING AREAS**  
 As of March 25, 2016

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 (2016)	COMM'NG DATE	STATUS	REMARKS	
			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)						
39	44	LUBANG DPP, Occidental Mindoro (24 hours operation) (LUBELCO)	1	CXZ-MAN	0.500	0.400	30,726.000						25-Mar-08	Operational		
			2	CXZ-MAN	0.500	0.400	33,616.000						25-Mar-08	Operational		
			3	CUMMINS	0.700	0.600	26,463.810						8-Jun-09	Operational		
			5	CUMMINS	0.724	0.550	420.000						14-Feb-16	Operational		
			<b>Total :</b>			<b>2.428</b>	<b>1.950</b>		<b>0.795</b>	<b>0.290</b>	<b>0.469</b>	<b>1.155</b>	<b>0.795</b>			
40	45	CABRA DPP, Occidental Mindoro (8 hours operation) 4:00AM-6:00AM/5:00PM-11:00PM (LUBELCO)	1	CUMMINS	0.060	0.055	5,122.330						1-Dec-12	Operational		
			2	CUMMINS	0.060	0.055	2,098.000						1-Dec-12	Operational		
			3	PERKINS	0.060	0.040	707.300						1-Jan-10	Operational		
			<b>Total :</b>			<b>0.180</b>	<b>0.150</b>		<b>0.0400</b>	<b>0.0130</b>	<b>0.0247</b>	<b>0.1100</b>	<b>0.040</b>			
41	46	TINGLOY DPP, Batangas (12 hours operation) 12:00NN-12:00MN (BATELEC II)	1	DALE-PERKINS	0.163	0.000	0.000						24-Dec-94	Unoperational	For decommissioning	
			2	DALE-PERKINS	0.260	0.150	29,961.320						24-Dec-94	Operational		
			3	DALE-PERKINS	0.260	0.150	39,867.580						24-Dec-94	Operational		
			4	MAN CXZ	0.500	0.375	25,723.970						24-Aug-09	Operational		
			<b>Total :</b>			<b>1.183</b>	<b>0.675</b>		<b>0.550</b>	<b>0.280</b>	<b>0.382</b>	<b>0.125</b>	<b>0.550</b>			
42	47	Romblon (Mainland) Grid ROMBLON DPP, Romblon (24 hours operation) (ROMELCO)	1	TIDE-POWER	0.600	0.400	14,535.390						8-Oct-08	Operational		
			2	FG WILSON	0.600	0.400	25,855.000						10-Dec-08	Operational		
			3	FG WILSON	0.600	0.400	16,335.400						29-Nov-08	Operational		
			4	FG-WILSON	0.600	0.000	0.000						25-Apr-07	Unoperational	Unoperational due to defective crankshaft; for reinstallation; tentative restoration on April 2016	
			<b>Sub-total (owned)</b>			<b>2.400</b>	<b>1.200</b>									
			5	CAT-RENTAL	1.000	1.000	0.000							5-Jul-14	Operational	Note: error entry in MOR - contract expired already
			6	CAT-RENTAL	0.500	0.500	0.000							5-Jul-14	Operational	Removed rental units in Romblon DPP; replaced by PB 114
			<b>Sub-total (rental)</b>			<b>1.500</b>	<b>1.500</b>									
			<b>Total :</b>			<b>3.900</b>	<b>2.700</b>									
			43	48	POWER BARGE 114, Romblon (24 hours operation) MONARK RENTAL (ROMELCO)	2	FG WILSON	0.650	0.400	26,371.800						1-Jun-09
4	FG WILSON	0.650				0.400	26,135.000						3-May-10	Operational		
<b>Sub-total (owned)</b>						<b>1.300</b>	<b>0.800</b>									
5	CAT-RENTAL	0.500				0.400	1,867.000							6-Jan-16	Operational	Contracted Capacity: 0.6 MW
6	CAT-RENTAL	0.500				0.400	1,858.000							6-Jan-16	Operational	Contract Period: 5 Jan 2016 to 4 Jan 2017
7	CAT-RENTAL	0.500				0.400	11,321.000							6-Jan-16	Operational	
<b>Sub-total (rental)</b>						<b>1.500</b>	<b>1.200</b>									
<b>Total :</b>						<b>2.800</b>	<b>2.000</b>									
<b>Total Romblon (Mainland) Grid :</b>			<b>6.700</b>	<b>4.700</b>		<b>1.623</b>	<b>0.701</b>	<b>0.978</b>	<b>3.077</b>	<b>1.774</b>						
43	49	Romblon (Tablas Island) Grid TABLAS DPP, Romblon (24 hours operation) (TIELCO) MONARK EQUIPMENT CORP. (RENTAL)	4	MAN	0.500	0.350	173,674.780						1-Dec-83	Operational		
			5	MAN	0.500	0.000	0.000						1-Dec-83	Unoperational	On standby; Note: Error data in MOR - dependable capacity	
			6	MAN	0.500	0.000	0.000						1-Nov-83	Unoperational	On standby; Note: Error data in MOR - dependable capacity	
			<b>Sub-total (owned)</b>			<b>1.500</b>	<b>0.350</b>									
			2	RENTAL-CATERPILLAR	1.000	0.800	7,157.420							1-Mar-13	Operational	Contracted Capacity: 1.8 MW
			3	RENTAL-CATERPILLAR	1.500	1.000	7,354.070							6-Jul-14	Operational	Contract Period: 19 Apr 2015 to 30 Apr 2016
			4	RENTAL-CATERPILLAR	1.500	1.000	10,303.600							1-Mar-13	Operational	
<b>Sub-total (rental)</b>			<b>4.600</b>	<b>3.300</b>												
<b>Total :</b>			<b>6.100</b>	<b>3.650</b>												
43	1	POWER BARGE 109, Romblon (24 hours operation) (TIELCO)	1	PERKINS	0.600	0.500	9,085.000						3-Dec-13	Operational		
			3	FG WILSON	0.600	0.500	19,348.000						22-Sep-08	Operational		
			<b>Sub-total</b>			<b>1.200</b>	<b>1.000</b>									
<b>Total Tablas Is. (NPC) Grid :</b>			<b>7.300</b>	<b>4.650</b>												
NPP		Sun West Water & Electric Corp. (SUWECO)	1	Hydro	8.800	8.000						2015	Operational			
<b>Total Tablas Is. Grid :</b>			<b>16.100</b>	<b>12.650</b>		<b>5.499</b>	<b>2.704</b>	<b>*</b>	<b>7.151</b>	<b>5.499</b>				No submitted data from NPP		

