

**SMALL POWER UTILITIES GROUP**  
**POWER PLANTS/POWER BARGES OPERATIONAL REPORT FOR EXISTING AREAS**  
As of January 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	46,430.800						13-Jun-97	Operational				
			2	CKD	1,224	1,000	36,161.400						13-Jun-97	Operational				
			3	CKD	1,224	1,000	42,230.800						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	20,263.440							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 Feb 2016	
			2	2	TORRIJOS DPP, Marinduque back-up (MARELCO)	2	PERKINS	0,500	0,000	2,760.240						9-Mar-07	Unoperational	On standby
						<b>Sub-total</b>					<b>0,500</b>	<b>0,000</b>						
3	POWER BARGE 120, Marinduque (24 hours operation) (MARELCO)	1				DAIHATSU	1,800	0,000	0,000						15-Jun-95	Operational	On drydock from 06 Dec 2014 to 29 March 2015. But cannot restore its operation due to problem on mooring facility.	
		2				DAIHATSU	1,800	0,000	0,000					15-Jun-95	Operational			
		3				DAIHATSU	1,800	0,000	0,000					15-Jun-95	Operational			
		4				DAIHATSU	1,800	0,000	0,000					15-Jun-95	Operational			
<b>Sub-total</b>								<b>7,200</b>	<b>0,000</b>									
<b>Total Marinduque Grid :</b>								<b>21,622</b>	<b>10,850</b>	<b>7.850</b>	<b>4.330</b>	<b>4.808</b>	<b>3.000</b>	<b>7.850</b>				
2	4	MANIWAYA DPP, Marinduque (8 hours operation) 3:00PM-11:00PM (MARELCO)				1	PERKINS	0,054	0,050	15,872.540						1-Nov-08	Operational	
						2	PERKINS	0,050	0,048	11,758.320						5-Jun-09	Operational	
			<b>Total :</b>					<b>0,104</b>	<b>0,098</b>	<b>0,0483</b>	<b>0,0122</b>	<b>0,0290</b>	<b>0,0497</b>	<b>0,0483</b>				
3	5	MONGPONG DPP, Marinduque (8 hours operation) 3:00PM-11:00PM (MARELCO)	1	PERKINS	0,054	0,050	20,533.050						1-Nov-08	Operational				
			2	PERKINS	0,050	0,048	7,802.570						26-Jun-09	Operational				
			<b>Total :</b>					<b>0,104</b>	<b>0,098</b>	<b>0,0413</b>	<b>0,0101</b>	<b>0,0260</b>	<b>0,0567</b>	<b>0,0448</b>				
4	6	POLO DPP, Marinduque (8 hours operation) 3:00PM-11:00PM (MARELCO)	1	PERKINS	0,042	0,040	3,130.180						1-Nov-08	Operational				
			2	PERKINS	0,050	0,048	13,563.020						25-Jun-09	Operational				
			<b>Total :</b>					<b>0,092</b>	<b>0,088</b>	<b>0,0247</b>	<b>0,0054</b>	<b>0,0158</b>	<b>0,0633</b>	<b>0,0279</b>				
5	7	POLILIO DPP, Quezon (16 hours operation) 2:30PM-6:30AM (QUEZELCO II)	1	MAN-DIESEL	0,500	0,380	31,195.990						20-Jan-10	Operational				
			2	MAN-DIESEL	0,500	0,380	29,296.000						19-Nov-09	Operational				
			3	FGW	0,540	0,000	16,291.500						22-Jul-08	Unoperational	Unoperational due to damaged camshaft and rocker arms; PR of PMS parts still on process at NPC-HO; no date of restoration			
			4	DALE-PERKINS	0,560	0,370	35,492.610						1-Jan-90	Operational				
			6	DALE-PERKINS	0,260	0,200	25,030.630						21-Nov-96	Operational				
			<b>Total :</b>					<b>2,360</b>	<b>1,330</b>	<b>1,245</b>	<b>0,300</b>	<b>0,842</b>	<b>0,085</b>	<b>1,483</b>				
			6	8	JOMALIG DPP, Quezon (8 hours operation) 5:00PM-1:00AM (QUEZELCO II)	1	DALE-PERKINS	0,163	0,150	22,279.250						1-Dec-97	Operational	
						2	PERKINS	0,260	0,240	62,754.700						1-Jan-00	Operational	
<b>Total :</b>								<b>0,423</b>	<b>0,390</b>	<b>0,138</b>	<b>0,070</b>	<b>0,084</b>	<b>0,252</b>	<b>0,200</b>				
7	9	PATNANUNGAN DPP, Quezon (8 hours operation) 4:00PM-12:00MN (QUEZELCO II)	1	DALE-PERKINS	0,163	0,150	31,780.760						27-Nov-97	Operational				
			2	DALE-PERKINS	0,260	0,250	27,800.970						19-Jan-93	Operational				
			<b>Total :</b>					<b>0,423</b>	<b>0,400</b>	<b>0,197</b>	<b>0,070</b>	<b>0,155</b>	<b>0,203</b>	<b>0,203</b>				

