

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

Grid No.	Plant No.	PLANT, PROVINCE (Operating Hours) Time of Operation (Distribution Utility)	GENSETS PARTICULARS				ACCUMULATED RUNNING HOURS	SYSTEM DEMAND			GROSS RESERVE (DEFICIENCY)	MAXIMUM SYTEM DEMAND (2017)	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	BOAC DPP, Marinduque (24 hours operation) (MARELCO)	1	KCKD	1,224	1,000	46,621,400					13-Jun-97	Operational		
			2	KCKD	1,224	1,000	36,587,200					13-Jun-97	Operational		
			3	KCKD	1,224	1,000	42,735,600					13-Jun-97	Operational		
				<b>Sub-total (owned)</b>	<b>3,672</b>	<b>3,000</b>									
		<b>MONARK EQUIPMENT CORP. (RENTAL)</b>	5	MONARK-RENTAL	5,715	4,000	29,626,660					1-Dec-16	Operational	Contracted Capacity: 4 MW Contract Period: 15 Sep 2016 to 14 Sep 2017	
				<b>Sub-total (rental)</b>	<b>5,715</b>	<b>4,000</b>									
				<b>Total</b>	<b>9,387</b>	<b>7,000</b>									
1	2	TORRIJOS DPP, Marinduque back-up (MARELCO)	2	PERKINS	0,500	0,460	2,808,290					9-Mar-07	Operational		
				<b>Sub-total</b>	<b>0,500</b>	<b>0,460</b>									
	3	POWER BARGE 120, Marinduque (24 hours operation) (MARELCO)	1	DAIHATSU	1,800	1,100	88,738,970					15-Jun-95	Operational		
			2	DAIHATSU	1,800	1,300	59,519,290					15-Jun-95	Operational		
			3	DAIHATSU	1,800	0,300	92,832,410					15-Jun-95	Operational		
			4	DAIHATSU	1,800	1,300	91,605,120					15-Jun-95	Operational		
				<b>Sub-total</b>	<b>7,200</b>	<b>4,000</b>									
				<b>Total Marinduque Grid :</b>	<b>17,087</b>	<b>11,460</b>		<b>7.500</b>	<b>3.760</b>	<b>4.065</b>	<b>3.960</b>	<b>7.500</b>			
2	4	MANIWAYA DPP, Marinduque (8 hours operation) 3:00PM-11:00PM (MARELCO)	1	PERKINS	0,054	0,050	16,124,320					1-Nov-08	Operational		
			2	PERKINS	0,050	0,048	14,654,110					5-Jun-09	Operational		
				<b>Total :</b>	<b>0,104</b>	<b>0,098</b>		<b>0,0479</b>	<b>0,0115</b>	<b>0,0321</b>	<b>0,0501</b>	<b>0,0479</b>			
3	5	MONGPONG DPP, Marinduque (8 hours operation) 3:00PM-11:00PM (MARELCO)	1	PERKINS	0,054	0,050	22,795,910					1-Nov-08	Operational		
			2	PERKINS	0,050	0,048	8,399,450					26-Jun-09	Operational		
				<b>Total :</b>	<b>0,104</b>	<b>0,098</b>		<b>0,0401</b>	<b>0,0054</b>	<b>0,0242</b>	<b>0,0579</b>	<b>0,0401</b>			
4	6	POLO DPP, Marinduque (8 hours operation) 3:00PM-11:00PM (MARELCO)	1	PERKINS	0,042	0,040	5,205,100					1-Nov-08	Operational		
			2	PERKINS	0,050	0,048	14,430,140					25-Jun-09	Operational		
				<b>Total :</b>	<b>0,092</b>	<b>0,088</b>		<b>0,0211</b>	<b>0,0038</b>	<b>0,0140</b>	<b>0,0669</b>	<b>0,0211</b>			

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)							
5	7	POLILIO DPP, Quezon  (24 hours operation) (QUEZELCO II)	1	MAN-DIESEL	0.500	0.450	34,156.430						20-Jan-10	Operational			
			2	MAN-DIESEL	0.500	0.450	33,898.850						19-Nov-09	Operational			
			4	CUMMINS	0.672	0.600	44.000						1-Feb-17	Under test & commissioning	For commercial operation; tested & commissioned; pending completion of items on the punch list		
			5	CUMMINS	0.672	0.600	44.000						1-Feb-17	Under test & commissioning	For commercial operation; tested & commissioned; pending completion of items on the punch list		
			6	DALE-PERKINS	0.560	0.000	36,674.200						1-Jan-90	Non-operational	Non-operational since 27 May 2016 due to damaged crankshaft; PR of the spare parts needed for restoration is currently under procurement process; will be restored upon acquisition of the replacement part (PR no. S1-POL16-013 status: PMP adjustment for approval)		
			7	DALE-PERKINS	0.260	0.250	25,829.640						21-Nov-96	Operational			
			8	FG-WILSON	0.315	0.300	2,136.110						14-Apr-16	Operational			
			10	CUMMINS	0.672	0.600	49.000						1-Feb-17	Under test & commissioning	For commercial operation; tested & commissioned; pending completion of items on the punch list		
			11	CUMMINS	0.672	0.600	46.000						1-Feb-17	Under test & commissioning	For commercial operation; tested & commissioned; pending completion of items on the punch list		
			Sub-total (owned):			4.823	3.850										
			12	SCAT-RENTAL	0.600	0.600	6,678.000							1-Aug-16	Operational	Contracted Capacity: 0.6 MW	
			13	SCAT-RENTAL	0.600	0.600	9,536.700							1-Aug-16	Operational	Contract Period: 29 Apr 2016 to 28 Apr 2017	
			14	SCAT-RENTAL	0.600	0.600	4,217.000							1-Aug-16	Operational		
			Sub-total (rental):			1.800	1.800										
Total:			6.623	5.650		1.204	0.223	0.645	4.446	1.284							
6	8	JOMALIG DPP, Quezon  (16 hours operation) 01:00PM-05:00AM (QUEZELCO II)	1	DALE-PERKINS	0.163	0.150	22,755.000						1-Dec-97	Operational			
			2	PERKINS	0.260	0.240	65,547.570						1-Jan-00	Operational			
			3	FG-WILSON	0.193	0.160	728.200						26-Oct-16	Operational			
			Total:			0.616	0.550		0.125	0.055	0.071	0.425	0.140				
7	9	PATNANUNGAN DPP, Quezon  (16 hours operation) 01:00PM-05:00AM (QUEZELCO II)	1	DALE-PERKINS	0.163	0.150	33,883.120						27-Nov-97	Operational			
			2	DALE-PERKINS	0.260	0.250	3,109.630						19-Jan-93	Operational			
			3	FG-WILSON	0.193	0.160	1,105.100						1-Sep-16	Operational			
			Total:			0.616	0.560		0.168	0.060	0.099	0.392	0.195				
8	10	BASCO DPP, Batanes  (24 hours operation) (BATANELCO)	1	STAMFORD-PERKINS	0.500	0.400	23,387.840						7-Aug-04	Operational			
			8	MAN B&W	0.500	0.400	55,478.130						2-Apr-03	Operational			
			10	CUMMINS	0.672	0.600	39.590						10-Feb-17	Operational			
			11	CUMMINS	0.672	0.600	39.200						10-Feb-17	Operational			
			12	CUMMINS	0.672	0.600	0.000						10-Feb-17	Operational			
			13	CUMMINS	0.724	0.600	39.930						10-Feb-17	Operational			
			Sub-total (owned):			3.740	3.200										
			9	MONARK-(RENTAL)	1.445	1.100	23,051.000							21-Jun-14	Operational	Contracted Capacity: 1.1 MW	
			Sub-total (rental):			1.445	1.100										
			Total:			5.185	4.300										
			11	WIND TURBINE, Batanes  On Standby		1	Vergnet	0.060	0.000	6,824.000						7-Aug-04	Non-operational
2	Vergnet	0.060				0.000	4,885.000						7-Aug-04	Non-operational			
3	Vergnet	0.060				0.000	5,568.000						7-Aug-04	Non-operational			
Sub-total:						0.180	0.000										
Total Grid:						5.365	4.300		1.015	0.309	0.589	3.285	1.015				

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)								
9	12	SABTANG DPP, Batanes  (24 hours operation) (BATANELCO)	1	DALE-PERKINS	0.163	0.150	66,431.720						15-Jan-93	Operational				
			2	DALE-PERKINS	0.163	0.000	23,998.180						15-Jan-93	Non-operational	Non-operational since 08 July 2016 due to PMS, repainting of genset and its radiator is for replacement; PR still on process; alternate solution is immediate repair of old radiator from Basco DPP - target date of restoration is on the 2nd week of May 2017			
			3	FG-WILSON	0.193	0.160	1,258.600						1-Sep-16	Operational				