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As of March 25, 2016

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)							
44	2	SIBUYAN DPP, Romblon  (24 hours operation)  (ROMELCO)	1	DALE-PERKINS	0.260	0.130	66,877.520						28-Mar-92	Operational			
			2	DALE-PERKINS	0.260	0.000	0.000						16-Jun-92	Unoperational	Unoperational since 06 January 2015; for generator rotor machining; awaiting for spare parts; no tentative date of restoration		
			4	DALE-PERKINS	0.163	0.130	58,799.050						2-May-97	Operational			
			6	Caterpillar	0.600	0.000	0.000						16-Feb-05	Unoperational	On standby; Note: Error data in MOR - dependable capacity		
			7	MAN	0.500	0.450	22,784.260						30-Dec-07	Operational			
			8	MAN	0.500	0.400	30,933.390						31-Dec-07	Operational			
			Sub-total					2.283	1.110								
			Hydro					0.900	0.900							Operational	
Total Grid :					3.183	2.010		0.970	0.306	0.548	1.040	0.970					
45	3	BANTON DPP, Romblon (8 hours operation) 4:30AM-6:30AM/5:00PM-11:00PM (ROMELCO)	1	DALE-PERKINS	0.163	0.145	31,732.190						7-Apr-99	Operational			
			2	DALE-PERKINS	0.163	0.145	29,562.160						16-Apr-96	Operational			
			Total :					0.326	0.290		0.179	0.070	0.111	0.111	0.179		
46	4	SAN JOSE DPP, Romblon (12 hours operation) 4:00AM-6:00AM/1:00PM-11:00PM (TIELCO)	1	DALE-PERKINS	0.163	0.140	12,950.800						1-Dec-04	Operational			
			2	DALE-PERKINS	0.163	0.140	45,320.850						1-May-97	Operational			
			3	CATERPILLAR(228KW)	0.228	0.140	21,687.500						1-Jul-07	Operational			
			Total :					0.554	0.420		0.343	0.131	0.223	0.077	0.343		
47	5	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	0.130	23,215.000						30-Jan-97	Operational			
			3	MAN	0.500	0.400	21,519.020						20-Apr-07	Operational			
			Total :					0.663	0.530		0.350	0.090	0.209	0.180	0.350		
48	6	CONCEPCION DPP, Romblon (8 hours operation) 4:30AM-7:00AM/5:00PM-10:30PM (LGU Concepcion)	1	DALE-PERKINS	0.163	0.145	32,179.200						11-Mar-97	Operational			
			2	DALE-PERKINS	0.163	0.145	31,263.900						1-Jan-01	Operational			
			Total :					0.326	0.290		0.175	0.070	0.118	0.115	0.180		
49	NPP	D. PALAWAN AREA : Palawan (Mainland) Grid Palawan Power Generation, Inc. (Puerto Princesa)	1	Bunker	14.000	7.270							2008 & 2010	Operational			
			1	Bunker	5.000	4.500							2008 & 2010	Operational			
			1	Diesel	31.450	20.880							2013	Operational			
			1	DMCI Power Corporation	16.000	13.500							2009	Operational			
			1	Delta P	66.450	46.150											
50	7	EL NIDO DPP, Palawan  (24 hours operation)  (PALECO)  MONARK EQUIPMENT CORP. (RENTAL)	1	PERKINS	0.600	0.000	0.000						1-Mar-15	Unoperational	TPI Genset- on standby awaiting clearance for its commercial operation.		
			2	PERKINS	0.600	0.000	0.000						1-Mar-15	Unoperational	TPI Genset- on standby awaiting clearance for its commercial operation.		
			3	MAN	0.500	0.400	24,449.710						14-Apr-09	Operational			
			4	TIDE POWER	0.675	0.675	16,539.320						10-Sep-09	Operational			
			Sub-total (owned)					1.175	1.075								
			8	CAT-RENTAL	0.500	0.490	1,975.000							1-Apr-14	Operational	Contracted Capacity: 1 MW	
			10	CAT-RENTAL	1.000	0.950	5,259.000							4-May-15	Operational	Contract Period: 19 Apr 2015 to 18 Apr 2016	
			11	CAT-RENTAL	1.000	0.850	7,251.000							4-May-15	Operational		
			Sub-total (rental)					2.500	2.290		2.049	1.278	1.386	1.316	2.049		
			Total :					3.675	3.365		2.049	1.278	1.386	1.316	2.049		

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 As of March 25, 2016

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)							
51	8	TAYTAY DPP, Palawan (24 hours operation) (PALECO) MONARK EQUIPMENT CORP. (RENTAL)	2	DALE-PERKINS	0.260	0.180	39,965.000						20-May-92	Operational			
			3	MAN CXZ	0.500	0.400	29,676.000						4-Jun-09	Operational			
			Sub-total (owned)				0.760	0.580									
			5	MONARK-RENTAL	0.455	0.450	6,511.000							2-Oct-14	Operational	Contracted Capacity: 0.6 MW	
			6	MONARK-RENTAL	0.455	0.450	6,210.000							2-Oct-14	Operational	Contract Period: 02 Apr 2015 to 01 Apr 2016	
			Sub-total				0.910	0.900									New Contract: 14 Apr 2016 to 13 Apr 2017
Total :				1.670	1.480		0.825	0.275	0.541	0.655	0.825						
52	9	SAN VICENTE DPP, Palawan (24 hours operation) (PALECO)	1	DALE-PERKINS(PAL)	0.163	0.120	35,535.810						19-Jan-95	Operational			
			2	CUMPER-LGU	0.300	0.250	6,116.300						23-Dec-14	Operational			
			3	DALE-PERKINS(PAL)	0.260	0.220	75,498.430						22-Apr-02	Operational			
			4	MAN CXZ	0.500	0.400	40,323.640						14-Nov-08	Operational			
			Total :				1.223	0.990		0.566	0.227	0.370	0.424	0.566			
53	10	RIZAL DPP, Palawan (24 hours operation) (PALECO)	1	DALE-PERKINS	0.260	0.230	46,104.640						3-Aug-93	Operational			
			2	JOHN DEERE-CUMPER	0.256	0.210	32,563.000						17-Dec-07	Operational			
			3	DALE-PERKINS	0.163	0.130	27,009.020						3-Aug-93	Operational			
			4	FG WILSON-PERKINS	0.300	0.000	576.180						29-Dec-15	Unoperational	Unoperational since 16 Feb 2016 due to defective main circuit breaker; burnt out wiring terminal unit under warranty; awaiting for the arrival of circuit breaker ordered from the manufacturer		
			Total :				0.979	0.570		0.313	0.130	0.165	0.257	0.313			
54	NPP	Other Islands in Palawan															
		Calamian Island Power Corp. (Busuanga)	1	Diesel	8.120	7.720							2013	Operational			
55	NPP	Calamian Island Power Corp. (Coron)															
		1	Diesel	0.700								2013	Operational				
56	QTP	Power Source Philippines, Rio Tuba															
		1	Diesel	1.690	0.590							2010	Operational				
Total :				1.690	0.590												
56	11	CULION DPP, Palawan (24 hours operation) (BISELCO)	1	DALE-PERKINS	0.163	0.150	46,704.170						29-Aug-98	Operational			
			2	DALE-PERKINS	0.260	0.200	72,618.800						12-Dec-92	Operational			
			3	DALE-PERKINS	0.260	0.200	81,224.130						26-Feb-15	Operational			
			4	DALE-PERKINS	0.260	0.200	73,952.330						26-Feb-15	Operational			
			5	FG-WILSON	0.260	0.120	8,044.700						6-Jun-08	Operational			
			Total :				1.203	0.870		0.410	0.166	0.263	0.460	0.430			
57	12	LINAPACAN DPP, Palawan (12 hours operation) 12:00NN-12:00MN (BISELCO)	2	VISA-PERKINS	0.054	0.045	20,019.530						19-Sep-02	Operational	On standby		
			3	PERKINS	0.105	0.000	13,573.890						17-Sep-11	Unoperational	For replacement of defective injection pump assembly and repair of water pump. No date of restoration		
			4	DALE-PERKINS	0.163	0.150	33,865.140						9-Feb-92	Operational			
			Total :				0.322	0.195		0.099	0.038	0.081	0.096	0.099			
58	13	CUYO DPP, Palawan (24 hours operation) (PALECO)	1	MAN-CXZ	0.500	0.400	39,184.360						1-Apr-08	Operational			
			2	MAN-CXZ	0.500	0.400	30,807.940						1-Apr-08	Operational			
			3	MAN-CXZ	0.500	0.400	39,558.480						1-Apr-08	Operational			
			4	MAN-CXZ	0.500	0.400	41,907.450						1-Apr-08	Operational			
			Total :				2.000	1.600		1.175	0.245	0.710	0.425	1.175			
59	14	ARACELI DPP, Palawan (16 hours operation) 9:00AM-1:00AM (PALECO)	1	DALE-PERKINS	0.163	0.150	59,571.990						19-Jun-95	Operational			
			2	DALE-PERKINS	0.163	0.150	16,268.660						16-Jul-93	Operational			
			3	DALE-PERKINS	0.260	0.250	42,905.520						9-Feb-92	Operational			
			Total :				0.586	0.550		0.155	0.050	0.098	0.395	0.155			