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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	13,890.000								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				0.984	0.322	0.629	0.916	1.444						
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; to be restored upon delivery		
			2	DALE-PERKINS	0.163	0.130	21,358.310							15-Jan-93	Operational	Derated: Overdue for PMS (major overhauling)	
			Total		0.326	0.130				0.115	0.037	0.065	0.015	0.130			
10	13	ITBAYAT DPP, Batanes (18 hours operation) 6:00AM-12:00MN (BATANELCO)	1	DALE-PERKINS	0.163	0.150	45,915.510						1-Dec-96	Operational			
			2	DALE-PERKINS	0.163	0.150	3,867,767.000							1-Dec-96	Operational		
			Total		0.326	0.300				0.138	0.053	0.082	0.162	0.145			
11	14	CALAYAN DPP, Cagayan  (12 hours operation)  12:00NN-12:00MN (LGU-CALAYAN)	1	DALE-PERKINS	0.163	0.150	23,856.860						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; tentative restoration on 17 March 2016	
			3	FGWILSON	0.100	0.090	9,878.100							3-Mar-08	Operational		
			Total		0.426	0.240				0.160	0.065	0.087	0.080	0.170			
12	15	KABUGAO DPP, Apayao (24 hours operation) (KAELCO)	1	DALE-PERKINS	0.260	0.250	58,375.320						8-Mar-93	Operational			
			2	DALE-PERKINS	0.163	0.150	58,761.560							27-Oct-93	Operational		
			3	CKD	0.220	0.200	45,164.410							28-Sep-96	Operational		
Total		0.643	0.600				0.174	0.050	0.088	0.426	0.200						
13	16	PALANAN DPP, Isabela (12 hours operation) 12:00NN-12:00MN (ISELCO II)	1	DALE-PERKINS	0.163	0.150	27,780.840						1-Aug-95	Operational			
			2	DALE-PERKINS	0.260	0.250	25,024.880							1-Aug-95	Operational		
			3	FG WILSON	0.100	0.090	2,091.700							14-Apr-09	Operational		
Total		0.523	0.490				0.172	0.061	0.098	0.318	0.181						
14	17	CASIGURAN DPP, Aurora (24 hours operation) (AURELCO)	1	MAN	0.500	0.430	39,967.650						12-Jul-04	Operational			
			2	MAN	0.500	0.450	49,083.950							12-Jul-04	Operational		
			4	DALE-PERKINS	0.260	0.180	49,210.660							6-Dec-13	Operational		
			5	DALE-PERKINS	0.675	0.480	12,798.650							2-Aug-92	Operational	Damaged crankshaft and oil crankcase last January 25, 2016.	
Total		1.935	1.540				1.220	0.270	0.601	0.320	1.454						
		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>															
<b>Catanduanes Grid</b>															
18	BALONGBONG HEPP, Catanduanes (24 hours operation) (FICELCO)	1	SFW 900-10/1430	0.900	0.900	150,449.850						1-Jun-83	Operational		
		2	SFW 900-10/1430	0.900	0.900	131,963.970						1-Jun-83	Operational		
			<b>Sub-total</b>	<b>1.800</b>	<b>1.800</b>										
19	MARINAWA DPP, Catanduanes (24 hours operation) (FICELCO)	1	DALE-PERKINS	0.560	0.450	51,832.000						30-Jul-99	Operational		
		2	DALE-PERKINS	0.560	0.450	3,131.000						26-Feb-01	Operational		
15	MONARK EQUIPMENT CORP. (RENTAL)	6	DALE-PERKINS	0.560	0.450	47,474.000						7-May-14	Operational		
		7	DALE-PERKINS	0.560	0.450	45,030.000						31-May-14	Operational		
			<b>Sub-total (owned)</b>	<b>2.240</b>	<b>1.800</b>										
15	MONARK EQUIPMENT CORP. (RENTAL)	3	CAT-RENTAL	1.500	1.200	3,920.000						19-Jul-14	Operational	Contracted Capacity: 2.8 MW	
		4	CAT-RENTAL	1.500	1.200	3,270.000						19-Jul-14	Operational	Contract Period: 19 Jul 2014 to 18 Jan 2016	
			5	CAT-RENTAL	0.600	0.490	10,281.000					19-Jul-14	Operational	(extended)	
			8	CAT-RENTAL	1.500	1.200	8,820.000					19-Jul-14	Operational		
			<b>Sub-total (rental)</b>	<b>5.100</b>	<b>4.090</b>										
			<b>Total</b>	<b>7.340</b>	<b>5.890</b>										
20	VIGA DPP, Catanduanes (24 hours operation) (FICELCO)	1	DALE-PERKINS	0.560	0.400	28,561.090						2-May-03	Operational		
		2	CUMMINS	0.500	0.350	1,742.830						31-Aug-12	Operational		
			3	CUMMINS	0.500	0.300	1,766.800					31-Aug-12	Operational		
			4	DALE-PERKINS	0.560	0.410	30,427.380					3-May-03	Operational		
			<b>Sub-total</b>	<b>2.120</b>	<b>1.460</b>										
			<b>Total Catanduanes (NPC) Grid :</b>	<b>11.260</b>	<b>9.150</b>										
NPP	Sun West Water & Electric Corp. (Hitoma 1)	1	Hydro	1.500	1.150							2010	Operational		
NPP	Sun West Water & Electric Corp. (Solong)	1	Hydro	2.100	1.690							2010	Operational		
NPP	Catanduanes Power Generation (CPGI)	1	Bunker	3.600	2.880							2011	Operational		
			<b>Total Catanduanes Grid :</b>	<b>18.460</b>	<b>14.870</b>		<b>8.562</b>	<b>3.79%</b>	<b>*</b>	<b>6.308</b>	<b>8.562</b>			No submitted data from NPP	
21	PALUMBANES DPP, Catanduanes (8 hours operation) 4:00PM-12:00MN (FICELCO)	1	CUMMINS	0.022	0.018	2,577.900						1-Feb-15	Operational		
			<b>Total :</b>	<b>0.022</b>	<b>0.018</b>		<b>0.018</b>	<b>0.009</b>	<b>0.013</b>	<b>0.000</b>	<b>0.018</b>				
22	RAPU-RAPU DPP, Albay (12 hours operation) 12:00NN-12:00MN (APEC)	1	DALE-PERKINS	0.163	0.140	36,654.260						1-Jan-05	Operational		
		2	DALE-PERKINS	0.163	0.145	37,941.600						7-Nov-96	Operational		
17	RAPU-RAPU DPP, Albay (12 hours operation) 12:00NN-12:00MN (APEC)	5	MAN-DIESEL	0.500	0.000	17,565.830						24-Oct-07	Unoperational	Under maintenance/bogged down on October 3, 2015 due to defective crankshaft; awaiting for the availability of TS personnel; no date of restoration	
		3	PERKINS	0.300	0.000	14,840						1-Nov-15	Unoperational	Commissioning suspended by TPI	
			4	PERKINS	0.300	0.000	12,430					1-Nov-15	Unoperational	Commissioning suspended by TPI	
			<b>Total :</b>	<b>0.826</b>	<b>0.285</b>		<b>0.274</b>	<b>0.142</b>	<b>0.203</b>	<b>0.011</b>	<b>0.284</b>				
23	BATAN DPP, Albay (8 hours operation) 4:00PM-12:00MN (APEC)	1	DALE-PERKINS	0.163	0.130	38,875.000						1-Aug-91	Operational		
		2	PERKINS	0.300	0.000	0.000						23-Sep-15	Unoperational	Commissioning suspended by TPI	
			3	DALE-PERKINS	0.163	0.140	18,191.000					7-Nov-96	Operational		
			<b>Total :</b>	<b>0.326</b>	<b>0.270</b>		<b>0.203</b>	<b>0.065</b>	<b>0.127</b>	<b>0.067</b>	<b>0.223</b>				
18	Masbate (Mainland) Grid	1	Bunker	24.400	21.200							2010	Operational		
			<b>Total Grid :</b>	<b>24.400</b>	<b>21.200</b>										

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)						
19	24	TICAO DPP, Masbate (24 hours operation) (TISELCO)  MONARK EQUIPMENT CORP. (RENTAL)	5	MAN	0.500	0.350	24,008.450						25-Jan-02	Operational		
			Sub-total (owned)		0.500	0.350										
			7	MONARK-(RENTAL)	1.600	1.300	24,556.080							26-Sep-12	Operational	Contracted Capacity: 1 MW Contract Period: 05 Jun 2015 to 04 Jun 2016
		Sub-total (rental)		1.600	1.300											
		Total :		2.100	1.650		1.551	0.528	0.755	0.099	1.666					
20	25	BURIAS DPP, Masbate (12 hours operation) 12:00NN-12:00MN (LGU San Pascual)	1	DALE-PERKINS	0.260	0.200	50,336.000						13-Nov-94	Operational		
			2	DALE-PERKINS	0.163	0.130	46,237.000						10-May-98	Operational	Defective under voltage relay	
			3	VOLVO	0.560	0.000	0.000						21-Sep-12	Unoperational	Under maintenance; awaiting for the availability of spare parts; no date of restoration	
			4	PERKINS	0.300	0.300	167.000						10-May-98	Operational		
		Total :		1.283	0.630		0.261	0.057	0.160	0.369	0.261					
21	26	GUINAWAYAN DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU - Placer)	1	FG WILSON	0.035	0.035	19,520.740						1-May-07	Operational		
			Total :		0.035	0.035		0.0202	0.0063	0.0153	0.0148	0.0205				
22	27	GILOTONGAN DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU - Cawayan)	1	FG WILSON	0.090	0.090	18,719.940						1-May-07	Operational		
			Total :		0.090	0.090		0.0749	0.0266	0.0553	0.0151	0.0785				
23	28	NABUCTOT DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU - Placer)	1	FG WILSON	0.025	0.025	18,276.880						1-May-07	Operational		
			Total :		0.025	0.025		0.0164	0.0073	0.0148	0.0086	0.0164				
24	29	PENA DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU - Cawayan)	1	FG WILSON	0.090	0.090	18,364.080						1-May-07	Operational		
			Total :		0.090	0.090		0.0410	0.0180	0.0330	0.0490	0.0410				
25	30	CHICO DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU - Cawayan)	1	FG WILSON	0.035	0.035	18,559.300						1-May-07	Operational	No operation due to stator rewinding, defective water pump, damaged rotating diodes; tentative restoration is on 13 March 2016	
			Total :		0.035	0.035		0.0000	0.0000	0.0000	0.0350	0.0200			Note: error entry in MOR	
26	31	DANCALAN DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU San Pascual)	1	FG WILSON	0.080	0.065	6,621.100						27-May-12	Operational		
			Total :		0.080	0.065		0.0190	0.0030	0.0120	0.0460	0.0240				
27	32	MABABANGBAYBAY DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU-Claveria)	1	FG WILSON	0.060	0.050	7,508.800						24-Apr-12	Operational		
			Total :		0.060	0.050		0.0160	0.0050	0.0114	0.0340	0.0180				
28	33	MALAKING ILOG DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU San Pascual)	1	FG WILSON	0.060	0.050	8,790.600						9-Apr-12	Operational		
			Total :		0.060	0.050		0.0200	0.0050	0.0135	0.0300	0.0220				