			4	PERKINS	0.110	0.088	46,230						1-Feb-17	Operational				
			5	PERKINS	0.110	0.088	41,200						1-Feb-17	Operational				
			Total :			0.739	0.486		0.103	0.032	0.057	0.383	0.103					
10	13	ITBAYAT DPP, Batanes  (24 hours operation) (BATANELCO)	1	DALE-PERKINS	0.163	0.150	49,263.380						1-Dec-96	Operational				
			2	DALE-PERKINS	0.163	0.150	41,728.870						1-Dec-96	Operational				
			3	FG-WILSON	0.193	0.160	946.900						1-Sep-16	Operational				
			4	PERKINS	0.110	0.100	59,100						1-Feb-17	Operational				
			5	PERKINS	0.110	0.100	59,950						1-Feb-17	Operational				
			Total :			0.739	0.660		0.124	0.033	0.062	0.536	0.124					
11	14	CALAYAN DPP, Cagayan  (12 hours operation) 12:00NN-12:00MN  (LGU-CALAYAN)	1	DALE-PERKINS	0.163	0.150	27,020.170						22-Aug-92	Operational				
			2	DALE-PERKINS	0.163	0.150	38,219.370						22-Aug-92	Operational				
			3	FGWILSON	0.100	0.000	10,984.000						3-Mar-08	Non-operational	Non-operational since 20 Nov 2016 due to overhauling activities (PMS); awaiting for the arrival of bush and gear tensioner for replacement of defective mechanical parts; tentative date of restoration is on 23 Mar 2017			
			4	FG-WILSON	0.315	0.000	690.810						26-Sep-16	Non-operational	Non-operational since 22 Dec 2016 due to low resistance of the main stator; the unit is still under warranty and subject for troubleshooting by the supplier; tentative date of restoration is on the 4th week of March 2017			
			Total :			0.741	0.300		0.137	0.057	0.075	0.163	0.147					
			12	15	KABUGAO DPP, Apayao  (24 hours operation) (KAELCO)	1	DALE-PERKINS	0.260	0.250	62,296.540						8-Mar-93	Operational	
2	DALE-PERKINS	0.163				0.150	63,001.320						27-Oct-93	Operational				
3	CKD	0.220				0.000	45,706.150						28-Sep-96	Non-operational	Non-operational on 31 Dec 2016; unit for decommissioning			
4	CUMMINS	0.336				0.300	11,400						1-Jan-17	Operational				
Total :						0.979	0.700		0.172	0.042	0.082	0.528	0.172					
13	16	PALANAN DPP, Isabela  (12 hours operation) 12:00NN-12:00MN (ISELCO II)				1	DALE-PERKINS	0.163	0.150	28,605.700						1-Aug-95	Operational	On standby; no operation due to damaged distribution line of ISELCO II caused by typhoon "LAWIN"
			2	DALE-PERKINS	0.260	0.250	27,072.400						1-Aug-95	Operational				
			3	FG WILSON	0.100	0.090	2,603.500						14-Apr-09	Operational				
			Total :			0.523	0.490		0.000	0.000	0.000	0.490	0.000					
			14	17	CASIGURAN DPP, Aurora  (24 hours operation) (AURELCO)	1	MAN	0.500	0.430	46,533.420						12-Jul-04	Operational	
						2	MAN	0.500	0.450	55,423.390						12-Jul-04	Operational	
4	DALE-PERKINS	0.260				0.180	50,354.950						6-Dec-13	Operational				
5	DALE-PERKINS	0.675				0.450	15,095.470						2-Aug-92	Operational				
6	CUMMINS	0.724				0.600	3,430.480						23-May-16	Operational				
Total :						3.331	2.710		0.835	0.184	0.420	1.875	0.928		30-Jan-17	Under test & commissioning	For commercial operation; tested & commissioned; pending completion of items on the punch list	
14	Eco Market Solutions, Inc. (EMS)	1	Biomass	0.250	0.000							2013	Non-operational	EMS did not resume their operation after being damaged by typhoon on 12 Aug 2013				

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)							
<b>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	2,924.350						1-Jun-83	Operational			
			2	SFW 900-10/1430	0.900	0.900	137,386.060							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	52,250.000							30-Jul-99	Operational		
			2	DALE-PERKINS	0.560	0.450	3,181.000							26-Feb-01	Operational		
			3	DALE-PERKINS	0.560	0.450	48,388.000							7-May-14	Operational		
			4	DALE-PERKINS	0.560	0.450	45,614.000							31-May-14	Operational		
			5	CUMMINS	1.114	1.000	61.000								11-Aug-16	Operational	
			6	CUMMINS	1.114	1.000	1,510.000								11-Aug-16	Operational	
				<b>Sub-total</b>	<b>4.468</b>	<b>3.800</b>											
20	WIGA DPP, Catanduanes (24 hours operation) (FICELCO)		1	DALE-PERKINS	0.560	0.410	29,825.760							2-May-03	Operational		
			2	CUMMINS	0.500	0.350	1,859.810								31-Aug-12	Operational	
			3	CUMMINS	0.500	0.350	2,241.530								31-Aug-12	Operational	
			4	DALE-PERKINS	0.560	0.420	32,421.820								3-May-03	Operational	
							<b>Sub-total</b>	<b>2.120</b>	<b>1.530</b>								
				<b>Total Catanduanes (NPC) Grid :</b>	<b>8.388</b>	<b>7.130</b>											
NPP	Sun West Water & Electric Co. (Hitoma 1)		1	Hydro	1.500	1.150							2010	Operational			
NPP	Sun West Water & Electric Co. (Solong)		1	Hydro	2.100	2.000							2010	Operational	* - No data from NPP		
NPP	Sun West Water & Electric Co. (Solong)		1	Diesel	5.200	3.200							2010	Operational			
NPP	Catanduanes Power Generation (CPGI)		1	Bunker	3.600	3.000							2011	Operational			
				<b>Total Catanduanes Grid :</b>	<b>20.788</b>	<b>16.480</b>		<b>7.505</b>	<b>3.373</b>	<b>*</b>	<b>8.975</b>	<b>7.505</b>					
21	PALUMBANES DPP, Catanduanes (8 hours operation) 4:00PM-12:00MN (FICELCO)		1	CUMMINS	0.022	0.018	5,138.500						1-Feb-15	Operational			
				<b>Total :</b>	<b>0.022</b>	<b>0.018</b>		<b>0.0180</b>	<b>0.009</b>	<b>0.013</b>	<b>0.0000</b>	<b>0.018</b>					
22	RAPU-RAPU DPP, Albay (16 hours operation) 08:00AM-12:00MN (APEC)		1	DALE-PERKINS	0.163	0.145	39,926.660						1-Jan-05	Operational			
17			2	DALE-PERKINS	0.163	0.145	41,249.970							7-Nov-96	Operational		
			3	PERKINS	0.300	0.243	71.180								1-Nov-15	Operational	
			4	PERKINS	0.300	0.243	65.180								1-Nov-15	Operational	
			5	MAN-DIESEL	0.500	0.450	19,630.840								24-Oct-07	Operational	
			6	FG-WILSON	0.193	0.160	179.200								1-Nov-15	Operational	
				<b>Total :</b>	<b>1.619</b>	<b>1.386</b>		<b>0.330</b>	<b>0.162</b>	<b>0.205</b>	<b>1.056</b>	<b>0.360</b>					
23	BATAN DPP, Albay (8 hours operation) 4:00PM-12:00MN (APEC)		1	DALE-PERKINS	0.163	0.130	40,760.000							1-Aug-91	Operational		
			2	PERKINS	0.300	0.240	64.000								23-Sep-15	Operational	
			3	DALE-PERKINS	0.163	0.130	21,211.000								7-Nov-96	Operational	
			4	PERKINS	0.193	0.160	1,628.000								9-May-16	Operational	
				<b>Total :</b>	<b>0.819</b>	<b>0.660</b>		<b>0.260</b>	<b>0.040</b>	<b>0.182</b>	<b>0.400</b>	<b>0.260</b>					
<b>Masbate (Mainland) Grid</b>																	
NPP	DMCI Power Corporation		1	Bunker	24.400	21.200							2010	Operational	No data from NPP		
				<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)					
<b>Other Islands in Masbate</b>															
24	TICAO DPP, Masbate	(24 hours operation) (TISELCO)	1	FG-WILSON	0.315	0.300	963.180					14-Dec-15	Operational		
			5	MAN	0.500	0.400	24,741.670					25-Jan-02	Operational		
			<b>Sub-total (owned)</b>		<b>0.815</b>	<b>0.700</b>									