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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
60	15	BALABAC DPP, Palawan (8 hours operation) 4:00PM-12:00MN (PALECO)	1	DALE-PERKINS	0.163	0.150	21,051.560						1-Apr-03	Operational	
			2	DALE-PERKINS	0.163	0.150	43,038.980						5-Feb-97	Operational	
			Total :		0.326	0.300		0.164	0.054	0.126	0.136	0.167			
61	16	CAGAYANCILLO DPP, Palawan (8 hours operation) 4:00PM-12:00MN (PALECO)	1	DALE-PERKINS	0.163	0.160	41,502.310						14-Aug-97	Operational	
			Total :		0.163	0.160		0.118	0.031	0.079	0.042	0.120			
62	17	AGUTAYA DPP, Palawan (8 hours operation) 4:00PM-12:00MN (PALECO)	1	DALE-PERKINS	0.163	0.150	4,321.440						20-Dec-10	Operational	
			2	DALE-PERKINS	0.163	0.150	29,921.440						5-Jun-98	Operational	
			Total :		0.326	0.300		0.097	0.034	0.067	0.203	0.097			
II. SPUG - VISAYAS :															
63	NPP	A. WESTERN VISAYAS AREA: Bantayan Island Power Corporation	1	Bunker	8.340	4.890							2015	Operational	
			Total :		8.340	4.890									
64	OTP	Power Source Philippines (Malapascua, Cebu)	1	Diesel/Solar	1.050	0.930							2014	Operational	
			Total :		1.050	0.930									
65	18	GUINTARCAN DPP, Cebu (8 hours operation) 4:00PM-12:00MN (BANELCO)	1	KUMATSU	0.100	0.080	11,256.500						21-Sep-07	Operational	
			2	DALE-PERKINS	0.163	0.120	34,896.610						5-Mar-93	Operational	
			Total :		0.263	0.200		0.118	0.040	0.081	0.082	0.120			
66	19	DOONG DPP, Cebu (8 hours operation) 4:00PM-12:00MN (BANELCO)	1	DALE-PERKINS	0.163	0.114	28,054.370						25-Apr-93	Operational	
			2	DALE-PERKINS	0.163	0.114	189.630						25-Apr-93	Operational	
			Total :		0.326	0.228		0.195	0.057	0.089	0.033	0.195			
67	NPP	Siquijor Grid Siquijor Island Power Corporation	1	Bunker	6.464	6.464							10-Feb-15	Operational	
			Total :		6.464	6.464									
67	21	POWER BARGE 116	1	DALE-PERKINS	0.560	0.000	48,731.010						17-Jun-93	Unoperational	Operations in Siquijor Island was taken over by NPP-SIPCOR last February 10, 2015; Gensets are currently unoperational and cannibalized to repair other gensets of other SPUG plants.
			2	DALE-PERKINS	0.560	0.000	41,205.570						17-Jun-93	Unoperational	
			3	DALE-PERKINS	0.560	0.000	16,674.330						6-Dec-93	Unoperational	
			7	PERKINS	0.600	0.000	3,411.390						1-Dec-13	Unoperational	
			Total :		2.280	0.000		0.000	0.000	0.000	0.000	0.000			
68	22	GIGANTES DPP, Iloilo (8 hours operation) 3:00PM- 11:00PM (IECO III)	1	DALE-PERKINS	0.163	0.114	25,092.170						17-Apr-97	Operational	
			2	DALE-PERKINS	0.163	0.114	21,071.900						23-Aug-07	Operational	
			Total :		0.326	0.228		0.170	0.042	0.123	0.058	0.170			
69	23	CALUYA DPP, Antique (24 hours operation)  (ANTECO)	1	DALE-PERKINS	0.163	0.114	40,020.920						21-Sep-92	Operational	
			2	DALE-PERKINS	0.163	0.114	41,659.720						21-Sep-92	Operational	
			5	CUMMINS-STAMFORD	0.364	0.000	5,615.500						8-May-14	Unoperational	LGU owned genset; unoperational since September 2015 due to defective exciter rotor; for replacement of generator; tentative date of restoration - last week of March 2016
			6	CUMMINS-FILGEN	0.320	0.224	3,041.630						30-May-15	Operational	
			7	CUMMINS-FILGEN	0.320	0.224	1,728.940						30-May-15	Operational	
Total :		1.330	0.676		0.295	0.072	0.174	0.381	0.295						

**SMALL POWER UTILITIES GROUP**  
**POWER PLANTS/POWER BARGES OPERATIONAL REPORT FOR EXISTING AREAS**  
As of March 25, 2016