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
29	34	OSMENIA DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU-Claveria)	1	FG WILSON	0.080	0.065	7,702.900	0.0270	0.0090	0.0192	0.0380	0.0350	10-Jul-12	Operational	
				Total :	0.080	0.065									
30	35	PENAFRANCIA DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU-Claveria)	1	FG WILSON	0.080	0.065	7,509.500	0.0000	0.0000	0.0000	0.0650	0.0180	10-Jun-12	Operational	No operation due to defective injection pump; no tentative date of restoration <b>Note: error entry in MOR</b>
				Total :	0.080	0.065									
31	36	QUEZON DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU-Claveria)	1	FG WILSON	0.060	0.050	7,751.900	0.0000	0.0000	0.0000	0.0500	0.0140	7-Jun-12	Operational	No operation due to defective injection pump and unusual sound inside the engine; no tentative date of restoration <b>Note: error entry in MOR</b>
				Total :	0.060	0.050									
32	37	LAHUY DPP, Camarines Sur (4 hours operation) 6:00PM-10:00PM (CASURECO IV)	1	CUMMINS	0.120	0.096	8,000.000	0.0490	0.0200	0.0413	0.0470	0.0500	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	
				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	9,033.000	0.0770	0.0120	0.0450	0.0430	0.0940	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	3,457.300	0.0066	0.0011	0.0043	0.0114	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)	1	MONARK-(RENTAL)	7.200	6.000	19,981.790						1-Oct-13	Operational	Contracted Capacity: 6 MW Contract Period: 25 Sep 2015 to 24 Sep 2016
			2	MONARK	4.600	4.000	9,379.900						4-Dec-13	Operational	Contracted Capacity: 2.5 MW Contract Period: 13 Jun 2015 to 12 Jun 2016 (extended)
		MONARK EQUIPMENT CORP. (RENTAL)	3	MONARK	3.500	2.500	3,062.070						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	12.500									
37	42	POWER BARGE 106, Occidental Mindoro (24 hours operation) (OMECCO)	4	DAIHATSU	3.600	0.000	84,645.000						1-Sep-92	Unoperational	Under maintenance - started 3rd week of Oct 2015; February 2016 - tentative restoration
				Sub-total	3.600	0.000									
				Total Occ. Min. (San Jose) Grid :	18.900	12.500		12.232	6.639	8.140	0.268	12.232			

**SMALL POWER UTILITIES GROUP**  
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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 (2016)	COMM'NG DATE	STATUS	REMARKS	
			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)						
38	43	<b>Occidental Mindoro (MAPSA) Grid</b> MAMBURAO DPP, Occidental Mindoro (24 hours operation) (OMEKO) MONARK EQUIPMENT CORP. (RENTAL)	1	CAT-RENTAL	1.380	1.250	6,801.000						1-Jan-15	Operational	Contracted Capacity: 4 MW Contract Period: 18 Jan 2015 to 16 Aug 2016 (extended)	
			2	CAT-RENTAL	1.380	1.250	185.000						1-Jan-15	Operational		
			3	CAT-RENTAL	0.910	0.750	2,362.000						1-Jan-15	Operational		
			4	CAT-RENTAL	0.910	0.750	2,496.000						1-Jan-15	Operational		
			5	CAT-RENTAL	1.380	1.250	10,224.000						1-Jan-15	Operational		
<b>Total Occ. Min. (MAPSA) Grid :</b>					<b>5.960</b>	<b>5.250</b>			<b>4.100</b>	<b>2.100</b>	<b>2.698</b>					
39	44	<b>LUBANG DPP, Occidental Mindoro</b> (24 hours operation) (LUBELCO)	1	CXZ-MAN	0.500	0.400	29,928.000						25-Mar-08	Operational		
			2	CXZ-MAN	0.500	0.400	33,009.000						25-Mar-08	Operational		
			3	CUMMINS	0.704	0.600	25,791.810						8-Jun-09	Operational		
<b>Total :</b>					<b>1.704</b>	<b>1.400</b>			<b>0.665</b>	<b>0.320</b>	<b>0.373</b>					
40	45	<b>CABRA DPP, Occidental Mindoro</b> (8 hours operation) 4:00AM-6:00AM/5:00PM-11:00PM (LUBELCO)	1	CUMMINS	0.060	0.055	4,641.150						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>0.0360</b>	<b>0.0110</b>	<b>0.0215</b>					
41	46	<b>TINGLOY DPP, Batangas</b> (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	25,781.320						24-Dec-94	Operational		
			3	DALE-PERKINS	0.260	0.000	0.000						24-Dec-94	Unoperational	Unoperational due to defective AVR R448 since 15 Dec 2015; tentative restoration on 23 Feb 2016	
			4	MAN CXZ	0.500	0.375	25,420.140						24-Aug-09	Operational		
<b>Total :</b>					<b>1.183</b>	<b>0.525</b>			<b>0.500</b>	<b>0.225</b>	<b>0.334</b>					
42	47	<b>Romblon (Mainland) Grid</b> ROMBLON DPP, Romblon (24 hours operation) (ROMELCO)	1	TIDE-POWER	0.600	0.400	14,383.530						8-Oct-08	Operational		
			2	FG WILSON	0.600	0.400	25,217.500						10-Dec-08	Operational		
			3	FG WILSON	0.600	0.400	15,579.500						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	0.840	0.000							5-Jul-14	Operational	Contracted Capacity: 1 MW Contract Period: 5 Jul 2014 to 4 Jan 2016 (expired already)
6	CAT-RENTAL	0.500	0.400	0.000						5-Jul-14	Operational					
<b>Sub-total (rental)</b>					<b>1.500</b>	<b>1.240</b>										
<b>Total :</b>					<b>3.900</b>	<b>2.440</b>										
48	48	<b>POWER BARGE 114, Romblon</b> (24 hours operation)  MONARK RENTAL  MONARK RENTAL  (ROMELCO)	2	FG WILSON	0.650	0.400	18,365.400						1-Jun-09	Operational		
			4	FG WILSON	0.650	0.400	25,875.900						3-May-10	Operational		
			<b>Sub-total (owned)</b>					<b>1.300</b>	<b>0.800</b>							
			5	CAT-RENTAL	0.500	0.400	443.000							6-Jan-16	Operational	Contracted Capacity: 0.6 MW Contract Period: 5 Jan 2016 to 4 Jan 2017
			6	CAT-RENTAL	0.500	0.400	435.000						6-Jan-16	Operational		
			7	CAT-RENTAL	0.500	0.400	11,296.000							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>4.440</b>			<b>1.774</b>	<b>0.696</b>	<b>0.948</b>					