19	MONARK EQUIPMENT CORP. (RENTAL)		7	MONARK-(RENTAL)	1.600	1.600	34,021.180					26-Sep-12	Operational	Contracted Capacity: 1 MW Contract Period: 25 Aug 2016 to 24 Aug 2017  Contracted Capacity: 0.6 MW Contract Period: 26 Apr 2016 to 25 Apr 2017	
			<b>Sub-total (rental)</b>		<b>1.600</b>	<b>1.600</b>									
			<b>Total :</b>		<b>2.415</b>	<b>2.300</b>		<b>1.641</b>	<b>0.564</b>	<b>0.901</b>	<b>0.659</b>	<b>1.641</b>			
25	BURIAS DPP, Masbate	(16 hours operation) 8:00AM-12:00MN (LGU San Pascual)	1	DALE-PERKINS	0.260	0.200	53,089.000					13-Nov-94	Operational		
20			2	DALE-PERKINS	0.163	0.130	46,527.000					10-May-98	Operational		
			3	VOLVO	0.560	0.400	2,144.000					21-Sep-12	Operational		
			4	PERKINS	0.315	0.300	2,151.000					3-Dec-15	Operational		
			<b>Total :</b>		<b>1.298</b>	<b>1.030</b>		<b>0.243</b>	<b>0.067</b>	<b>0.134</b>	<b>0.787</b>	<b>0.262</b>			
26	GUINAWAYAN DPP, Masbate	(8 hours operation) 4:00PM-12:00MN (LGU - Placer)	1	FG-WILSON	0.035	0.028	22,372.900					1-May-07	Operational		
21			2	FG-WILSON	0.105	0.080	268.200					2-Aug-16	Operational		
			<b>Total :</b>		<b>0.140</b>	<b>0.108</b>		<b>0.0244</b>	<b>0.0109</b>	<b>0.0182</b>	<b>0.0836</b>	<b>0.0244</b>			
27	GILOTONGAN DPP, Masbate	(8 hours operation) 4:00PM-12:00MN (LGU - Cawayan)	1	FG-WILSON	0.090	0.080	19,960.320					1-May-07	Operational		
22			2	FG-WILSON	0.105	0.000	1,387.900					2-Aug-16	Non-operational	Non-operational since 08 Jan2017 due to burnt windings (under warranty); awaiting for the supplier's technician to rectify the problem; tentative date of restoration is on the 2nd week of May 2017	
			<b>Total :</b>		<b>0.195</b>	<b>0.080</b>		<b>0.0800</b>	<b>0.0280</b>	<b>0.0547</b>	<b>0.0000</b>	<b>0.0880</b>			
28	NABUCTOT DPP, Masbate	(8 hours operation) 4:00PM-12:00MN (LGU - Placer)	1	FG-WILSON	0.025	0.020	20,650.280					1-May-07	Operational		
23			<b>Total :</b>		<b>0.025</b>	<b>0.020</b>		<b>0.0156</b>	<b>0.0061</b>	<b>0.0145</b>	<b>0.0044</b>	<b>0.0158</b>			
29	PENA DPP, Masbate	(8 hours operation) 4:00PM-12:00MN (LGU - Cawayan)	1	FG-WILSON	0.090	0.072	20,849.150					1-May-07	Operational		
24			<b>Total :</b>		<b>0.090</b>	<b>0.072</b>		<b>0.0300</b>	<b>0.0060</b>	<b>0.0244</b>	<b>0.0420</b>	<b>0.0360</b>			
30	CHICO DPP, Masbate	(8 hours operation) 4:00PM-12:00MN (LGU - Cawayan)	1	FG-WILSON	0.035	0.028	19,617.150					1-May-07	Operational		
25			2	FG-WILSON	0.105	0.080	1,668.800					2-Aug-16	Operational		
			<b>Total :</b>		<b>0.140</b>	<b>0.108</b>		<b>0.0270</b>	<b>0.0100</b>	<b>0.0186</b>	<b>0.0810</b>	<b>0.0300</b>			
31	BARO DPP, Masbate	(8 hours operation) 4:00PM-12:00MN (LGU - Cawayan)	1	FG-WILSON	0.105	0.080	2,009.200					3-Apr-16	Operational		
26			2	FG-WILSON	0.105	0.080	613.700					3-Apr-16	Operational		
			<b>Total :</b>		<b>0.210</b>	<b>0.160</b>		<b>0.0300</b>	<b>0.0100</b>	<b>0.0196</b>	<b>0.1300</b>	<b>0.0340</b>			
32	DANCALAN DPP, Masbate	(8 hours operation) 4:00PM-12:00MN (LGU San Pascual)	1	FG-WILSON	0.080	0.065	8,949.400					27-May-12	Operational		
27			2	FG-WILSON	0.105	0.080	811.100					1-Aug-16	Operational		
			<b>Total :</b>		<b>0.185</b>	<b>0.145</b>		<b>0.0230</b>	<b>0.0070</b>	<b>0.0143</b>	<b>0.1220</b>	<b>0.0280</b>			
33	MABABANGBAYBAY DPP, Masbate	(8 hours operation) 4:00PM-12:00MN (LGU Claveria)	1	FG-WILSON	0.060	0.050	9,732.500					24-Apr-12	Operational		
28			<b>Total :</b>		<b>0.060</b>	<b>0.050</b>		<b>0.0160</b>	<b>0.0060</b>	<b>0.0109</b>	<b>0.0340</b>	<b>0.0160</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 (2017)	COMM'SNG DATE	STATUS	REMARKS
			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
29	34	MALAKING ILOG DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU San Pascual)	1	FG WILSON	0.060	0.050	11,890.100					9-Apr-12	Operational		
				Total :	0.060	0.050		0.0210	0.0070	0.0140	0.0290	0.0210			
30	35	OSMENIA DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU Claveria)	1	FG WILSON	0.080	0.065	9,682.400					10-Jul-12	Operational		
			2	FG-WILSON	0.105	0.080	1,203.100					1-Aug-16	Operational		
				Total :	0.185	0.145		0.0290	0.0130	0.0215	0.1160	0.0300			
31	36	PENAFRANCIA DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU Claveria)	1	FG WILSON	0.080	0.065	9,468.700					10-Jun-12	Operational		
			2	FG-WILSON	0.105	0.080	874.600					1-Aug-16	Operational		
				Total :	0.185	0.145		0.0210	0.0090	0.0136	0.1240	0.0210			
32	37	QUEZON DPP, Masbate (8 hours operation) 4:00PM-12:00MN (LGU-Claveria)	1	FG WILSON	0.060	0.050	10,145.100					7-Jun-12	Operational		
				Total :	0.060	0.050		0.0150	0.0070	0.0108	0.0350	0.0150			
33	38	LAHUY DPP, Camarines Sur (4 hours operation) 6:00PM-10:00PM (CASURECO IV)	1	CUMMINS	0.120	0.096	9,290.000					6-Apr-09	Operational		
				Total :	0.120	0.096		0.0420	0.0150	0.0355	0.0540	0.0420			
34	39	HAPONAN DPP, Camarines Sur (4 hours operation) 6:00PM-10:00PM (CASURECO IV)	1	CUMMINS	0.035	0.028	6,821.000					29-Jul-09	Operational	Plant on standby; CASURECO IV requested to stop its operation due to low collection efficiency	
				Total :	0.035	0.028		0.0000	0.0000	0.0000	0.0280	0.0000			
35	40	QUINALASAG DPP, Camarines Sur (8 hours operation) 4:00PM-12:00MN (CASURECO IV)	1	CUMMINS	0.150	0.120	12,086.000					14-Dec-09	Operational		
				Total :	0.150	0.120		0.0720	0.0080	0.0500	0.0480	0.0720			
36	41	ATULAYAN DPP, Camarines Sur (6 hours operation) 5:00PM-11:00PM (CASURECO IV)	1	CUMMINS	0.022	0.018	5,340.900					1-Jun-14	Non-operational	Non-operational since 25 Dec 2016 due to broken transformer bushing & damaged water pump (due to typhoon Nina); pending request for repair of transformer; restored its operation on 22 Feb 2017	
				Total :	0.022	0.018		0.0000	0.0000	0.0000	0.0180	0.0000			
<b>C. MINDORO/ROMBLON AREA:</b>															
<b>Oriental Mindoro Grid</b>															
37	NPP	Power One Corporation	1	Bunker	15.300	11.420						2012	Operational		
	NPP	Ormin Power, Inc.	1	Bunker	9.600	6.400						2011	Operational		
	NPP	Linao Mini Hydro (Lower Cascade)	1	Hydro	2.180	2.100						2012	Operational		
	NPP	Linao Mini Hydro (Upper Cascade)	1	Hydro	3.000	3.000						2012	Operational	No data from NPP	
	NPP	Mindoro Grid Corporation (Calapan)	1	Diesel	6.600	5.000						2013	Operational		
	NPP	Mindoro Grid Corporation (Bongabong)	1	Diesel	6.600	5.000						2013	Operational		
	NPP	DMICI Power Corporation	1	Bunker	15.000	15.000						2015	Operational		
				Total Or. Mindoro Grid :	58.280	47.920									

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)							
<b>Occidental Mindoro (San Jose) Grid</b>																	
42	PULANG LUPA DPP, Occidental Mindoro  (24 hours operation) (OMECCO)  MONARK EQUIPMENT CORP. (RENTAL)		1	MONARK-RENTAL	6.200	6.000	29,397.940						1-Oct-13	Operational	Contracted Capacity: 6 MW		