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 (2016)	COMM'NG DATE	STATUS	REMARKS		
			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)							
70	24	<b>B. EASTERN VISAYAS AREA:</b> <b>CAMOTES DPP, Cebu</b> (24 hours operation) (CELCO)	1	MAN B&W	0.300	0.185	154,517.180						8-Feb-88	Operational			
			2	MAN B&W	0.300	0.150	141,243.610						8-Feb-88	Operational	On standby		
			3	DALE-PERKINS	0.560	0.300	27,325.480							1-Nov-04	Operational		
			5	MAN CXZ	0.528	0.380	96,210.120							2-Mar-02	Operational		
			6	MAN CXZ	0.500	0.350	64,597.600							2-May-07	Operational		
			7	MAN	0.500	0.390	48,526.960							1-Dec-13	Operational		
			<b>Sub-total</b>			<b>2.688</b>	<b>1.755</b>										
71	25	<b>POWER BARGE 113, Cebu</b> back-up (CELCO)	1	mitsubishi	0.750	0.350	14,946.200						7-Sep-08	Operational			
			2	mitsubishi	0.750	0.450	20,702.200							14-Jul-08	Operational		
			6	PERKINS	0.600	0.450	6,389.530							1-Dec-13	Operational		
			<b>Sub-total</b>			<b>2.100</b>	<b>1.250</b>										
<b>Total-Grid</b>			<b>4.788</b>	<b>3.005</b>		<b>2.336</b>	<b>1.064</b>	<b>1.354</b>	<b>0.669</b>	<b>2.336</b>							
71	26	<b>PILAR DPP, Cebu</b> (18 hours operation) 11:00AM-5:00AM (CELCO)	1	DALE-PERKINS	0.163	0.114	42,385.890							3-Nov-93	Operational		
			2	DALE-PERKINS	0.163	0.114	40,911.540							3-Nov-93	Operational		
			3	DALE-PERKINS	0.250	0.175	38,650.100							13-Dec-04	Operational	Under mechanical maintenance	
			4	PERKINS	0.410	0.287	294.100							4-Mar-16	Operational		
<b>Total :</b>			<b>0.986</b>	<b>0.690</b>		<b>0.315</b>	<b>0.080</b>	<b>0.174</b>	<b>0.375</b>	<b>0.380</b>							
72	27	<b>MARIPIPI DPP, Biliran</b> (12 hours operation) 12:00PM-12:00MN (MMPC)	1	DALE-PERKINS	0.163	0.114	45,743.640							26-Sep-94	Operational		
			2	DALE-PERKINS	0.163	0.114	44,001.200							26-Sep-94	Operational		
			3	CUMMINS	0.150	0.105	13,290.740							19-Oct-98	Operational		
<b>Total :</b>			<b>0.476</b>	<b>0.333</b>		<b>0.204</b>	<b>0.065</b>	<b>0.132</b>	<b>0.129</b>	<b>0.204</b>							
73	28	<b>LIMASAWA DPP, Leyte</b> (12 hours operation) 1:00PM-1:00AM (SOLECO)	1	DALE-PERKINS	0.163	0.120	37,384.810							26-Jul-95	Operational		
			2	DALE-PERKINS	0.163	0.120	21,012.740							24-Jul-02	Operational		
<b>Total :</b>			<b>0.326</b>	<b>0.240</b>		<b>0.165</b>	<b>0.045</b>	<b>0.098</b>	<b>0.075</b>	<b>0.175</b>							
74	29	<b>ZUMARRAGA DPP, Western Samar</b> (24 hours operation) (SAMELCO II)	1	DALE-PERKINS	0.163	0.000	0.000							14-Jun-94	Unoperational	Unoperational since 04 Feb 2016 due to burnt generator stator after conducting 5K PMS test and commissioning; tentative date of restoration is on 05 May 2016	
			2	DALE-PERKINS	0.163	0.114	30,559.250							13-Sep-94	Operational		
			3	DALE PERKINS	0.163	0.114	35,609.800							14-Jun-09	Operational		
			4	PERKINS	0.100	0.070	6,734.350							1-Mar-09	Operational		
<b>Total :</b>			<b>0.589</b>	<b>0.298</b>		<b>0.290</b>	<b>0.058</b>	<b>0.128</b>	<b>0.008</b>	<b>0.299</b>							
75	30	<b>TAGAPUL-AN DPP, Western Samar</b> (8 hours operation) 4:00PM-12:00MN (SAMELCO I)	1	DALE-PERKINS	0.163	0.114	19,506.290							3-Aug-96	Operational		
			2	DALE-PERKINS	0.100	0.000	0.000								8-Feb-09	Unoperational	Unoperational since 19 June 2014 due to defective injection pump; tentative date of restoration is on April 2016 or upon the availability of TS personnel
<b>Total :</b>			<b>0.263</b>	<b>0.114</b>		<b>0.088</b>	<b>0.030</b>	<b>0.058</b>	<b>0.026</b>	<b>0.092</b>							
76	31	<b>ALMAGRO DPP, Western Samar</b> (8 hours operation) 4:00PM-12:00MN (SAMELCO I)	1	PERKINS	0.163	0.114	32,492.890							5-Apr-97	Operational		
			3	DALE-PERKINS	0.100	0.080	9,975.560								18-Sep-09	Operational	
<b>Total :</b>			<b>0.263</b>	<b>0.194</b>		<b>0.079</b>	<b>0.025</b>	<b>0.056</b>	<b>0.115</b>	<b>0.090</b>							
77	32	<b>STO. NIÑO DPP, Western Samar</b> (8 hours operation) 3:30PM-11:30PM (SAMELCO I)	1	DALE-PERKINS	0.163	0.135	26,353.200							28-Feb-97	Operational		
			3	DALE-PERKINS	0.100	0.000	0.000								12-Mar-09	Unoperational	Transferred to Libucan DPP last 29 May 2015
<b>Total :</b>			<b>0.163</b>	<b>0.135</b>		<b>0.116</b>	<b>0.033</b>	<b>0.083</b>	<b>0.019</b>	<b>0.135</b>							
78	33	<b>SAN ANTONIO DPP, Northern Samar</b> (18 hours operation) 12:00NN-6:00AM (NORSAMELCO)	1	DALE-PERKINS	0.163	0.115	40,704.340							1-Nov-96	Operational		
			2	DALE-PERKINS	0.250	0.170	41,959.550								1-Nov-96	Operational	
			3	DALE-PERKINS	0.163	0.000	0.000								5-Jun-05	Unoperational	Under maintenance last 27 July 2015 (overdue for PMS); rotor and stator for rewinding; spare parts still not available; No date of restoration
<b>Total :</b>			<b>0.576</b>	<b>0.285</b>		<b>0.264</b>	<b>0.046</b>	<b>0.114</b>	<b>0.021</b>	<b>0.264</b>							