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)							
49	TABLAS DPP, Romblon  (24 hours operation)  (TIELCO)	<b>Romblon (Tablas Island) Grid</b>															
		1	PERKINS-FG WILSON	0.650	0.000	20,740.110							29-Sep-08	Unoperational	For decommissioning		
		2	PERKINS-FG WILSON	0.650	0.000	8,234.940							29-Sep-08	Unoperational	For deactivation		
		3	PERKINS-FG WILSON	0.650	0.000	12,346.750							23-Apr-08	Unoperational	For decommissioning		
		4	MAN	0.500	0.300	173,672.920							1-Dec-83	Operational			
		5	MAN	0.500	0.400	173,545.690							1-Dec-83	Operational			
		6	MAN	0.500	0.400	107,311.770							1-Nov-83	Operational			
		7	DALE-PERKINS	0.560	0.000	26,665.380							6-Feb-09	Unoperational	For decommissioning		
		8	DALE-PERKINS	0.560	0.350	21,735.330							6-Jan-10	Operational	For transfer to Tingloy DPP		
			<b>Sub-total (owned)</b>	<b>4.570</b>	<b>1.450</b>												
		2	RENTAL-CATERPILLAR	1.000	0.800	6,205.070							1-Mar-13	Operational	Contracted Capacity: 1.8 MW		
		3	RENTAL-CATERPILLAR	1.500	1.000	6,092.450							6-Jul-14	Operational	Contract Period: 19 Apr 2015 to 18 Apr 2016		
		4	RENTAL-CATERPILLAR	1.500	1.000	10,124.870							1-Mar-13	Operational			
		5	RENTAL-CATERPILLAR	0.600	0.500	8,329.590							1-Mar-13	Operational	Contracted Capacity: 0.9 MW		
	<b>Sub-total (rental)</b>	<b>4.600</b>	<b>3.300</b>											Contract Period: 09 Aug 2015 to 08 Feb 2016			
	<b>Total :</b>	<b>9.170</b>	<b>4.750</b>														
50	POWER BARGE 109, Romblon  (24 hours operation)  (TIELCO)	1	PERKINS	0.600	0.500	0.000							3-Dec-13	Operational			
		2	CUMMINS	0.540	0.400	0.000							16-Apr-10	Operational			
		3	FG WILSON	0.600	0.500	0.000							22-Sep-08	Operational			
			<b>Sub-total</b>	<b>1.740</b>	<b>1.400</b>												
NPP	Sun West Water & Electric Corp. (SUWECO)	1	Hydro	8.800	8.000							2015	Operational				
			<b>Total Tablas Is. Grid :</b>	<b>10.910</b>	<b>6.150</b>												
			<b>Total Tablas Is. Grid :</b>	<b>19.710</b>	<b>14.150</b>		<b>5.081</b>	<b>0.864</b>	<b>1.140</b>		<b>9.069</b>	<b>5.081</b>					
51	SIBUYAN DPP, Romblon  (24 hours operation)  (ROMELCO)	1	DALE-PERKINS	0.260	0.130	66,871.460							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	58,781.060								2-May-97	Operational		
		6	Caterpillar	0.600	0.400	239.120								16-Feb-05	Operational		
		7	MAN	0.500	0.450	22,721.700								30-Dec-07	Operational		
		8	MAN	0.500	0.450	30,640.180								31-Dec-07	Operational		
			<b>Sub-total</b>	<b>2.283</b>	<b>1.560</b>		<b>0.925</b>	<b>0.080</b>	<b>0.315</b>	<b>0.635</b>	<b>1.232</b>						
			<b>Total Grid :</b>	<b>3.183</b>	<b>2.460</b>												
NPP	Cantingas Mini-Hydro Corporation	1	Hydro	0.900	0.900									Operational			
			<b>Total Grid :</b>	<b>3.183</b>	<b>2.460</b>												
			<b>Total :</b>	<b>#N/A</b>	<b>#N/A</b>		<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>#N/A</b>	<b>0.179</b>						
52	BANTON DPP, Romblon  (8 hours operation) 4:30AM-6:30AM/5:00PM-11:00PM (ROMELCO)	#N/A	#N/A	#N/A	#N/A	#N/A							7-Apr-99	#N/A			
		#N/A	#N/A	#N/A	#N/A	#N/A								16-Apr-96	#N/A	Note: No MOR as of 20 June 2016	
			<b>Total :</b>	<b>#N/A</b>	<b>#N/A</b>		<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>#N/A</b>	<b>0.179</b>						
53	SAN JOSE DPP, Romblon  (12 hours operation) 4:00AM-6:00AM/1:00PM-11:00PM (TIELCO)	1	DALE-PERKINS	0.163	0.140	12,311.900								1-Dec-04	Operational		
		2	DALE-PERKINS	0.163	0.140	44,587.070									1-May-97	Operational	
		3	CATERPILLAR(228kW)	0.228	0.130	21,267.600									1-Jul-07	Operational	
			<b>Total :</b>	<b>0.554</b>	<b>0.410</b>		<b>0.308</b>	<b>0.135</b>	<b>0.211</b>	<b>0.102</b>	<b>0.366</b>						

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)						
47	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	0.135	27,166.940						30-Jan-97	Operational		
			3	IMAN	0.500	0.450	25,584.000						20-Apr-07	Operational		
			Total :		0.663	0.585		0.180	0.090	0.129	0.405	0.365				
48	55	CONCEPCION DPP, Romblon (8 hours operation) 4:30AM-7:00AM/5:00PM-10:30PM (LGU Concepcion)	1	DALE-PERKINS	0.163	0.145	31,983.500						11-Mar-97	Operational		
			2	DALE-PERKINS	0.163	0.145	30,818.500						1-Jan-01	Operational		
			Total :		0.326	0.290		0.095	0.050	0.060	0.195	0.200				
D. PALAWAN AREA :																
Palawan (Mainland) Grid																
49	NPP	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	Delta P	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)	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	IMAN	0.500	0.400	23,204.780						14-Apr-09	Operational		
			4	TIDE POWER	0.675	0.480	16,007.210						10-Sep-09	Operational		
			Sub-total (owned)		1.175	0.880										
			8	CAT-RENTAL	0.500	0.490	10,603.000							1-Apr-14	Operational	Contracted Capacity: 1 MW
			9	CAT-RENTAL	0.500	0.490	0.000							1-Mar-15	Operational	Contract Period: 19 Apr 2015 to 18 Apr 2016
			10	CAT-RENTAL	1.000	0.950	4,130.000							4-May-15	Operational	
			11	CAT-RENTAL	1.000	0.850	6,998.800							4-May-15	Operational	
			Sub-total (rental)		3.000	2.780										
			Total :		4.175	3.660		1.938	0.886	1.240	1.722	2.166				
51	57	TAYTAY DPP, Palawan  (24 hours operation) (PALECO)  MONARK EQUIPMENT CORP. (RENTAL)	2	DALE-PERKINS	0.260	0.180	39,330.000						20-May-92	Operational		
			3	IMAN CXZ	0.500	0.400	28,617.000						4-Jun-09	Operational		
			Sub-total (owned)		0.760	0.580										
			5	MONARK-RENTAL	0.455	0.450	5,743.000							2-Oct-14	Operational	Contracted Capacity: 0.6 MW
			6	MONARK-RENTAL	0.455	0.450	5,730.000							2-Oct-14	Operational	Contract Period: 02 Apr 2015 to 01 Apr 2016
			Sub-total :		0.910	0.900		0.799	0.280	0.524	0.681	0.871				
Total :		1.670	1.480													
52	58	SAN VICENTE DPP, Palawan  (24 hours operation) (PALECO)	1	DALE-PERKINS(PAL)	0.163	0.120	35,331.120						19-Jan-95	Operational		
			2	CUMPER-LGU	0.300	0.250	5,461.520						23-Dec-14	Operational		
			3	DALE-PERKINS(PAL)	0.260	0.220	75,469.760						22-Apr-02	Operational		
			4	IMAN CXZ	0.500	0.400	39,286.880						14-Nov-08	Operational		
Total :		1.223	0.990		0.550	0.190	0.341	0.440	0.578							
53	59	RIZAL DPP, Palawan  (24 hours operation) (PALECO)	1	DALE-PERKINS	0.260	0.230	45,499.080						3-Aug-93	Operational		
			2	JOHN DEERE-CUMPER	0.256	0.210	31,911.400						17-Dec-07	Operational		
			3	DALE-PERKINS	0.163	0.130	26,827.450						3-Aug-93	Operational		
			4	FG WILSON-PERKINS	0.300	0.265	311.920						29-Dec-15	Operational		
Total :		0.979	0.835		0.306	0.116	0.188	0.529	0.346							