			2	MONARK-RENTAL	4.200	4.000	18,795.690						4-Dec-13	Operational	Contract Period: 25 Dec 2016 to 24 Dec 2017 Contracted Capacity: 2.5 MW		
			3	MONARK-RENTAL	2.600	2.500	11,346.990						17-Jun-15	Operational	Contract Period: 27 Apr 2016 to 25 Apr 2017 Contracted Capacity: 2.5 MW		
			4	MONARK-RENTAL	2.600	2.500	5,742.620						4-May-16	Operational	Contract Period: 04 May 2016 to 03 May 2017 Contracted Capacity: 4 MW (San Jose S/S)		
			<b>Sub-total</b>		<b>15.600</b>	<b>15.000</b>											Contract Period: 19 Apr 2016 to 18 Apr 2017
43	POWER BARGE 106, Occidental Mindoro  (24 hours operation) (OMECCO)		2	DAIHATSU	3.600	2.000	82,401.120						1-Sep-92	Operational			
			3	DAIHATSU	3.600	0.000	63,461.050						1-Sep-92	Non-operational	Under Test and Commissioning		
			<b>Sub-total</b>		<b>7.200</b>	<b>2.000</b>											
<b>Total Occ. Min. (San Jose) Grid :</b>				<b>22.800</b>	<b>17.000</b>			<b>15.000</b>	<b>7.310</b>	<b>8.632</b>	<b>2.000</b>	<b>15.000</b>					
<b>Occidental Mindoro (MAPSA) Grid</b>																	
44	MAMBURAO DPP, Occidental Mindoro  (24 hours operation) (OMECCO)  MONARK EQUIPMENT CORP. (RENTAL)		1	MONARK-RENTAL	5.400	4.500	7,932.040						1-Sep-16	Operational	Contracted Capacity: 4.5 MW		
			2	MONARK-RENTAL	0.544	0.500	1,056.000						1-Sep-16	Operational	Contract Period: 25 Mar 2016 to 24 Mar 2017 Contracted Capacity: 0.5 MW		
			<b>Total Occ. Min. (MAPSA) Grid :</b>		<b>5.944</b>	<b>5.000</b>			<b>4.400</b>	<b>2.100</b>	<b>2.876</b>	<b>0.600</b>	<b>4.400</b>			Contract Period: 22 Aug 2016 to 21 Aug 2017	
45	LUBANG DPP, Occidental Mindoro  (24 hours operation)  (LUBELCO)  MONARK EQUIPMENT CORP. (RENTAL)		1	CXZ-MAN	0.500	0.000	32,847.000						25-Mar-08	Non-operational	Non-operational since 05 Sept 2016 due to damaged camshaft and cam follower; tentative date of restoration is on the 21 Mar 2017		
			2	CXZ-MAN	0.500	0.400	35,749.000						25-Mar-08	Operational			
			3	CUMMINS	0.704	0.000	27,206.810						8-Jun-09	Non-operational	Non-operational since 03 May 2016 due to ongoing PMS (major overhauling); awaiting for the spare parts needed for PMS; target restoration is on June 2017		
			5	CUMMINS	0.724	0.000	3,167.000						14-Feb-16	Non-operational	Non-operational since 31 Aug 2016 due to burnt maint circuit breaker and damaged electrical parts (under warranty); target restoration is on July 2017		
			<b>Sub-total (owned)</b>		<b>2.428</b>	<b>0.400</b>											
			6	MONARK-RENTAL	1.179	1.000	3,039.420							25-Sep-16	Operational	Contracted Capacity: 1 MW Contract Period: 17 Oct 2016 to 16 Apr 2017	
<b>Sub-total (rental)</b>		<b>1.179</b>	<b>1.000</b>														
<b>Total :</b>		<b>3.607</b>	<b>1.400</b>			<b>0.690</b>	<b>0.223</b>	<b>0.396</b>	<b>0.710</b>	<b>0.690</b>							
46	CABRA DPP, Occidental Mindoro  (8 hours operation) 4:00AM-6:00AM/5:00PM-11:00PM (LUBELCO)		1	CUMMINS	0.060	0.055	7,805.450						1-Dec-12	Operational			
			2	CUMMINS	0.060	0.055	2,112.540						1-Dec-12	Operational			
			3	PERKINS	0.060	0.040	707.300						1-Jan-10	Operational			
			<b>Total :</b>		<b>0.180</b>	<b>0.150</b>			<b>0.0389</b>	<b>0.0128</b>	<b>0.0243</b>	<b>0.1111</b>	<b>0.039</b>				
47	TINGLOY DPP, Batangas  (12 hours operation) 12:00NN-12:00MN (BATELEC II)		2	DALE-PERKINS	0.260	0.150	27,250.720						24-Dec-94	Operational			
			3	DALE-PERKINS	0.260	0.150	41,436.720						24-Dec-94	Operational			
			4	MAN CXZ	0.500	0.375	29,651.300						24-Aug-09	Operational			
			<b>Total :</b>		<b>1.020</b>	<b>0.675</b>			<b>0.410</b>	<b>0.200</b>	<b>0.300</b>	<b>0.265</b>	<b>0.410</b>				

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
48	ROMBLON DPP, Romblon (24 hours operation) (ROMELCO)	Romblon (Mainland) Grid	1	TIDE-POWER	0.600	0.450	17,565.640						8-Oct-08	Operational	
			2	FG WILSON	0.600	0.450	30,960.400						10-Dec-08	Operational	
			3	FG WILSON	0.600	0.450	19,632.430						29-Nov-08	Operational	
			4	FG-WILSON	0.600	0.400	13,948.030						25-Apr-07	Operational	
			5	CUMMINS	0.600	0.600	27.270						1-Jan-17	Under test & commissioning	For commercial operation; tested & commissioned; pending completion of items on the punch list
43	MONARK EQUIPMENT CORP. (RENTAL)	Romblon (Tablas Island) Grid	Sub-total (owned)		3.000	2.350									
			5	CAT-RENTAL	0.500	0.400	8,235.000						6-Jan-16	Operational	Contracted Capacity: 0.6 MW
			6	CAT-RENTAL	0.500	0.400	7,427.000						6-Jan-16	Operational	Contract Period: 05 Jan 2016 to 04 Apr 2017
			7	CAT-RENTAL	0.500	0.400	15,242.000						6-Jan-16	Operational	
			Sub-total (rental)		1.500	1.200									
Total :		4.500	3.550												
49	POWER BARGE 114, Romblon (24 hours operation) (ROMELCO)	Romblon (Mainland) Grid :	1	PERKINS	0.600	0.000	0.000						1-Oct-11	Non-operational	Transferred to Romblon DPP
			2	FG WILSON	0.650	0.400	29,605.500						1-Jun-09	Operational	
			4	FG WILSON	0.650	0.400	34,235.800						3-May-10	Operational	
			Total :		1.900	0.800									
Total Romblon (Mainland) Grid :		6.400	4.350				1.692	0.584	1.042	2.658	1.692				
44	POWER BARGE 109, Romblon (on standby)	Romblon (Tablas Island) Grid	1	PERKINS	0.600	0.450	9,113.010						3-Dec-13	Operational	
			3	FG WILSON	0.600	0.450	19,375.030						22-Sep-08	Operational	
			Total :		1.200	0.900									
NPP	Sun West Water & Electric Co. (SUWECO)		1	Diesel	8.800	7.700						2015	Operational		
Total Tablas Is. Grid :		10.000	8.600											No data from NPP	
51	SIBUYAN DPP, Romblon (24 hours operation) (ROMELCO)	Romblon (Mainland) Grid	1	DALE-PERKINS	0.260	0.000	67,364.400						28-Mar-92	Non-operational	Non-operational since 26 May 2016 due to heavy smoke produced at breather pipe; for overhauling but no available spare parts; unit for decommissioning
			2	DALE-PERKINS	0.260	0.000	43,452.010						16-Jun-92	Non-operational	Non-operational since 06 Jan 2015; for generator rotor machining at MRMD; unit for decommissioning
45	SIBUYAN DPP, Romblon (24 hours operation) (ROMELCO)	Romblon (Mainland) Grid	4	DALE-PERKINS	0.163	0.130	59,748.730						2-May-97	Operational	
			6	Caterpillar	0.600	0.400	778.600						16-Feb-05	Operational	
			7	MAN	0.500	0.450	25,170.880						30-Dec-07	Operational	
			8	MAN	0.500	0.400	33,901.880						31-Dec-07	Operational	
			Sub-total		2.283	1.380									
Total Grid :		3.183	2.280				1.517	0.745	*	0.763	1.756			No data from NPP	
52	BANTON DPP, Romblon (16 hours operation) 4:00AM-11:00AM/2:00PM-11:00PM (ROMELCO)	Romblon (Mainland) Grid	1	DALE-PERKINS	0.163	0.145	33,046.380						7-Apr-99	Operational	
			2	DALE-PERKINS	0.163	0.145	31,101.790						16-Apr-96	Operational	
			3	FG-WILSON	0.193	0.160	2,022.580						1-Jul-16	Operational	