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As of March 25, 2016

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 (2016)	COMM'SNG DATE	STATUS	REMARKS	
			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)						
79	34	CAPUL DPP, Northern Samar (8 hours operation) 4:00PM-12:00MN (NORSAMELCO)	1	DALE-PERKINS	0.163	0.114	32,072.980						1-Jul-95	Operational		
			2	DALE-PERKINS	0.163	0.114	31,243.820							1-Jul-95	Operational	
			Total :		0.326	0.228		0.227	0.080	0.164	0.001	0.227				
80	35	SAN VICENTE DPP, Northern Samar (8 hours operation) 5:00PM-1:00AM (NORSAMELCO)	1	DALE-PERKINS(VIS)	0.163	0.160	26,514.100						26-May-97	Operational		
			2	PERKINS(VIS)	0.100	0.098	11,466.260							12-Mar-09	Operational	
			Total :		0.263	0.258		0.078	0.040	0.052	0.180	0.079				
81	36	BIRI DPP, Northern Samar (12 hours operation) 12:00NN-12:00MN (NORSAMELCO)	1	DALE-PERKINS	0.163	0.114	30,728.320						4-Dec-97	Operational		
			2	DALE-PERKINS	0.163	0.114	36,952.430							6-Dec-97	Operational	
			3	DALE PERKINS	0.163	0.114	17,230.200							12-Aug-09	Operational	On standby, awaiting for the delivery of the rewinded main generator stator
Total :		0.489	0.342		0.192	0.056	0.127	0.150	0.192							
82	37	BATAG DPP, Northern Samar (6 hours operation) 5:00PM-11:00PM (NORSAMELCO)	1	CUMMINS	0.050	0.035	0.000						19-Mar-13	Operational	Note: Error data in MOR - Min and Ave Load	
			Total :		0.050	0.035		0.030	0.012	0.000	0.005	0.030				
			Total :		0.050	0.035		0.030	0.012	0.000	0.005	0.030				
83	38	BAGONGBANWA DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.038	0.027	31,823.000						23-Dec-99	Operational		
			Total :		0.038	0.027		0.0193	0.0046	0.0167	0.0073	0.0212				
			Total :		0.038	0.027		0.0193	0.0046	0.0167	0.0073	0.0212				
84	39	BALICASAG DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.038	0.027	31,999.550						23-Dec-99	Operational		
			Total :		0.038	0.027		0.0270	0.0150	0.0264	0.0000	0.0270				
			Total :		0.038	0.027		0.0270	0.0150	0.0264	0.0000	0.0270				
85	40	BATASAN DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.056	0.039	34,486.500						23-Dec-99	Operational		
			Total :		0.056	0.039		0.0157	0.0041	0.0112	0.0235	0.0161				
			Total :		0.056	0.039		0.0157	0.0041	0.0112	0.0235	0.0161				
86	41	BILANGBILANGAN DPP, Bohol (4 hours operation) 6:00PM-10:00MN (BOHECO I)	1	PERKINS	0.020	0.014	28,845.250						23-Dec-99	Operational		
			Total :		0.020	0.014		0.0082	0.0022	0.0070	0.0058	0.0082				
			Total :		0.020	0.014		0.0082	0.0022	0.0070	0.0058	0.0082				
87	42	CUAMING DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.086	0.060	31,335.500						23-Oct-99	Operational		
			Total :		0.086	0.060		0.0390	0.0160	0.0327	0.0212	0.0410				
			Total :		0.086	0.060		0.0390	0.0160	0.0327	0.0212	0.0410				
88	43	HAMBONGAN DPP, Bohol (4 hours operation) 6:00PM-10:00PM (BOHECO I)	1	PERKINS	0.020	0.014	28,701.700						23-Dec-99	Operational		
			Total :		0.020	0.014		0.0096	0.0036	0.0091	0.0044	0.0099				
			Total :		0.020	0.014		0.0096	0.0036	0.0091	0.0044	0.0099				
89	44	MANITAO DPP, Bohol (4 hours operation) 6:00PM-10:00PM (BOHECO I)	1	PERKINS	0.038	0.027	27,965.710						23-Dec-99	Operational		
			Total :		0.038	0.027		0.0160	0.0080	0.0156	0.0106	0.0170				
			Total :		0.038	0.027		0.0160	0.0080	0.0156	0.0106	0.0170				
90	45	MOCABOC DPP, Bohol (5 hours operation) 6:00PM-11:00PM (BOHECO I)	1	CUMMINS	0.020	0.014	32,307.000						23-Dec-99	Operational		
			Total :		0.020	0.014		0.0094	0.0027	0.0078	0.0046	0.0103				
			Total :		0.020	0.014		0.0094	0.0027	0.0078	0.0046	0.0103				
91	46	PAMILACAN DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.056	0.039	32,572.870						23-Dec-99	Operational		
			Total :		0.056	0.039		0.0270	0.0130	0.0256	0.0122	0.0290				
			Total :		0.056	0.039		0.0270	0.0130	0.0256	0.0122	0.0290				