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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
<b>Other Islands in Palawan</b>															
54	NPP	Calamian Island Power Corp. (Busuanga)	1	Diesel	8.120	7.720							2013	Operational	
	NPP	Calamian Island Power Corp. (Coron)	1	Diesel	0.700								2013	Operational	
		<b>Total :</b>			<b>8.820</b>	<b>7.720</b>									
55	QTP	Power Source Philippines, Rio Tuba	1	Diesel	1.690	0.590							2010	Operational	
		<b>Total :</b>			<b>1.690</b>	<b>0.590</b>									
56	60	CULION DPP, Palawan (24 hours operation) (BISELCO)	1	DALE-PERKINS	0.163	0.150	46,051.080						29-Aug-98	Operational	
			2	DALE-PERKINS	0.260	0.200	71,846.090						12-Dec-92	Operational	
			3	DALE-PERKINS	0.260	0.200	80,504.500						26-Feb-15	Operational	
			4	DALE-PERKINS	0.260	0.200	73,268.250						26-Feb-15	Operational	
			5	FG-WILSON	0.260	0.120	7,758.500						6-Jun-08	Operational	
				<b>Total :</b>			<b>1.203</b>	<b>0.870</b>		<b>0.430</b>	<b>0.080</b>	<b>0.252</b>	<b>0.440</b>	<b>0.430</b>	
57	61	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	
			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	33,150.960						9-Feb-92	Operational	
				<b>Total :</b>			<b>0.322</b>	<b>0.195</b>		<b>0.095</b>	<b>0.038</b>	<b>0.078</b>	<b>0.100</b>	<b>0.099</b>	
58	62	CUYO DPP, Palawan (24 hours operation) (PALECO)	1	MAN-CXZ	0.500	0.400	38,315.590						1-Apr-08	Operational	
			2	MAN-CXZ	0.500	0.400	29,903.820						1-Apr-08	Operational	
			3	MAN-CXZ	0.500	0.400	38,583.180						1-Apr-08	Operational	
			4	MAN-CXZ	0.500	0.400	40,914.890						1-Apr-08	Operational	
				<b>Total :</b>			<b>2.000</b>	<b>1.600</b>		<b>1.145</b>	<b>0.320</b>	<b>0.673</b>	<b>0.455</b>	<b>1.230</b>	
59	63	ARACELI DPP, Palawan (16 hours operation) 9:00AM-1:00AM (PALECO)	1	DALE-PERKINS	0.163	0.150	59,187.950						19-Jun-95	Operational	
			2	DALE-PERKINS	0.163	0.150	16,094.700						16-Jul-93	Operational	
			3	DALE-PERKINS	0.260	0.250	42,523.400						9-Feb-92	Operational	
				<b>Total :</b>			<b>0.586</b>	<b>0.550</b>		<b>0.144</b>	<b>0.047</b>	<b>0.094</b>	<b>0.406</b>	<b>0.156</b>	
60	64	BALABAC DPP, Palawan (8 hours operation) 4:00PM-12:00MN (PALECO)	1	DALE-PERKINS	0.163	0.150	20,731.560						1-Apr-03	Operational	
			2	DALE-PERKINS	0.163	0.150	42,711.980						5-Feb-97	Operational	
				<b>Total :</b>			<b>0.326</b>	<b>0.300</b>		<b>0.167</b>	<b>0.103</b>	<b>0.131</b>	<b>0.133</b>	<b>0.167</b>	
61	65	CAGAYANCILLO DPP, Palawan (8 hours operation) 4:00PM-12:00MN (PALECO)	1	DALE-PERKINS	0.163	0.160	41,018.280					14-Aug-97	Operational		
		<b>Total :</b>			<b>0.163</b>	<b>0.160</b>		<b>0.117</b>	<b>0.027</b>	<b>0.076</b>	<b>0.043</b>	<b>0.133</b>			
62	66	AGUTAYA DPP, Palawan (8 hours operation) 4:00PM-12:00MN (PALECO)	1	DALE-PERKINS	0.163	0.150	4,256.380						20-Dec-10	Operational	
			2	DALE-PERKINS	0.163	0.150	29,500.420						5-Jun-98	Operational	
				<b>Total :</b>			<b>0.326</b>	<b>0.300</b>		<b>0.097</b>	<b>0.034</b>	<b>0.065</b>	<b>0.203</b>	<b>0.097</b>	

**SMALL POWER UTILITIES GROUP**  
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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 (2016)	COMM'SNG DATE	STATUS	REMARKS
			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
<b>II. SPUG - VISAYAS :</b>															
<b>A. WESTERN VISAYAS AREA:</b>															
63	NPP	Bantayan Island Power Corporation	1	Bunker	8.340	4.890						2015	Operational		
				<b>Total :</b>	<b>8.340</b>	<b>4.890</b>									
64	QTP	Power Source Philippines (Malapascua, Cebu)	1	Diesel/Solar	1.050	0.930						2014	Operational		
				<b>Total :</b>	<b>1.050</b>	<b>0.930</b>									
67		<b>GUINTARCAN DPP, Cebu</b> (8 hours operation) 4:00PM-12:00MN (BANELCO)	1	KUMATSU	0.100	0.070	11,063.600					21-Sep-07	Operational		
65			2	DALE-PERKINS	0.163	0.114	34,600.070					5-Mar-93	Operational		
				<b>Total :</b>	<b>0.263</b>	<b>0.184</b>		<b>0.114</b>	<b>0.040</b>	<b>0.081</b>	<b>0.070</b>				
68		<b>DOONG DPP, Cebu</b> (8 hours operation) 4:00PM-12:00MN (BANELCO)	1	DALE-PERKINS	0.163	0.114	27,728.490					25-Apr-93	Operational		
66			2	DALE-PERKINS	0.163	0.114	28,390.740					25-Apr-93	Operational		
				<b>Total :</b>	<b>0.326</b>	<b>0.228</b>		<b>0.195</b>	<b>0.064</b>	<b>0.086</b>	<b>0.033</b>				
<b>Siquijor Grid</b>															
	NPP	Siquijor Island Power Corporation	1	Bunker	6.464	6.464						10-Feb-15	Operational		
				<b>Total :</b>	<b>6.464</b>	<b>6.464</b>									
69		<b>SIGUIJOR DPP, Siquijor</b>	1	MAN	0.500	0.000	7,612.970					1-Apr-84	Unoperational	Operations taken over by NPP-SIPCOR last February 10, 2015; gensets in PB 116 are cannibalized	
			2	MAN	0.500	0.000	11,331.570					1-Apr-84	Unoperational		
			3	MAN	0.500	0.000	5,247.460					1-Apr-84	Unoperational		
				<b>Total :</b>	<b>1.500</b>	<b>0.000</b>		<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>				
70		<b>POWER BARGE 116</b>	1	DALE-PERKINS	0.560	0.000	48,731.010					17-Jun-93	Unoperational		
			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		
				<b>Total :</b>	<b>2.280</b>	<b>0.000</b>		<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>				
71		<b>GIGANTES DPP, Iloilo</b> (8 hours operation) 3:00PM- 11:00PM (IECO III)	1	DALE-PERKINS	0.163	0.114	24,853.330					17-Apr-97	Operational		
68			2	DALE-PERKINS	0.163	0.114	20,612.970					23-Aug-07	Operational		
				<b>Total :</b>	<b>0.326</b>	<b>0.228</b>		<b>0.150</b>	<b>0.045</b>	<b>0.119</b>	<b>0.078</b>				
72		<b>CALUYA DPP, Antique</b> (24 hours operation) (ANTECO)	1	DALE-PERKINS	0.163	0.114	39,565.440					21-Sep-92	Operational		
			2	DALE-PERKINS	0.163	0.114	41,208.050					21-Sep-92	Operational		
			5	CUMMINS-STAMFORD	0.364	0.255	5,615.500					8-May-14	Operational		
69			6	CUMMINS-FILGEN	0.320	0.224	2,490.560					30-May-15	Operational		
			7	CUMMINS-FILGEN	0.320	0.224	1,189.480					30-May-15	Operational		
				<b>Total :</b>	<b>1.330</b>	<b>0.931</b>		<b>0.295</b>	<b>0.072</b>	<b>0.163</b>	<b>0.636</b>	<b>0.320</b>			