Total :		0.519	0.450				0.132	0.021	0.075	0.318	0.132				
53	SAN JOSE DPP, Romblon (16 hours operation)	Romblon (Mainland) Grid	1	DALE-PERKINS	0.163	0.120	14,848.380						1-Dec-04	Operational	
			2	DALE-PERKINS	0.163	0.140	47,536.530						1-May-97	Operational	
47	SAN JOSE DPP, Romblon (2:00PM-6:00AM) (TIELCO)	Romblon (Mainland) Grid	3	CATERPILLAR(228kW)	0.228	0.120	23,101.100						1-Jul-07	Non-operational	Non-operational since 01 Aug 2016 due to damaged stator for rewinding; unit for decommissioning Note: error data (dep cap) entry in MOR which is subject for correction/revision
			4	FG-WILSON	0.315	0.300	2,947.210						8-Jun-16	Operational	
Total :		0.869	0.680				0.324	0.137	0.189	0.356	0.331				



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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)								
48	54	CORCUERA DPP, Romblon  (16 hours operation) 4:30AM-6:30AM/8:00AM-3:00PM/5:00PM-12:00MN (LGU Corcuera)	2	DALE-PERKINS	0.163	0.140	23,000.000						30-Jan-97	Operational				
			3	MAN	0.500	0.400	25,405.310						20-Apr-07	Operational				
			4	FG-WILSON	0.315	0.300	1,214.570						25-Jun-16	Operational				
			Total:			0.978	0.840		0.310	0.163	0.185	0.530	0.320					
49	55	CONCEPCION DPP, Romblon  (8 hours operation) 4:30AM-7:00AM/5:00PM-10:30PM (LGU Concepcion)	1	DALE-PERKINS	0.163	0.145	33,807.700						11-Mar-97	Operational				
			2	DALE-PERKINS	0.163	0.145	33,992.200						1-Jan-01	Operational				
			3	SCUMMINS	0.336	0.300	203.910						1-Jan-17	Operational				
			Total:			0.662	0.590		0.150	0.070	0.094	0.440	0.175					
<b>D. PALAWAN AREA :</b>																		
<b>Palawan (Mainland) Grid</b>																		
NPP		Palawan Power Generation, Inc. (Puerto Princesa)	1	Bunker		14.000	7.270						2008 & 2010	Operational				
NPP		Palawan Power Generation, Inc. (Narra)	1	Bunker		5.000	4.500						2008 & 2010	Operational	No data from NPP			
NPP		DMCI Power Corporation	1	Diesel		31.450	20.880						2013	Operational				
NPP		Delta P	1	Bunker		16.000	13.500						2009	Operational				
Total Palawan (Mainland) Grid :					66.450	46.150												
50	56	EL NIDO DPP, Palawan  (24 hours operation) (PALECO)  MONARK EQUIPMENT CORP. (RENTAL)	3	MAN	0.500	0.400	29,419.000						14-Apr-09	Operational				
			4	TIDE POWER	0.675	0.450	19,141.490						10-Sep-09	Operational				
			Sub-total (owned)			1.175	0.850											
			8	CAT-RENTAL	0.500	0.500	1,336.000							1-Apr-14	Operational	Contracted Capacity: 1.5 MW		
			9	CAT-RENTAL	0.544	0.500	764.000							1-Apr-16	Operational	Contract Period: 19 Apr 2016 to 18 Apr 2017		
			10	CAT-RENTAL	1.000	0.910	1,343.000							4-May-15	Operational			
			11	CAT-RENTAL	1.000	1.000	9,015.000							4-May-15	Operational	Contracted Capacity: 0.5 MW		
			12	CAT-RENTAL	0.544	0.500	671.000							17-Aug-16	Operational	Contract Period: 17 Aug 2016 to 16 Aug 2017		
			Sub-total (rental)			3.588	3.410											
			Total:			4.763	4.260		2.406	1.620	1.714	1.854	2.637					
			51	57	TAYTAY DPP, Palawan  (24 hours operation) (PALECO)  MONARK EQUIPMENT CORP. (RENTAL)	2	DALE-PERKINS	0.260	0.180	41,004.000						20-May-92	Operational	
						3	MAN CXZ	0.500	0.400	33,368.000						4-Jun-09	Operational	
Sub-total (owned)						0.760	0.580											
5	MONARK-RENTAL	0.455				0.300	10,056.000							2-Oct-14	Operational	Contracted Capacity: 1 MW		
6	MONARK-RENTAL	1.000				0.950	9,359.000							6-Aug-16	Operational	Contract Period: 14 Apr 2016 to 13 Apr 2017		
8	MONARK-RENTAL	1.000				0.950	694.000							6-Aug-16	Operational			
Sub-total:						2.455	2.200											
Total:						3.215	2.780		0.838	0.465	0.559	1.942	0.877					
52	58	SAN VICENTE DPP, Palawan  (24 hours operation) (PALECO)	1	DALE-PERKINS(PAL)	0.163	0.120	36,881.620						19-Jan-95	Operational				
			2	CUMPER-LGU	0.300	0.000	8,663.520						23-Dec-14	Non-operational	Non-operational since 19 Dec 2016 due to bearing seizure; unit is for deactivation			
			3	DALE-PERKINS(PAL)	0.260	0.220	77,233.500						22-Apr-02	Operational				
			4	MAN CXZ	0.500	0.400	47,196.870						14-Nov-08	Operational				
Total:			1.223	0.740		0.620	0.320	0.396	0.120	0.690								
53	59	RIZAL DPP, Palawan  (24 hours operation) (PALECO)	1	DALE-PERKINS	0.260	0.230	48,773.580						3-Aug-93	Operational				
			2	JOHN DEERE-CUMPER	0.256	0.210	33,737.000						17-Dec-07	Operational				
			3	DALE-PERKINS	0.163	0.130	28,391.730						3-Aug-93	Operational				
			4	FG WILSON	0.315	0.265	5,246.120						29-Dec-15	Operational				
			Total:			0.994	0.835		0.338	0.138	0.187	0.497	0.338					
<b>Other Islands in Palawan</b>																		
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					
Total:					8.820	7.720												
55	QTP	Power Source Philippines, Rio Tuba	1	Diesel		1.690	0.590					2010	Operational					
Total:					1.690	0.590												

**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 (2017)	COMM'SNG DATE	STATUS	REMARKS	
			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)						
60	60	CULION DPP, Palawan (24 hours operation) (BISELCO)	1	DALE-PERKINS	0.163	0.150	50,366,500						29-Aug-98	Operational		
			2	DALE-PERKINS	0.260	0.200	76,576,720						12-Dec-92	Operational		
			3	DALE-PERKINS	0.260	0.200	85,435,200						26-Feb-15	Operational		
			4	DALE-PERKINS	0.260	0.200	77,862,400						26-Feb-15	Operational		
			5	FG-WILSON	0.180	0.000	0.000							6-Jun-08	Non-operational	Non-operational since 07 Jun 2016 due to defective power transformer; awaiting for the replacement unit of power transformer from Araceli DPP; target date of restoration is on the 4th week of May 2017; NOTE: for MOR correction (dep cap)
			6	CUMMINS	0.672	0.600	773,000							1-Sep-16	Operational	
			<b>Total :</b>	<b>1.795</b>	<b>1.350</b>		<b>0.431</b>	<b>0.195</b>	<b>0.273</b>	<b>0.919</b>	<b>0.494</b>					
57	61	LINAPACAN DPP, Palawan (12 hours operation) (BISELCO)	2	VISA-PERKINS	0.054	0.040	20,019,530						19-Sep-02	Operational		
			3	PERKINS	0.105	0.100	14,303,930						17-Sep-11	Operational		
			4	DALE-PERKINS	0.163	0.150	37,061,020						9-Feb-92	Operational		
				<b>Total :</b>	<b>0.322</b>	<b>0.290</b>		<b>0.103</b>	<b>0.036</b>	<b>0.070</b>	<b>0.187</b>	<b>0.106</b>				
58	62	CUYO DPP, Palawan (24 hours operation) (PALECO)	1	MAN-CXZ	0.500	0.400	43,311,880						1-Apr-08	Operational		
			2	MAN-CXZ	0.500	0.400	36,091,290						1-Apr-08	Operational		
			3	MAN-CXZ	0.500	0.400	45,107,970						1-Apr-08	Operational		
			4	MAN-CXZ	0.500	0.400	46,655,570						1-Apr-08	Operational		
				<b>Sub-total (owned)</b>	<b>2.000</b>	<b>1.600</b>										
			5	MONARK-RENTAL	0.545	0.500	2,258,000							23-Sep-16	Operational	Contracted Capacity: 0.5 MW