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
92	47	PANGAPASAN DPP, Bohol (5 hours operation) 6:00PM-11:00PM (BOHECO I)	1	PERKINS	0.015	0.014	29,109.000				0.0009	0.0127	23-Dec-99	Operational	
				Total :	0.015	0.014		0.0126	0.0049	0.0096					
93	48	UBAY DPP, Bohol (5 hours operation) 6:00PM-11:00PM (BOHECO I)	1	KUBOTA	0.012	0.008	7,383.000				0.0040	0.0048	23-Dec-99	Operational	
				Total :	0.012	0.008		0.0044	0.0020	0.0036					
94	49	CABUL-AN DPP DPP, Bohol (6 hours operation) 6:00PM-12:00MN (BOHECO I)	1	CUMMINS	0.064	0.056	3,982.400				0.0013	0.0550	14-Nov-13	Operational	
				Total :	0.064	0.056		0.0550	0.0260	0.0460					
<b>iii. SPUG - MINDANAO :</b>															
<b>A. WESTERN MINDANAO AREA:</b>															
<b>Basilan Grid</b>															
95	50	BASILAN DPP, Basilan (24 hours operation) (BASELCO)	1	CKD	1.224	0.800	19,843.300						7-Sep-98	Operational	
			4	CUMMINS	0.545	0.430	4,940.310						3-Aug-11	Operational	
			5	CUMMINS	0.545	0.430	7,104.040						3-Aug-11	Operational	
			6	CUMMINS	0.545	0.430	5,722.410						3-Aug-11	Operational	
				Sub-total (owned)	2.859	2.090							25-Sep-13		
		MONARK EQUIPMENT CORP. (RENTAL)	7	CATERPILLAR-RENTAL	1.500	1.000	19,889.000						25-Sep-13	Operational	Contracted Capacity: 2 MW
			8	CATERPILLAR-RENTAL	1.500	1.000	17,018.640						25-Sep-13	Operational	Contract Period: 01 Aug 2015 to 31 Jul 2016
			9	CATERPILLAR-RENTAL	1.500	1.000	22,520.000						25-Sep-13	Operational	Contracted Capacity: 1.5 MW
			13	CATERPILLAR-RENTAL	0.600	0.500	5,800.000						25-Sep-13	Operational	Contract Period: 04 Dec 2015 to 03 Dec 2016
			14	CATERPILLAR-RENTAL	1.000	0.750	643.000						24-Feb-16	Operational	Contracted Capacity: 1.5 MW
			15	CATERPILLAR-RENTAL	1.000	0.750	523.000						24-Feb-16	Operational	Contract Period: 24 Feb 2016 to 23 Feb 2017
				Sub-total (rental)	7.100	5.000									
				Total :	9.959	7.090									
95	51	POWER BARGE 119, Basilan (24 hours operation) (BASELCO)	1	DAIHATSU	1.800	1.300	84,689.750						1-Jun-95	Operational	
			3	DAIHATSU	1.800	1.300	117,356.120						1-Jun-95	Operational	
			4	DAIHATSU	1.800	1.300	112,709.250						1-Jun-95	Operational	
				Sub-total	5.400	3.900									
				Total Basilan Grid :	15.359	10.990		8.383	4.689	*	2.607	8.383			* - no data from Coop Mini Hydro
96	52	JOLO DPP, Sulu (24 hours operation) (SULECO)	1	DAIHATSU	1.800	1.150	144,639.810						1-May-95	Operational	
			3	DAIHATSU	1.800	1.250	154,074.760						2-May-95	Operational	
				Sub-total (owned)	3.600	2.400									
		MONARK EQUIPMENT CORP. (RENTAL)	4	CAT-RENTAL	1.000	0.800	58.410						22-Mar-16	Operational	Contracted Capacity: 3 MW
			5	CAT	1.500	1.100	5,791.780						22-Oct-08	Operational	Contract Period: 17 Jan 2016 to 16 Jan 2017 (extended)
			6	CAT	1.500	1.100	12,028.250						26-Dec-12	Operational	
			7	CAT	1.500	1.100	2,457.670						26-Dec-12	Operational	Contracted Capacity: 3 MW
			8	CAT-RENTAL	1.500	1.100	7,677.610						1-Jun-14	Operational	Contract Period: 25 Jul 2015 to 24 Jul 2016
			9	CAT-RENTAL	1.500	1.100	11,882.470						1-Jun-14	Operational	
			10	CAT-RENTAL	1.500	1.100	6,798.120						5-Mar-14	Operational	
			11	CAT-RENTAL	0.600	0.480	8,639.360						1-Jun-14	Operational	
			12	CAT-RENTAL	0.600	0.480	7,615.880						1-Sep-14	Operational	
				Sub-total (rental)	11.200	8.360									
				Total :	14.800	10.760		8.070	4.580	6.109	2.690	8.180			

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As of March 25, 2016

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)							
97	53	LUUK DPP, Sulu  (8 hours operation) 6:00PM-2:00AM (SULECO)	1	CAT	0.175	0.000	0.000						14-Jun-06	Unoperational	Under Preventive Maintenance Schedule: unavailable spare parts; PR still on process; no tentative date of restoration; Note: SULECO requested to stop the operation of Luuk DPP last 10 Oct 2015 due to low collection efficiency		
			3	CUMMINS	0.150	0.000	0.000						14-Jun-06	Unoperational	On standby; Note: Error data in MOR - dependable capacity		
			<b>Total :</b>		<b>0.325</b>	<b>0.000</b>			<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>				
98	54	SIASI DPP, Sulu  (24 hours operation)  (SIASELCO)	3	PERKINS	0.600	0.000	0.000						30-Apr-14	Unoperational	Unoperational since 11 Feb 2016; under maintenance outage due to mechanical trouble; tentative date of restoration is on 25 April 2016		
			4	DALE-PERKINS	0.260	0.000	45,572.640						1-Oct-91	Unoperational	Unoperational since 12 Feb 2016 due to moisture in the generator; tentative date of restoration is on 30 April 2016		
			5	MAN - DIESEL	0.500	0.380	30,542.320						24-May-08	Operational			
			6	MAN - DIESEL	0.500	0.380	30,647.380						25-May-08	Operational			
<b>Total :</b>		<b>1.860</b>	<b>0.760</b>			<b>0.670</b>	<b>0.175</b>	<b>0.460</b>	<b>0.090</b>	<b>0.670</b>							
<b>Tawi-Tawi (Mainland) Grid</b>																	
99	55	BONGAO DPP, Tawi-Tawi  (24 hours operation) (TAWELCO)	3	PERKINS	0.544	0.000	7,035.750						6-Feb-09	Unoperational	Dilution of oil water in the crankcase; for inspection of MMTSD personnel; no tentative date of restoration; PR still on process		
			4	PERKINS	0.544	0.450	10,163.950						7-Feb-09	Operational			
			<b>Sub-total (owned)</b>		<b>1.088</b>	<b>0.450</b>											
			5	CAT-RENTAL	1.500	1.100	1,687.000							29-Jun-14	Operational	Contracted Capacity: 1.5 MW	
			6	CAT-RENTAL	0.454	0.400	1,552.000							29-Jun-14	Operational	Contract Period: 29 Mar 2015 to 28 Sep 2016 (extended)	
<b>Sub-total (rental)</b>		<b>1.954</b>	<b>1.500</b>														
<b>Total</b>		<b>3.042</b>	<b>1.950</b>														
99	56	POWER BARGE 108, Tawi-Tawi (24 hours operation) (TAWELCO)	1	DAIHATSU	1.800	1.200	88,386.080						1-Mar-92	Operational			
			2	DAIHATSU	1.800	1.200	48,339.700						1-Mar-92	Operational			
			3	DAIHATSU	1.800	1.200	93,443.900						1-Mar-92	Operational			
			<b>Sub-total</b>		<b>5.400</b>	<b>3.600</b>											
<b>Total Bongao Grid :</b>		<b>8.442</b>	<b>5.550</b>			<b>3.400</b>	<b>2.280</b>	<b>2.631</b>	<b>2.150</b>	<b>3.760</b>							
100	57	BALIMBING DPP, Tawi-Tawi (16 hours operation) Weekdays 2:00 PM-6:00AM Weekends 12:00NN-4:00AM (TAWELCO)	1	DALE-PERKINS	0.163	0.140	25,608.120						13-Jan-97	Operational			
			2	DALE-PERKINS	0.163	0.140	25,095.000						1-Jul-98	Operational			
			3	CUMMINS	0.150	0.130	3,604.350						12-Oct-11	Operational			
			4	CUMMINS	0.250	0.180	6,401.500						4-Mar-11	Operational			
			<b>Total :</b>		<b>0.726</b>	<b>0.590</b>			<b>0.210</b>	<b>0.090</b>	<b>0.140</b>	<b>0.380</b>	<b>0.210</b>				
101	58	TANDUBAS DPP, Tawi - Tawi (8 hours operation) From 4:00PM-12:00MN (TAWELCO)	3	CUMMINS	0.150	0.145	12,318.660						6-Aug-09	Operational			
			<b>Total :</b>		<b>0.150</b>	<b>0.145</b>			<b>0.138</b>	<b>0.078</b>	<b>0.109</b>	<b>0.007</b>	<b>0.144</b>				
102	59	SIBUTU DPP, Tawi-Tawi (8 hours operation) From 4:00PM-12:00MN (TAWELCO)	1	DALE-PERKINS	0.163	0.140	37,965.970						2-Nov-98	Operational			
			2	DALE-PERKINS	0.163	0.140	25,200.870						12-Apr-03	Operational			
			<b>Total :</b>		<b>0.326</b>	<b>0.280</b>			<b>0.280</b>	<b>0.080</b>	<b>0.175</b>	<b>0.000</b>	<b>0.280</b>				
103	60	SITANGKAY DPP, Tawi-Tawi (8 hours operation) 6:00PM-2:00AM (TAWELCO)	1	CUMMINS	0.280	0.200	1,954.100						19-Aug-09	Operational			
			3	PERKINS 2800	0.544	0.450	279,428.000						27-Feb-10	Operational			
			<b>Total :</b>		<b>0.824</b>	<b>0.650</b>			<b>0.301</b>	<b>0.165</b>	<b>0.264</b>	<b>0.349</b>	<b>0.308</b>				
104	61	MANUK-MANGKAW DPP, Tawi Tawi (6 hours operation) 6:00PM-12:00MN (TAWELCO)	1	DALE-PERKINS	0.163	0.150	36,924.640						14-Jul-97	Operational			
			<b>Total :</b>		<b>0.163</b>	<b>0.150</b>			<b>0.095</b>	<b>0.040</b>	<b>0.092</b>	<b>0.055</b>	<b>0.095</b>				