**SMALL POWER UTILITIES GROUP**  
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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 (2016)	COMM'NG DATE	STATUS	REMARKS		
			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)							
73	73	B. EASTERN VISAYAS AREA: CAMOTES DPP, Cebu (24 hours operation) (CELCO)	1	MAN B&W	0.300	0.180	153,317.330						8-Feb-88	Operational			
			2	MAN B&W	0.300	0.150	140,540.040							8-Feb-88	Operational		
			3	DALE-PERKINS	0.560	0.300	26,587.910							1-Nov-04	Operational		
			5	MAN CXZ	0.528	0.000	95,301.350							2-Mar-02	Unoperational	Under maintenance since 29 September 2015. No date of restoration.	
			6	MAN CXZ	0.500	0.350	63,513.840							2-May-07	Operational		
			7	MAN	0.500	0.350	47,460.870							1-Dec-13	Operational		
			Sub-total			2.688	1.330		1.105	0.728	0.858	0.225	1.555				
74	74	POWER BARGE 113, Cebu back-up (CELCO)	1	mitsubishi	0.750	0.350	14,360.400						7-Sep-08	Operational			
			2	mitsubishi	0.750	0.450	20,209.900							14-Jul-08	Operational		
			6	PERKINS	0.600	0.450	5,686.390							1-Dec-13	Operational		
			Sub-total			2.100	1.250		1.225	0.475	0.477	0.025	1.225				
75	75	PILAR DPP, Cebu (18 hours operation) 11:00AM-5:00AM (CELCO)	1	DALE-PERKINS	0.163	0.114	41,858.780							3-Nov-93	Operational		
			2	DALE-PERKINS	0.163	0.114	40,347.010							3-Nov-93	Operational		
			3	DALE-PERKINS	0.250	0.175	38,111.500							13-Dec-04	Operational		
			Total :			0.576	0.403		0.380	0.080	0.174	0.023	0.380				
76	76	MARIPPI DPP, Biliran (12 hours operation) 12:00PM-12:00MN (MMPC)	1	DALE-PERKINS	0.163	0.114	45,129.490							26-Sep-94	Operational		
			2	DALE-PERKINS	0.163	0.114	43,400.370							26-Sep-94	Operational		
			3	CUMMINS	0.150	0.105	13,272.300							19-Oct-98	Operational		
Total :			0.476	0.333		0.196	0.068	0.133	0.137	0.227							
77	77	LIMASAWA DPP, Leyte (12 hours operation) 1:00PM-1:00AM (SOLECO)	1	DALE-PERKINS	0.163	0.140	36,783.220							26-Jul-95	Operational		
			2	DALE-PERKINS	0.163	0.140	20,883.040							24-Jul-02	Operational		
			Total :			0.326	0.280		0.175	0.040	0.110	0.105	0.175				
78	78	ZUMARRAGA DPP, Western Samar (24 hours operation) (SAMELCO II)	1	DALE-PERKINS	0.163	0.114	55,769.430							14-Jun-94	Operational		
			2	DALE-PERKINS	0.163	0.114	29,633.820							13-Sep-94	Operational		
			3	DALE-PERKINS	0.163	0.114	34,651.320							14-Jun-09	Operational		
			4	PERKINS	0.100	0.070	6,353.120							1-Mar-09	Operational		
Total :			0.589	0.412		0.299	0.072	0.143	0.113	0.300							
79	79	TAGAPUL-AN DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (SAMELCO I)	1	DALE-PERKINS	0.163	0.114	19,075.610							3-Aug-96	Operational		
			2	DALE-PERKINS	0.100	0.070	0.000								8-Feb-09	Operational	
			Total :			0.263	0.184		0.092	0.037	0.062	0.092	0.094				
80	80	ALMAGRO DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (SAMELCO I)	1	PERKINS	0.163	0.114	32,452.150							5-Apr-97	Operational		
			3	DALE-PERKINS	0.100	0.080	9,534.010								18-Sep-09	Operational	
			Total :			0.263	0.194		0.090	0.025	0.057	0.104	0.101				
81	81	STO. NINO DPP, Western Samar (8 hours operation) 3:30PM-11:30PM	1	DALE-PERKINS	0.163	0.140	25,861.700							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 Note: error entry in MOR
			Total :			0.163	0.140		0.135	0.038	0.086	0.005	0.135				
82	82	SAN ANTONIO DPP, Northern Samar (18 hours operation) 12:00NN-6:00AM (NORSAMELCO)	1	DALE-PERKINS	0.163	0.138	15,863.700							1-Nov-96	Operational		
			2	DALE-PERKINS	0.250	0.190	41,612.850								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
Total :			0.576	0.328		0.169	0.052	0.107	0.159	0.267							

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)						
79	83	CAPUL DPP, Northern Samar (8 hours operation) 4:00PM-12:00MN (NORSAMELCO)	1	DALE-PERKINS	0.163	0.114	31,619.920						1-Jul-95	Operational		
			2	DALE-PERKINS	0.163	0.114	30,775.630							1-Jul-95	Operational	
			Total:		0.326	0.228		0.213	0.080	0.144	0.015	0.254				
80	84	SAN VICENTE DPP, Northern Samar (8 hours operation) 5:00PM-1:00AM (NORSAMELCO)	1	DALE-PERKINS(VIS)	0.163	0.160	0.000						26-May-97	Operational		
			2	PERKINS(VIS)	0.100	0.098	0.000							12-Mar-09	Operational	
			Total:		0.263	0.258		0.079	0.035	0.075	0.179	0.085				
81	85	BIRI DPP, Northern Samar (12 hours operation) 12:00NN-12:00MN (NORSAMELCO)	1	DALE-PERKINS	0.163	0.114	30,304.610						4-Dec-97	Operational		
			2	DALE-PERKINS	0.163	0.114	36,547.960							6-Dec-97	Operational	
			3	DALE PERKINS	0.163	0.114	17,181.510							12-Aug-09	Operational	
			Total:		0.489	0.342		0.139	0.050	0.085	0.203	0.228				
82	86	BATAG DPP, Northern Samar (6 hours operation) 5:00PM-11:00PM (NORSAMELCO)	1	CUMMINS	0.050	0.000	0.000						19-Mar-13	Unoperational	No operation due to damaged distribution line caused by typhoon 'Nona'	
			Total:		0.050	0.000		0.000	0.000	0.000	0.000	0.030				
83	87	BAGONGBANWA DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.038	0.027	31,347.000						23-Dec-99	Operational		
			Total:		0.038	0.027		0.0198	0.0043	0.0169	0.0068	0.0241				
84	88	BALICASAG DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.038	0.027	31,651.240						23-Dec-99	Operational	0.000	
			Total:		0.038	0.027		0.0270	0.0140	0.0256	0.0000	0.0270				
85	89	BATASAN DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.056	0.039	34,020.500						23-Dec-99	Operational		
			Total:		0.056	0.039		0.0161	0.0037	0.0110	0.0231	0.0291				
86	90	BILANGBILANGAN DPP, Bohol (4 hours operation) 6:00PM-10:00MN (BOHECO I)	1	PERKINS	0.020	0.014	28,605.250						23-Dec-99	Operational		
			Total:		0.020	0.014		0.0077	0.0022	0.0063	0.0063	0.0093				
87	91	CUAMING DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.086	0.060	30,970.990						23-Oct-99	Operational		
			Total:		0.086	0.060		0.0410	0.0160	0.0343	0.0190	0.0410				
88	92	HAMBONGAN DPP, Bohol (4 hours operation) 6:00PM-10:00PM (BOHECO I)	1	PERKINS	0.020	0.014	28,461.700						23-Dec-99	Operational		
			Total:		0.020	0.014		0.0099	0.0030	0.0099	0.0041	0.0099				
89	93	MANITAO DPP, Bohol (4 hours operation) 6:00PM-10:00PM (BOHECO I)	1	PERKINS	0.038	0.027	27,725.710						23-Dec-99	Operational		
			Total:		0.038	0.027		0.0170	0.0090	0.0156	0.0100	0.0170				
90	94	MOCABOC DPP, Bohol (5 hours operation) 6:00PM-11:00PM (BOHECO I)	1	CUMMINS	0.020	0.014	32,090.500						23-Dec-99	Operational		
			Total:		0.020	0.014		0.0102	0.0032	0.0093	0.0038	0.0153				