			MONARK-RENTAL	0.545	0.500	0.000						23-Sep-16	Operational	Contract Period: 23 Sep 2016 to 22 Sep 2017		
			<b>Sub-total (rental)</b>	<b>1.090</b>	<b>1.000</b>		<b>1.050</b>	<b>0.380</b>	<b>0.615</b>	<b>1.550</b>	<b>1.150</b>					
			<b>Total :</b>	<b>3.090</b>	<b>2.600</b>											
59	63	ARACELI DPP, Palawan (24 hours operation) (PALECO)	1	DALE-PERKINS	0.163	0.150	61,474,760						19-Jun-95	Operational		
			2	DALE-PERKINS	0.163	0.150	18,334,820						16-Jul-93	Operational		
			3	DALE-PERKINS	0.260	0.250	43,560,310						9-Feb-92	Operational		
			4	FG-WILSON	0.193	0.160	2,405,100							28-May-16	Operational	
				<b>Total :</b>	<b>0.779</b>	<b>0.710</b>		<b>0.140</b>	<b>0.072</b>	<b>0.072</b>	<b>0.570</b>	<b>0.140</b>				
60	64	BALABAC DPP, Palawan (16 hours operation) 2:00PM-6:00AM (PALECO)	1	DALE-PERKINS	0.163	0.150	22,643,530						1-Apr-03	Operational		
			2	DALE-PERKINS	0.163	0.150	44,721,280						5-Feb-97	Operational		
			3	FG-WILSON	0.193	0.160	1,454,100						21-Aug-16	Operational		
				<b>Total :</b>	<b>0.519</b>	<b>0.460</b>		<b>0.140</b>	<b>0.060</b>	<b>0.089</b>	<b>0.320</b>	<b>0.146</b>				
61	65	CAGAYANCILLO DPP, Palawan (8 hours operation) (PALECO)	1	DALE-PERKINS	0.163	0.160	42,293,190						14-Aug-97	Operational		
			2	FG-WILSON	0.193	0.160	1,975,600							30-Apr-16	Operational	
				<b>Total :</b>	<b>0.356</b>	<b>0.320</b>		<b>0.120</b>	<b>0.034</b>	<b>0.079</b>	<b>0.200</b>	<b>0.135</b>				
62	66	AGUTAYA DPP, Palawan (16 hours operation) 8:00AM-12:00MN (PALECO)	1	DALE-PERKINS	0.163	0.150	5,027,720						20-Dec-10	Operational		
			2	DALE-PERKINS	0.163	0.150	30,962,120							5-Jun-98	Operational	
			3	FG-WILSON	0.193	0.160	2,546,900							30-Apr-16	Operational	
				<b>Total :</b>	<b>0.519</b>	<b>0.460</b>		<b>0.086</b>	<b>0.038</b>	<b>0.044</b>	<b>0.374</b>	<b>0.086</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 SYTEM DEMAND (2017)	COMM'NG 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		
				Total:	8.340	4.890									
64	QTP	Power Source Philippines (Malapascua, Cebu)	1	Diesel	1.050	0.930						2014	Operational		
				Total:	1.050	0.930									
67		GUINTARCAN DPP, Cebu	1	KUMATSU	0.100	0.090	12,604.140					21-Sep-07	Operational		
		(16 hours operation)		DALE-PERKINS	0.163	0.135	36,489.250					5-Mar-93	Operational		
		10:00AM-2:00AM	3	FG-WILSON	0.193	0.160	224.600					19-Jan-17	Operational		
		(BANELCO)		Total:	0.456	0.385		0.120	0.030	0.061	0.265	0.130			
68		DOONG DPP, Cebu	1	DALE-PERKINS	0.163	0.130	30,319.830					25-Apr-93	Operational		
		(8 hours operation)	2	DALE-PERKINS	0.163	0.130	31,148.820					25-Apr-93	Operational		
		4:00PM-12:00MN		Total:	0.326	0.260		0.181	0.059	0.072	0.079	0.181			
		(BANELCO)													
		Siguijor Grid													
67	NPP	Siguijor Island Power Corporation	1	Bunker	6.464	6.464						10-Feb-15	Operational		
				Total:	6.464	6.464									
69		POWER BARGE 116												Note: All units are deactivated	
		(on standby)		Total:	0.000	0.000		0.000	0.000	0.000	0.000				
70		GIGANTES DPP, Iloilo	1	DALE-PERKINS	0.163	0.130	26,709.140					17-Apr-97	Operational		
		(8 hours operation)	2	DALE-PERKINS	0.163	0.130	23,077.340					23-Aug-07	Operational		
		3:00PM- 11:00PM	3	CUMMINS	0.336	0.269	771.260					25-Oct-16	Operational		
		(IECO III)		Total:	0.662	0.530		0.290	0.072	0.200	0.240	0.290			
71		CALUYA DPP, Antique	1	DALE-PERKINS	0.163	0.130	43,717.040					21-Sep-92	Operational		
		(24 hours operation)	2	DALE-PERKINS	0.163	0.130	45,200.760					21-Sep-92	Operational		
		(ANTECO)	5	CUMMINS-STAMFORD	0.364	0.273	5,812.900					8-May-14	Operational		
69			6	CUMMINS-FILGEN	0.320	0.240	6,955.190					30-May-15	Operational		
			7	CUMMINS-FILGEN	0.320	0.240	3,492.680					30-May-15	Operational		
				Total:	1.330	1.014		0.313	0.110	0.167	0.701	0.313			
<b>B. EASTERN VISAYAS AREA:</b>															
72		CAMOTES DPP, Cebu	1	MAN B&W	0.300	0.000	160,106.450					8-Feb-88	Non-operational	Under maintenance (for generator servicing) since 10 Jan 2017 due to electrical trouble of main generator; tentative date of restoration is on the 1st week March 2017	
		(24 hours operation)	2	MAN B&W	0.300	0.000	80,702.820					8-Feb-88	Non-operational	Non-operational since 31 Aug 2016 due to stacking of bearing housing sleeve; tentative date of restoration is on March 2017	
		(CELCO)	3	DALE-PERKINS	0.560	0.500	29,372.880					1-Nov-04	Operational		
			5	MAN CXZ	0.528	0.500	142,697.200					2-Mar-02	Operational		
			6	MAN CXZ	0.500	0.450	68,360.230					2-May-07	Operational		
			7	MAN	0.500	0.475	56,190.340					1-Dec-13	Operational		
			8	CUMMINS	0.724	0.600	3,343.730					8-May-16	Operational		
				Sub-total	3.412	2.525									
73		POWER BARGE 113, Cebu	1	MITSUBISHI	0.750	0.450	18,822.400					7-Sep-08	Operational		
			2	MITSUBISHI	0.750	0.000	23,758.700					14-Jul-08	Non-operational	Non-operational since 24 Sept 2016 due to burnt exciter stator & rotor and sump tank has water; main engine is also for corrective maintenance due to water contamination; tentative date of restoration is on 17 Mar 2017	
			6	PERKINS	0.600	0.500	9,436.870					1-Dec-13	Operational		
				Sub-total	2.100	0.950									
				Total-Grid	5.512	3.475		2.258	1.050	1.296	1.217	2.639			

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
71	74 . PILAR DPP, Cebu  (24 hours operation)  (CELCO)		1	DALE-PERKINS	0.163	0.139	44,125.900						3-Nov-93	Operational	
			2	DALE-PERKINS	0.163	0.139	42,677.200						3-Nov-93	Operational	
			3	DALE-PERKINS	0.250	0.200	41,098.200						13-Dec-04	Operational	
			4	PERKINS	0.315	0.300	4,679.970						4-Mar-16	Operational	
			<b>Total :</b>					<b>0.891</b>	<b>0.777</b>		<b>0.316</b>	<b>0.094</b>	<b>0.154</b>	<b>0.461</b>	<b>0.345</b>
72	75 . MARIPIPI DPP, Biliran  (16 hours operation) 9:00AM-1:00AM  (MMPC)		1	DALE-PERKINS	0.163	0.139	47,874.280						26-Sep-94	Operational	
			2	DALE-PERKINS	0.163	0.139	46,517.780						26-Sep-94	Operational	
			3	CUMMINS	0.150	0.128	13,874.700						19-Oct-98	Operational	
			4	FG-WILSON	0.315	0.300	1,281.280						13-Sep-16	Operational	
			<b>Total :</b>					<b>0.791</b>	<b>0.705</b>		<b>0.189</b>	<b>0.056</b>	<b>0.073</b>	<b>0.516</b>	<b>0.208</b>
73	76 . LIMASAWA DPP, Southern Leyte  (16 hours operation) 9:00AM-1:00AM  (SOLECO)		1	DALE-PERKINS	0.163	0.150	40,570.320						26-Jul-95	Operational	
			2	DALE-PERKINS	0.163	0.000	23,273.230						24-Jul-02	Non-operational	Non-operational since 12 Nov 2016 due to damaged crankshaft; PR for replacement parts is still on process; tentative date of restoration is on July 2017
			3	PERKINS	0.300	0.280	698.600						17-Dec-16	Operational	
			<b>Total :</b>					<b>0.626</b>	<b>0.430</b>		<b>0.158</b>	<b>0.080</b>	<b>0.089</b>	<b>0.272</b>	<b>0.186</b>