**SMALL POWER UTILITIES GROUP**  
**POWER PLANTS/POWER BARGES OPERATIONAL REPORT FOR EXISTING AREAS**  
As of March 25, 2016

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 (2016)	COMM'NG DATE	STATUS	REMARKS	
			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)						
105	62	WEST SIMUNUL DPP, Tawi-Tawi (8 hours operation) 4:00PM-12:00MN (TAWELCO)	2	CUMMINS-2	0.250	0.215	7,077.030						10-Aug-09	Operational		
			3	DALE-PERKINS	0.260	0.250	50,910.410						25-Sep-02	Operational		
			4	PERKINS	0.163	0.150	7,959.630						30-Mar-11	Operational		
			<b>Total :</b>		<b>0.673</b>	<b>0.615</b>		<b>0.300</b>	<b>0.160</b>	<b>0.223</b>	<b>0.315</b>	<b>0.300</b>				
106	63	CAG DE TAWI² DPP, Tawi-Tawi (8 hours operation) 6:00PM-2:00AM (CASELCO)	1	DALE-PERKINS	0.260	0.000	0.000						26-Sep-92	Unoperational	On standby; Note: Error data in MOR - dependable capacity; request for revision - for EAV approval	
			2	DALE-PERKINS	0.260	0.000	0.000						26-Sep-92	Unoperational	Defective exciter housing bracket/alternator, for rewinding but lacking of mechanical parts. No date of restoration	
			3	MAN	0.500	0.450	16,354.460	<b>0.430</b>	<b>0.280</b>	<b>0.354</b>	<b>0.020</b>	<b>0.430</b>	16-Oct-08	Operational		
<b>Total :</b>		<b>1.020</b>	<b>0.450</b>													
107	64	TANDUBANAK DPP, Tawi-Tawi (8 hours operation) 5:00PM-1:00AM (TAWELCO)	1	Cummins	0.275	0.190	7,994.000						22-Aug-09	Operational		
			2	CUMMINS	0.160	0.100	0.000						22-Aug-09	Operational		
			<b>Total :</b>		<b>0.435</b>	<b>0.290</b>		<b>0.185</b>	<b>0.093</b>	<b>0.140</b>	<b>0.105</b>	<b>0.188</b>				
108	65	SACOL DPP, Zamboanga (8 hours operation) 4:00PM-12:00MN (ZAMCELCO)	1	CUMMINS	0.150	0.135	17,002.750						6-Sep-08	Operational		
			<b>Total :</b>		<b>0.150</b>	<b>0.135</b>		<b>0.085</b>	<b>0.034</b>	<b>0.071</b>	<b>0.050</b>	<b>0.085</b>				
<b>B. EASTERN MINDANAO AREA:</b>																
<b>Dinagat Grid</b>																
109	66	DINAGAT DPP, Dinagat (24 hours operation) (DIELCO)	1	MAN	0.500	0.380	25,205.350						22-Sep-09	Operational		
			2	MAN	0.500	0.380	24,001.080						22-Sep-09	Operational		
			3	CUMPER-PERKINS	0.275	0.190	36,378.680						27-Feb-05	Operational		
			4	CUMPER	0.275	0.190	39,851.510						17-Jul-05	Operational		
			5	CUMPER	0.275	0.190	36,675.290						25-Nov-04	Operational		
			6	CUMPER	0.275	0.190	37,866.580						24-Nov-04	Operational		
			7	CUMPER	0.275	0.190	40,077.050						17-Jul-05	Operational		
			<b>Sub-total (owned)</b>		<b>2.375</b>	<b>1.710</b>										
			9	CAT-RENTAL	0.680	0.540	4,471.900							1-Dec-14	Operational	Contracted Capacity: 2 MW
			10	CAT-RENTAL	0.455	0.375	3,153.700							1-Dec-14	Operational	Contract Period: 03 Feb 2015 to 02 Aug 2016 (extended)
			11	CAT-RENTAL	0.680	0.540	5,597.900							1-Dec-14	Operational	
			12	CAT-RENTAL	1.000	0.750	8,245.400							1-Dec-14	Operational	
			13	CAT-RENTAL	0.600	0.450	10,024.900							1-Jan-15	Operational	
			14	CAT-RENTAL	1.000	0.780	190.700							1-Mar-16	Operational	
<b>Sub-total (rental)</b>		<b>4.415</b>	<b>3.435</b>													
<b>Total</b>		<b>6.790</b>	<b>5.145</b>													
110	67	LORETO DPP, Dinagat Back-Up/On Standby (DIELCO)	3	MAN	0.500	0.380	12,765.460						6-Oct-07	Operational		
			<b>Sub-total</b>		<b>0.500</b>	<b>0.380</b>										
			<b>Total Dinagat Grid :</b>		<b>7.290</b>	<b>5.525</b>		<b>2.748</b>	<b>1.121</b>	<b>1.634</b>	<b>2.777</b>	<b>3.063</b>				
110	68	HIKDOP DPP, Surigao del Norte (7 hours operation) 5:00PM-12:00MN (SURNECO)	1	DALE-PERKINS	0.163	0.155	37,997.040						5-Sep-93	Operational		
			2	CUMMINS	0.120	0.106	7,181.640						6-Oct-10	Operational		
			<b>Total :</b>		<b>0.283</b>	<b>0.261</b>		<b>0.104</b>	<b>0.040</b>	<b>0.079</b>	<b>0.157</b>	<b>0.112</b>				