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
91	95	PAMILACAN DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.056	0.039	32,098.770						23-Dec-99	Operational	
				Total :	0.056	0.039		0.0290	0.0130	0.0256	0.0102	0.0290			
92	96	PANGAPASAN DPP, Bohol (5 hours operation) 6:00PM-11:00PM (BOHECO I)	1	PERKINS	0.015	0.014	28,869.000						23-Dec-99	Operational	
				Total :	0.015	0.014		0.0127	0.0043	0.0096	0.0008	0.0130			
93	97	UBAY DPP, Bohol (5 hours operation) 6:00PM-11:00PM (BOHECO I)	1	KUBOTA	0.012	0.008	7,083.000						23-Dec-99	Operational	
				Total :	0.012	0.008		0.0047	0.0021	0.0033	0.0037	0.0049			
94	98	CABUL-AN DPP DPP, Bohol (6 hours operation) 6:00PM-12:00MN (BOHECO I)	1	CUMMINS	0.064	0.056	3,655.400						14-Nov-13	Operational	
				Total :	0.064	0.056		0.0550	0.0230	0.0424	0.0013	0.0550			
III. SPUG - MINDANAO :															
A. WESTERN MINDANAO AREA:															
Basilan Grid															
95	99	BASILAN DPP, Basilan (24 hours operation) (BASELCO)	1	CKD	1.224	0.800	19,736.800						7-Sep-98	Operational	
			4	CUMMINS	0.545	0.430	4,769.970						3-Aug-11	Operational	
			5	CUMMINS	0.545	0.430	6,959.140						3-Aug-11	Operational	
			6	CUMMINS	0.545	0.430	5,384.400						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	18,555.000						25-Sep-13	Operational	Contracted Capacity: 2 MW
			8	CATERPILLAR-RENTAL	1.500	1.000	15,987.000						25-Sep-13	Operational	Contract Period: 01 Aug 2015 to 31 Jul 2016
			9	CATERPILLAR-RENTAL	1.500	1.000	21,627.600						25-Sep-13	Operational	
			13	CATERPILLAR-RENTAL	0.600	0.500	5,094.000						25-Sep-13	Operational	Contracted Capacity: 1.5 MW
				Sub-total (rental)	5.100	3.500									Contract Period: 04 Dec 2015 to 03 Dec 2016
				Total :	7.959	5.590									
100		POWER BARGE 119, Basilan (24 hours operation) (BASELCO)	1	DAIHATSU	1.800	1.300	83,324.150						1-Jun-95	Operational	
			3	DAIHATSU	1.800	1.300	116,015.240						1-Jun-95	Operational	
			4	DAIHATSU	1.800	1.300	111,893.490						1-Jun-95	Operational	
				Sub-total	5.400	3.900									
				Total Basilan Grid :	13.359	9.490		7.482	0.000	2.496	2.008	7.482			
96	101	JOLO DPP, Sulu (24 hours operation) (SULECO)	1	DAIHATSU	1.800	1.050	144,002.210						1-May-95	Operational	
			3	DAIHATSU	1.800	1.200	153,455.110						2-May-95	Operational	
				Sub-total (owned)	3.600	2.250									
		MONARK EQUIPMENT CORP. (RENTAL)	5	CAT	1.500	1.200	5,575.440						22-Oct-08	Operational	Contracted Capacity: 3 MW
			6	CAT	1.500	1.200	11,325.640						26-Dec-12	Operational	Contract Period: 17 Jan 2016 to 16 Jan 2017 (extended)
			7	CAT	1.500	1.200	2,133.400						26-Dec-12	Operational	
			8	CAT-RENTAL	1.500	1.200	7,082.060						1-Jun-14	Operational	Contracted Capacity: 3 MW
			9	CAT-RENTAL	1.500	1.200	11,901.930						1-Jun-14	Operational	Contract Period: 25 Jul 2015 to 24 Jul 2016
			10	CAT-RENTAL	1.500	1.200	5,756.110						5-Mar-14	Operational	
			11	CAT-RENTAL	0.600	0.480	8,428.440						1-Jun-14	Operational	
			12	CAT-RENTAL	0.600	0.480	7,275.970						1-Sep-14	Operational	
				Sub-total (rental)	10.200	8.160									
				Total :	13.800	10.410		7.760	3.710	5.682	2.650	8.230			

**SMALL POWER UTILITIES GROUP**  
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As of January 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 SYSTEM DEMAND (2016)	COMM'NG DATE	STATUS	REMARKS	
			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)						
97	102	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: no tentative date of restoration	
			3	CUMMINS	0.150	0.140	0.000						14-Jun-06	Operational		
			Total :		0.325	0.140		0.000	0.000	0.000	0.000	0.140	0.000			
98	103	SIASI DPP, Sulu  (24 hours operation) (SIASELCO)	3	PERKINS	0.600	0.420	3,321.230						30-Apr-14	Operational		
			4	DALE-PERKINS	0.260	0.180	45,561.110						1-Oct-91	Operational		
			5	MAN-DIESEL	0.500	0.380	29,373.200						24-May-08	Operational		
			6	MAN-DIESEL	0.500	0.380	29,404.200						25-May-08	Operational		
			Total :		1.860	1.360		0.660	0.210	0.413	0.700	0.680				
			<b>Tawi-Tawi (Mainland) Grid</b>													
99	104	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: no tentative date of restoration; PR still on process	
			4	PERKINS	0.544	0.450	9,976.250						7-Feb-09	Operational		
			Sub-total (owned)		1.088	0.450										
			5	CAT-RENTAL	1.500	1.100	6,111.000							29-Jun-14		Operational
			6	CAT-RENTAL	0.454	0.450	6,134.000							29-Jun-14		Operational
			Sub-total (rental)		1.954	1.550										
Total		3.042	2.000													
100	105	POWER BARGE 108, Tawi-Tawi  (24 hours operation) (TAWELCO)	1	DAIHATSU	1.800	0.000	88,257.250						1-Mar-92	Unoperational	Unit was declared deactivated due to connecting rod ovality deformation for further technical evaluation from MMTSD personnel.	
			2	DAIHATSU	1.800	1.200	47,265.450						1-Mar-92	Operational		
			3	DAIHATSU	1.800	1.200	92,647.100						1-Mar-92	Operational		
			Sub-total		5.400	2.400										
			Total Bongao Grid :		8.442	4.400		3.200	0.850	1.177	1.200	3.760				
100	106	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	25,313.920						13-Jan-97	Operational		
			2	DALE-PERKINS	0.163	0.140	24,800.000						1-Jul-98	Operational		
			3	CUMMINS	0.150	0.120	3,295.500						12-Oct-11	Operational		
			4	CUMMINS	0.250	0.190	6,139.800						4-Mar-11	Operational		
			Total :		0.726	0.590		0.210	0.085	0.130	0.380	0.210				
101	107	TANDUBAS DPP, Tawi-Tawi  (8 hours operation) From 4:00PM-12:00MN (TAWELCO)	3	CUMMINS	0.150	0.145	11,854.170						6-Aug-09	Operational		
			Total :		0.150	0.145		0.144	0.079	0.112	0.001	0.144				
102	108	SIBUTU DPP, Tawi-Tawi  (8 hours operation) From 4:00PM-12:00MN (TAWELCO)	1	DALE-PERKINS	0.163	0.140	37,480.720						2-Nov-98	Operational		
			2	DALE-PERKINS	0.163	0.140	24,725.990						12-Apr-03	Operational		
			Total :		0.326	0.280		0.260	0.085	0.149	0.020	0.280				

**SMALL POWER UTILITIES GROUP**  
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As of January 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)						
109	103	SITANGKAY DPP, Tawi-Tawi (8 hours operation) 6:00PM-2:00AM (TAWELCO)	1	CUMMINS	0.280	0.200	1,948.100						19-Aug-09	Operational		
			3	PERKINS 2800	0.544	0.450	2,308.320						27-Feb-10	Operational		
			Total :		0.824	0.650		0.308	0.168	0.250	0.342	0.330				
110	104	MANUK-MANGKAW DPP, Tawi Tawi (6 hours operation) 6:00PM-12:00MN (TAWELCO)	1	DALE-PERKINS	0.163	0.150	36,560.930						14-Jul-97	Operational		
			Total :		0.163	0.150		0.095	0.040	0.089	0.055	0.100				
111	105	WEST SIMUNUL DPP, Tawi-Tawi (8 hours operation) 4:00PM-12:00MN (TAWELCO)	2	CUMMINS-2	0.250	0.215	6,835.150						10-Aug-09	Operational		
			3	DALE-PERKINS	0.260	0.250	50,461.160						25-Sep-02	Operational		
			4	PERKINS	0.163	0.150	7,744.670						30-Mar-11	Operational		
			Total :		0.673	0.615		0.300	0.160	0.229	0.315	0.300				
112	106	CAG DE TAWI* DPP, Tawi-Tawi (8 hours operation) 6:00PM-2:00AM (CASELCO)	1	DALE-PERKINS	0.260	0.200	0.000						26-Sep-92	Operational		
			2	DALE-PERKINS	0.260	0.000	0.000						26-Sep-92	Unoperational	Defective alternator, for rewinding but lacking of mechanical parts. No date of restoration.	
			3	MAN	0.500	0.450	15,861.460						16-Oct-08	Operational		
			Total :		1.020	0.650		0.420	0.275	0.337	0.230	0.430				
113	107	TANDUBANAK DPP, Tawi-Tawi (8 hours operation) 5:00PM-1:00AM (TAWELCO)	1	Cummins	0.275	0.190	7,545.000						22-Aug-09	Operational		
			2	CUMMINS	0.160	0.100	5,958.000						22-Aug-09	Operational		
			Total :		0.435	0.290		0.184	0.090	0.140	0.106	0.188				
114	108	SACOL DPP, Zamboanga (8 hours operation) 4:00PM-12:00MN (ZAMCELCO)	1	CUMMINS	0.150	0.150	16,514.980						6-Sep-08	Operational		
			Total :		0.150	0.150		0.085	0.044	0.069	0.065	0.087				
<b>B. EASTERN MINDANAO AREA:</b>																
<b>Dinagat Grid</b>																
115	109	DINAGAT DPP, Dinagat (24 hours operation) (DIELCO)	1	MAN	0.500	0.380	25,101.010						22-Sep-09	Operational		
			2	MAN	0.500	0.380	23,799.020						22-Sep-09	Operational		
			3	CUMPER-PERKINS	0.275	0.190	35,969.130						27-Feb-05	Operational		
			4	CUMPER	0.275	0.190	39,483.400						17-Jul-05	Operational		
			5	CUMPER	0.275	0.190	36,307.890						25-Nov-04	Operational		
			6	CUMPER	0.275	0.190	37,391.890						24-Nov-04	Operational		
			7	CUMPER	0.275	0.190	39,668.910						17-Jul-05	Operational		
			Sub-total (owned)		2.375	1.710										
			9	CAT-RENTAL	0.680	0.540	3,876.700							1-Dec-14	Operational	Contracted Capacity: 2 MW
			10	CAT-RENTAL	0.455	0.375	3,016.000							1-Dec-14	Operational	Contract Period: 03 Feb 2015 to 02 Feb 2016
			11	CAT-RENTAL	0.680	0.540	5,099.400							1-Dec-14	Operational	
			12	CAT-RENTAL	1.000	0.800	7,047.900							1-Dec-14	Operational	
			13	CAT-RENTAL	0.600	0.450	9,161.200							1-Jan-15	Operational	
Sub-total (rental)		3.415	2.705													
Total		5.790	4.415													
116	110	LORETO DPP, Dinagat Back-Up/On Standby (DIELCO)	3	MAN'S	0.500	0.380	12,696.110						6-Oct-07	Operational		
			Sub-total		0.500	0.380										
Total Dinagat Grid :		6.290	4.795		3.063	1.264	1.578	1.732	3.063							
117	110	HIKDOP DPP, Surigao del Norte (7 hours operation) 5:00PM-12:00MN (SURNECO)	1	DALE-PERKINS	0.163	0.155	37,708.020						5-Sep-93	Operational		
			2	CUMMINS	0.120	0.106	6,982.000						6-Oct-10	Operational		
			Total :		0.283	0.261		0.112	0.045	0.081	0.149	0.113				