74	77 . ZUMARRAGA DPP, Western Samar  (24 hours operation)  (SAMELCO II)		1	DALE-PERKINS	0.163	0.138	58,671.180						14-Jun-94	Operational	
			2	DALE-PERKINS	0.163	0.138	34,156.760						13-Sep-94	Operational	
			3	DALE PERKINS	0.163	0.000	0.000						14-Jun-09	Non-operational	Under maintenance since Nov 2016 due to burnt rotor and ongoing maintenance; target date of restoration on 30 Mar 2017
			4	PERKINS	0.100	0.000	0.000						1-Mar-09	Non-operational	Under maintenance since Nov 2016 due to burnt exciter rotor; tentative restoration date is on 30 Mar 2017
			5	CUMMINS	0.336	0.300	2,006.140						20-Nov-16	Operational	
<b>Total :</b>					<b>0.925</b>	<b>0.576</b>		<b>0.289</b>	<b>0.089</b>	<b>0.145</b>	<b>0.287</b>	<b>0.336</b>			
75	78 . TAGAPUL-AN DPP, Western Samar  (8 hours operation) 4:00PM-12:00MN  (SAMELCO I)		1	DALE-PERKINS	0.163	0.139	20,822.270						3-Aug-96	Operational	
			2	DALE-PERKINS	0.100	0.085	15,839.020						8-Feb-09	Operational	
			3	DALE-PERKINS	0.163	0.139	180.060						26-Nov-16	Operational	
			<b>Total :</b>					<b>0.426</b>	<b>0.363</b>		<b>0.090</b>	<b>0.027</b>	<b>0.059</b>	<b>0.273</b>	<b>0.090</b>
76	79 . ALMAGRO DPP, Western Samar  (8 hours operation) 4:00PM-12:00MN  (SAMELCO I)		1	PERKINS	0.163	0.130	32,838.480						5-Apr-97	Operational	
			3	DALE-PERKINS	0.100	0.085	12,423.530						18-Sep-09	Operational	
			<b>Total :</b>					<b>0.263</b>	<b>0.215</b>		<b>0.078</b>	<b>0.020</b>	<b>0.056</b>	<b>0.137</b>	<b>0.098</b>
77	80 . STO. NIÑO DPP, Western Samar  (8 hours operation) 4:00PM-12:00MN  (SAMELCO I)		1	DALE-PERKINS	0.163	0.140	29,095.780						28-Feb-97	Operational	
			<b>Total :</b>					<b>0.163</b>	<b>0.140</b>		<b>0.108</b>	<b>0.028</b>	<b>0.078</b>	<b>0.032</b>	<b>0.130</b>
78	81 . SAN ANTONIO DPP, Northern Samar  (24 hours operation)  (NORSAMELCO)		1	DALE-PERKINS	0.163	0.000	0.000						1-Nov-96	Non-operational	Under corrective maintenance since 02 Dec 2016 due to damaged cylinder liner and oil dilution; target date of restoration is on June 2017
			2	DALE-PERKINS	0.250	0.225	46,793.760						1-Nov-96	Operational	
			3	DALE-PERKINS	0.163	0.000	0.000						5-Jun-05	Non-operational	Under maintenance but no spare parts available; unit is for decommissioning
			4	CUMMINS	0.336	0.329	733.300						19-Dec-16	Operational	
<b>Total :</b>					<b>0.912</b>	<b>0.554</b>		<b>0.200</b>	<b>0.050</b>	<b>0.098</b>	<b>0.354</b>	<b>0.200</b>			

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)						
79	82	CAPUL DPP, Northern Samar (8 hours operation) 4:00PM-12:00MN (NORSAMELCO)	1	DALE-PERKINS	0.163	0.130	33,730.170						1-Jul-95	Operational		
			2	DALE-PERKINS	0.163	0.130	33,669.970						1-Jul-95	Operational		
			3	FG-WILSON	0.193	0.160	611.100							19-Oct-16	Operational	
			4	FG-WILSON	0.193	0.160	605.100							19-Oct-16	Operational	
			Total:		0.711	0.580		0.197	0.053	0.121	0.383	0.232				
80	83	SAN VICENTE DPP, Northern Samar (16 hours operation) 8:00AM-12:00MN (NORSAMELCO)	1	DALE-PERKINS(VIS)	0.163	0.138	27,360.800						26-May-97	Operational		
			2	PERKINS(VIS)	0.100	0.088	13,468.880							12-Mar-09	Operational	
			Total:		0.263	0.226		0.079	0.012	0.047	0.147	0.088				
81	84	BIRI DPP, Northern Samar (16 hours operation) 8:00AM-12:00MN (NORSAMELCO)	1	DALE-PERKINS	0.163	0.130	33,425.900						4-Dec-97	Operational		
			2	DALE-PERKINS	0.163	0.130	38,900.320							6-Dec-97	Operational	
			3	DALE PERKINS	0.163	0.130	18,861.280							12-Aug-09	Operational	
			4	CUMMINS	0.336	0.300	119,587.000							6-Dec-16	Operational	
			Total:		0.825	0.690		0.238	0.057	0.131	0.452	0.238				
82	85	BATAG DPP, Northern Samar (6 hours operation) 5:00PM-11:00PM (NORSAMELCO)	1	CUMMINS	0.050	0.043	3,744.500						19-Mar-13	Operational		
			Total:		0.050	0.043		0.036	0.013	0.017	0.007	0.036				
83	86	BAGONGBANWA DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.038	0.032	34,526.000						23-Dec-99	Operational		
			Total:		0.038	0.032		0.0225	0.0058	0.0194	0.0098	0.0225				
84	87	BALICASAG DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.038	0.032	33,506.030						23-Dec-99	Operational		
			2	PERKINS	0.105	0.101	258.800							22-Jan-17	Operational	
			Total:		0.143	0.133		0.0320	0.0140	0.0223	0.1011	0.0320				
85	88	BATASAN DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.056	0.048	37,209.000						23-Dec-99	Operational		
			Total:		0.056	0.048		0.0162	0.0039	0.0113	0.0314	0.0192				
86	89	BILANGBILANGAN DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.015	0.013	30,704.000						14-Apr-16	Operational		
			Total:		0.015	0.013		0.0068	0.0015	0.0050	0.0060	0.0081				
87	90	GUAMING DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.086	0.073	33,961.090						23-Oct-99	Operational		
			Total:		0.086	0.073		0.0430	0.0190	0.0360	0.0301	0.0450				
88	91	HAMBONGAN DPP, Bohol (8 hours operation) 3:00PM-11:00PM (BOHECO I)	1	PERKINS	0.020	0.017	30,307.700						23-Dec-99	Operational		
			Total:		0.020	0.017		0.0104	0.0028	0.0070	0.0066	0.0125				
89	92	MANTATAO DPP, Bohol (8 hours operation) 3:00PM-11:00PM (BOHECO I)	1	PERKINS	0.038	0.032	29,551.380						23-Dec-99	Operational		
			Total:		0.038	0.032		0.0140	0.0050	0.0111	0.0183	0.0160				
90	93	MOCABOC DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	CUMMINS	0.020	0.017	30,696.750						23-Dec-99	Operational		
			Total:		0.020	0.017		0.0141	0.0027	0.0076	0.0029	0.0141				
91	94	PAMILACAN DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.056	0.048	35,193.000						23-Dec-99	Operational		
			Total:		0.056	0.048		0.0340	0.0140	0.0273	0.0136	0.0340				

**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 (2017)	COMM'SNG DATE	STATUS	REMARKS
			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
92	95	PANGAPASAN DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	PERKINS	0.038	0.032	24,417.000					23-Dec-99	Operational		
				Total:	0.038	0.032		0.0102	0.0029	0.0079	0.0221	0.0115			
93	96	UBAY DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	KUBOTA	0.012	0.010	9,262.000					23-Dec-99	Operational		
				Total:	0.012	0.010		0.0048	0.0029	0.0030	0.0054	0.0062			
94	97	CABUL-AN DPP DPP, Bohol (8 hours operation) 4:00PM-12:00MN (BOHECO I)	1	CUMMINS	0.064	0.056	5,554.100					14-Nov-13	Operational		
			2	FG-WILSON	0.105	0.101	196.000					6-Dec-16	Operational		
			3	CUMMINS	0.080	0.078	84.200					26-Jan-17	Operational		
				Total:	0.249	0.235		0.0630	0.0260	0.0383	0.1721	0.0630			
		Note: Increase in OH (6 to 8) on 01 Jan 2017													
III. SPUG - MINDANAO:															
A. WESTERN MINDANAO AREA:															
Basilan Grid															