**SMALL POWER UTILITIES GROUP**  
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As of March 25, 2016

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 (2016)	COMM'SNG DATE	STATUS	REMARKS		
			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)							
69	KALAMANSIG DPP, Sultan Kudarat  (24 hours operation)  (SUKELCO)		1	EG WILSON PERKINS	0.600	0.400	22,215.170						12-Jul-09	Operational			
			3	PERKINS	0.600	0.400	14,608.120							5-May-11	Operational		
			4	PERKINS	0.540	0.000	0.000							11-Jul-09	Unoperational	Unoperational due to defective engine crankshaft: no tentative date of restoration; PR still on process at NPC Head Office for the replacement parts	
			5	DALE PERKINS	0.260	0.180	94,681.580							1-Mar-97	Operational		
			6	PERKINS	0.560	0.350	61,912.610							11-Jul-09	Operational		
			7	DALE PERKINS	0.260	0.180	84,355.750							1-Apr-97	Operational		
			<b>Sub-total (owned)</b>			<b>2.820</b>	<b>1.510</b>										
			9	KOMATSU	0.320	0.250	17,085.880								21-Aug-13	Operational	Contracted Capacity: 1 MW
			10	KOMATSU	0.320	0.250	18,773.330								21-Aug-13	Operational	Contract Period: 23 Mar 2016 to 22 Mar 2017
			11	KOMATSU	0.320	0.250	19,197.570								21-Aug-13	Operational	
			12	KOMATSU	0.320	0.250	16,685.200								21-Aug-13	Operational	Contracted Capacity: 1 MW
			13	KOMATSU	0.320	0.250	6,941.740								20-Jul-15	Operational	Contract Period: 31 Mar 2016 to 30 Mar 2017
			14	KOMATSU	0.320	0.250	18,139.330								20-Jul-15	Operational	
			15	KOMATSU	0.320	0.250	1,311.400								20-Jul-15	Operational	
			16	KOMATSU	0.320	0.250	1,351.500								20-Jul-15	Operational	
			<b>Sub-total (rental)</b>			<b>2.560</b>	<b>2.000</b>										
<b>Total :</b>			<b>5.380</b>	<b>3.510</b>				<b>3.017</b>	<b>1.031</b>	<b>2.025</b>	<b>0.493</b>	<b>3.162</b>					
70	NINYO AQUINO DPP, Sultan Kudarat  (14 hours operation) From 09:00AM-11:00PM (SUKELCO)		1	DALE PERKINS	0.163	0.145	45,499.340						27-Mar-98	Operational			
			2	DALE PERKINS	0.260	0.180	51,485.960							22-Mar-98	Operational		
			3	PERKINS	0.260	0.180	45,660.510							11-May-11	Operational		
			4	PERKINS	0.163	0.145	45,287.080							1-Feb-15	Operational		
			<b>Total :</b>			<b>0.846</b>	<b>0.650</b>				<b>0.649</b>	<b>0.250</b>	<b>0.405</b>	<b>0.001</b>	<b>0.649</b>		
71	PALIMBANG DPP, Sultan Kudarat  (8 hours operation) 3:00PM-11:00PM (SUKELCO)		1	DALE PERKINS	0.163	0.150	40,148.120						28-Apr-99	Operational			
			2	Cummins	0.275	0.200	6,737.940							21-Dec-10	Operational		
			3	DALE PERKINS	0.260	0.000	82,249.420							12-May-13	Unoperational	Unoperational since 12 Feb 2016 due to broken small end bush of connecting rod. For overhauling but spare parts are unavailable; date of restoration - upon the availability of spare parts; PR still on process	
			<b>Total :</b>			<b>0.698</b>	<b>0.350</b>				<b>0.317</b>	<b>0.110</b>	<b>0.247</b>	<b>0.033</b>	<b>0.317</b>		
72	BALUT DPP, Davao del Sur  (16 hours operation) 12:00NN-4:00AM (DASURECO)		1	DALE PERKINS	0.163	0.160	27,387.950						27-Sep-97	Operational			
			2	DALE PERKINS	0.163	0.160	24,895.240							16-Jan-98	Operational		
			3	DALE PERKINS	0.163	0.160	48,281.300							11-Nov-15	Operational	November 11, 2015 - Test & Commissioning	
			<b>Total :</b>			<b>0.489</b>	<b>0.480</b>				<b>0.172</b>	<b>0.060</b>	<b>0.097</b>	<b>0.308</b>	<b>0.172</b>		
73	TALICUD DPP, Davao del Norte  (16 hours operation) 12:00NN-4:00AM (DANEKO)		1	DALE PERKINS	0.163	0.145	40,981.980						26-Aug-96	Operational			
			2	DALE PERKINS	0.163	0.145	29,607.210							26-Aug-96	Operational		
			3	DALE PERKINS	0.260	0.190	44,529.830							18-Dec-91	Operational		
			<b>Total :</b>			<b>0.586</b>	<b>0.480</b>				<b>0.277</b>	<b>0.100</b>	<b>0.162</b>	<b>0.203</b>	<b>0.282</b>		

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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 (2016)	COMM'SNG DATE	STATUS	REMARKS
			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					

**SUMMARY (EXISTING POWER PLANT AND BARGES) :**

SMALL POWER UTILITIES GROUP	NO. OF PLANTS	SYSTEM DEMAND					NET RESERVE
		RATED	DEP.	MAX	MIN	AVE	
<b>TOTAL LUZON</b>	<b>221</b>	<b>105.026</b>	<b>73.321</b>	<b>59.682</b>	<b>27.224</b>	<b>33.924</b>	<b>28.259</b>
Land-Based	61	88.968	68.637				
Power Barge	3	12.000	1.000				
Mini-Grid	3	0.524	0.496				
Wind	1	0.180	0.000				
Hydro	1	1.800	1.800				
PRES	152	1.554	1.388				
<b>TOTAL VISAYAS</b>	<b>45</b>	<b>15.552</b>	<b>8.491</b>	<b>5.832</b>	<b>2.086</b>	<b>3.509</b>	<b>2.659</b>
Land-Based	29	10.166	6.579				
Power Barge	2	4.380	1.250				
Mini-Grid	14	1.006	0.662				
<b>TOTAL MINDANAO</b>	<b>24</b>	<b>60.825</b>	<b>42.621</b>	<b>29.831</b>	<b>15.456</b>	<b>15.414</b>	<b>12.790</b>
Land-Based	22	50.025	35.121				
Power Barge	2	10.800	7.500				
<b>TOTAL PHILIPPINES</b>	<b>290</b>	<b>181.403</b>	<b>124.433</b>	<b>95.345</b>	<b>44.766</b>	<b>52.847</b>	<b>43.708</b>