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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)							
111	118	KALAMANSIG DPP, Sultan Kudarat (24 hours operation)  (SUKELCO)	1	EG WILSON PERKINS	0.600	0.350	21,408.000						12-Jul-09	Operational			
			3	PERKINS	0.600	0.350	13,849.000							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	0.150	94,133.000							1-Mar-97	Operational		
			6	PERKINS	0.560	0.300	61,278.000							11-Jul-09	Operational		
			7	DALE PERKINS	0.260	0.150	84,089.000							1-Apr-97	Operational		
			<b>Sub-total (owned)</b>			<b>2.820</b>	<b>1.300</b>										
			0	MITSUBISHI rental-8	1.080	0.800	1,712.000								24-Oct-15	Operational	Contracted Capacity: 1 MW
			9	KOMATSU	0.320	0.250	16,613.000								21-Aug-13	Operational	Contract Period: 21 Nov 2014 to 20 May 2016 (extended)
			10	KOMATSU	0.320	0.250	17,437.000								21-Aug-13	Operational	Contracted Capacity: 0.5 MW
			11	KOMATSU	0.320	0.250	17,843.000								21-Aug-13	Operational	Contract Period: 20 Jul 2015 to 19 Jan 2016
			12	KOMATSU	0.320	0.250	16,132.000								21-Aug-13	Operational	Contracted Capacity: 0.5 MW
			13	KOMATSU	0.320	0.250	5,612.000								20-Jul-15	Operational	Contract Period: 25 Oct 2015 to 24 Apr 2016
			14	KOMATSU	0.320	0.250	16,814.000								20-Jul-15	Operational	
			15	KOMATSU	0.320	0.250	19,000								20-Jul-15	Operational	
			16	KOMATSU	0.320	0.250	19,000								20-Jul-15	Operational	
<b>Sub-total (rental)</b>			<b>3.640</b>	<b>2.800</b>													
<b>Total :</b>			<b>6.460</b>	<b>4.100</b>				<b>3.162</b>	<b>1.099</b>	<b>1.950</b>	<b>0.938</b>	<b>3.190</b>					
112	119	NINOY AQUINO DPP, Sultan Kudarat (14 hours operation) From 09:00AM-11:00PM (SUKELCO)	1	DALE PERKINS	0.163	0.145	44,748.760						27-Mar-98	Operational			
			2	DALE PERKINS	0.260	0.180	50,921.260							22-Mar-98	Operational		
			3	PERKINS	0.260	0.180	44,859.740							11-May-11	Operational		
			4	PERKINS	0.163	0.145	44,672.740							1-Feb-15	Operational		
<b>Total :</b>			<b>0.846</b>	<b>0.650</b>				<b>0.630</b>	<b>0.230</b>	<b>0.385</b>	<b>0.020</b>	<b>0.649</b>					
113	120	PALIMBANG DPP, Sultan Kudarat (8 hours operation) 3:00PM-11:00PM (SUKELCO)	1	DALE PERKINS	0.163	0.150	38,947.520						28-Apr-99	Operational			
			2	Cummins	0.275	0.000	6,430.710							21-Dec-10	Unoperational	For replacement of circuit breaker; awaiting for the delivery; no date of restoration	
			3	DALE PERKINS	0.260	0.160	82,112.200							12-May-13	Operational		
<b>Total :</b>			<b>0.698</b>	<b>0.310</b>				<b>0.298</b>	<b>0.052</b>	<b>0.215</b>	<b>0.012</b>	<b>0.341</b>					
114	121	BALUT DPP, Davao del Sur (16 hours operation) 12:00NN-4:00AM (DASURECO)	1	DALE PERKINS	0.163	0.160	27,042.510						27-Sep-97	Operational			
			2	DALE PERKINS	0.163	0.160	24,554.260							16-Jan-98	Operational		
			3	DALE PERKINS	0.163	0.160	47,990.740							11-Nov-15	Operational	November 11, 2015 - Test & Commissioning	
<b>Total :</b>			<b>0.489</b>	<b>0.480</b>				<b>0.166</b>	<b>0.050</b>	<b>0.089</b>	<b>0.314</b>	<b>0.172</b>					
115	122	TALICUD DPP, Davao del Norte (16 hours operation) 12:00NN-4:00AM (DANECCO)	1	DALE PERKINS	0.163	0.145	40,726.740						26-Aug-96	Operational			
			2	DALE PERKINS	0.163	0.145	29,349.330							26-Aug-96	Operational		
			3	DALE PERKINS	0.260	0.190	43,802.370							18-Dec-91	Operational		
<b>Total :</b>			<b>0.586</b>	<b>0.480</b>				<b>0.282</b>	<b>0.100</b>	<b>0.154</b>	<b>0.198</b>	<b>0.282</b>					



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			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>113.137</b>	<b>77.483</b>	<b>56.479</b>	<b>24.194</b>	<b>28.008</b>	<b>34.724</b>
Land-Based	60	96.588	72.339				
Power Barge	3	12.540	1.400				
Mini-Grid	3	0.469	0.446				
Wind	1	0.180	0.000				
Hydro	1	1.800	1.800				
PRES	153	1.560	1.498				
<b>TOTAL VISAYAS</b>	<b>45</b>	<b>15.142</b>	<b>8.388</b>	<b>5.767</b>	<b>2.284</b>	<b>3.465</b>	<b>2.621</b>
Land-Based	29	9.756	6.343				
Power Barge	2	4.380	1.250				
Mini-Grid	14	1.006	0.794				
<b>TOTAL MINDANAO</b>	<b>24</b>	<b>57.905</b>	<b>40.396</b>	<b>28.821</b>	<b>8.636</b>	<b>15.723</b>	<b>11.575</b>
Land-Based	22	47.105	34.096				
Power Barge	2	10.800	6.300				
<b>TOTAL PHILIPPINES</b>	<b>290</b>	<b>186.184</b>	<b>126.266</b>	<b>91.067</b>	<b>35.114</b>	<b>47.196</b>	<b>48.919</b>

Note: Parameters of Banton DPP was excluded due to no submission of MOR as of 20 June 2016