98		BASILAN DPP, Basilan  (24 hours operation)  (BASELCO)	1	CKD	1.224	0.000	19,965.400					7-Sep-98	Non-operational	Non-operational since 23 Dec 2016 due to grounded cooling tower fan motor; target date of restoration is on the 2nd week of May 2017 (awaiting for the delivery of new fan motor)	
			4	CUMMINS	0.545	0.380	5,508.420					3-Aug-11	Operational		
			5	CUMMINS	0.545	0.000	7,563.960					3-Aug-11	Non-operational	Non-operational since 23 Dec 2016 due to defective panel board controller; tentative date of restoration is on 31 Mar 2017	
			6	CUMMINS	0.545	0.380	6,468.380					3-Aug-11	Operational		
				Sub-total (owned)	2.859	0.760									
95		MONARK EQUIPMENT CORP. (RENTAL)	7	CATERPILLAR-RENTAL	1.500	1.200	26,091.000					25-Sep-13	Operational	Contracted Capacity: 2 MW	
			8	CATERPILLAR-RENTAL	1.500	1.200	22,031.640					25-Sep-13	Operational	Contract Period: 01 Aug 2016 to 31 Jul 2017	
			9	CATERPILLAR-RENTAL	1.500	1.200	28,102.000					25-Sep-13	Operational	Contracted Capacity: 1.5 MW	
			13	CATERPILLAR-RENTAL	0.600	0.500	7,985.000					1-Feb-15	Operational	Contract Period: 04 Dec 2015 to 03 Jun 2017	
			14	CATERPILLAR-RENTAL	1.000	0.850	5,821.000					24-Feb-16	Operational	Contracted Capacity: 1.5 MW	
			15	CATERPILLAR-RENTAL	1.000	0.850	4,939.000					24-Feb-16	Operational	Contract Period: 24 Feb 2016 to 23 Aug 2017	
			16	CAT-RENTAL	1.250	1.000	4,698.000					2-Aug-16	Operational	Contracted Capacity: 3 MW	
			17	CAT-RENTAL	1.250	1.000	4,790.000					2-Aug-16	Operational	Contract Period: 02 Aug 2016 to 01 Aug 2017	
			18	CAT-RENTAL	1.250	1.000	3,802.000					2-Aug-16	Operational		
				Sub-total (rental)	10.850	8.800									
				Total:	13.709	9.560									
99		POWER BARGE 119, Basilan (24 hours operation) (BASELCO)	3	DAIHATSU	1.800	1.300	118,982.850					1-Jun-95	Operational		
			4	DAIHATSU	1.800	1.300	116,054.770					1-Jun-95	Operational		
				Sub-total	3.600	2.600									
				Total Basilan Grid:	17.309	12.160		9.681	5.870	*	2.479	9.681		-- No data from Coop Mini-Hydro	
100		JOLO DPP, Sulu (24 hours operation) (SULECO)	1	DAIHATSU	1.800	1.200	151,627.230					1-May-95	Operational		
			3	DAIHATSU	1.800	1.300	160,547.870					2-May-95	Operational		
				Sub-total (owned)	3.600	2.500									
96		MONARK EQUIPMENT CORP. (RENTAL)	4	CAT-RENTAL	1.000	0.850	6,735.920					22-Mar-16	Operational	Contracted Capacity: 3 MW	
			5	CAT-RENTAL	1.360	1.200	9,164.380					26-Jan-16	Operational	Contract Period: 17 Jan 2016 to 16 July 2017	
			6	CAT-RENTAL	1.360	1.200	6,415.750					26-Jan-16	Operational		
			7	CAT-RENTAL	1.360	1.200	5,301.820					26-Jan-16	Operational	Contracted Capacity: 3 MW	
			8	CAT-RENTAL	1.360	1.200	7,008.570					26-Jan-16	Operational	Contract Period: 25 Jul 2016 to 24 Jul 2017	
			9	CAT-RENTAL	1.360	1.200	12,025.640					26-Jan-16	Operational		
			10	CAT-RENTAL	1.360	1.200	13,354.520					26-Jan-16	Operational	Contracted Capacity: 1.5 MW	
			11	CAT-RENTAL	1.360	1.200	2,542.710					1-Aug-16	Operational	Contract Period: 11 Jul 2016 to 10 Jul 2017	
			12	CAT-RENTAL	0.545	0.450	2,092.760					1-Aug-16	Operational		
				Sub-total (rental)	11.065	9.700									
				Total:	14.665	12.200		8.310	3.950	6.053	3.890	8.310			

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)							
97	101	LUUK DPP, Sulu  (8 hours operation) 6:00PM-2:00AM (SULECO)	3	CUMMINS	0.150	0.000	0.000						14-Jun-06	Non-operational	Note: SULECO requested to stop the operation of Luuk DPP last 10 Oct 2015 due to low collection efficiency		
			Total :		0.150	0.000		0.000	0.000	0.000	0.000	0.000					
98	102	SIASI DPP, Sulu  (24 hours operation) (SIASELCO)	3	PERKINS	0.600	0.420	4,245.000							30-Apr-14	Operational		
			4	DALE-PERKINS	0.260	0.200	47,084.770							1-Oct-91	Operational		
			5	MAN - DIESEL	0.500	0.420	36,356.240							24-May-08	Operational		
			6	MAN-DIESEL	0.500	0.420	37,427.800							25-May-08	Operational		
			Total :		1.860	1.460		0.740	0.200	0.492	0.720	0.740					
99	103	Tawi-Tawi (Mainland) Grid BONGAO DPP, Tawi-Tawi (24 hours operation) (TAWELCO) MONARK EQUIPMENT CORP. (RENTAL)	4	PERKINS	0.544	0.430	11,121.750							7-Feb-09	Operational		
			Sub-total (owned)		0.544	0.430											
			5	CAT-RENTAL	1.000	0.900	7,402.000								1-Apr-16	Operational	Contracted Capacity: 1 MW
			6	CAT-RENTAL	1.000	0.900	8,040.000								1-Apr-16	Operational	Contract Period: 26 Sep 2016 to 25 Sep 2017
			7	CAT-RENTAL	1.500	1.000	3,287.000								12-May-16	Operational	
			8	CAT-RENTAL	1.500	1.000	12,227.000								12-May-16	Operational	Contracted Capacity: 1.5 MW
			Sub-total (rental)		5.000	3.800											Contract Period: 03 Jun 2016 to 02 Jun 2017
			Total		5.544	4.230											
104	104	POWER BARGE 108, Tawi-Tawi (24 hours operation) (TAWELCO)	1	DAIHATSU	1.800	1.300	93,737.310							1-Mar-92	Operational		
			3	DAIHATSU	1.800	1.300	97,754.120							1-Mar-92	Operational		
			Sub-total		3.600	2.600											
Total Bongao Grid :		9.144	6.830		4.050	2.230	2.830	2.780	4.050								
100	105	BALIMBING DPP, Tawi-Tawi (16 hours operation) Weekdays 2:00 PM-6:00AM Weekends 12:00NN-4:00AM (TAWELCO)	1	DALE-PERKINS	0.163	0.155	31,195.660							13-Jan-97	Operational		
			2	DALE-PERKINS	0.163	0.155	26,220.240							1-Jul-98	Operational		
			3	CUMMINS	0.150	0.125	6,789.470							12-Oct-11	Operational		
			4	CUMMINS	0.250	0.160	0.000							4-Mar-11	Operational		
			Total :		0.726	0.595		0.245	0.100	0.167	0.350	0.245					
101	106	TANDUBAS DPP, Tawi - Tawi (8 hours operation) From 4:00PM-12:00MN (TAWELCO)	3	CUMMINS	0.150	0.145	14,611.590							6-Aug-09	Operational		
			Total :		0.150	0.145		0.130	0.071	0.097	0.015	0.137					
102	107	SIBUTU DPP, Tawi-Tawi (12 hours operation) 12:00NN-12:00MN (TAWELCO)	1	DALE-PERKINS	0.163	0.140	40,452.140							2-Nov-98	Operational		
			2	DALE-PERKINS	0.163	0.140	26,515.690							12-Apr-03	Operational		
			3	PERKINS	0.193	0.160	1,955.430							30-Jun-16	Operational		
			Total :		0.519	0.440		0.280	0.100	0.151	0.160	0.280					
103	108	SITANGKAY DPP, Tawi-Tawi (12 hours operation) 6:00PM-6:00AM (TAWELCO)	1	CUMMINS	0.280	0.200	1,985.150							19-Aug-09	Operational		
			3	PERKINS 2800	0.544	0.490	5,426.390								27-Feb-10	Operational	
			5	FG-WILSON	0.193	0.160	210.200								23-Jul-16	Operational	
			6	FG-WILSON	0.315	0.300	225.550								30-Jan-17	Operational	
			Total :		1.332	1.150		0.310	0.102	0.237	0.840	0.340					
104	109	MANUK-MANGKAW DPP, Tawi Tawi (6 hours operation) 6:00PM-12:00MN (TAWELCO)	1	DALE-PERKINS	0.163	0.150	38,696.640							14-Jul-97	Operational		
			Total :		0.163	0.150		0.095	0.040	0.092	0.055	0.100					

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)						
105	110	WEST SIMUNUL DPP, Tawi-Tawi (8 hours operation) 4:00PM-12:00AM (TAWELCO)	2	CUMMINS-2	0.250	0.150	8,451,890						10-Aug-09	Operational		
			3	DALE-PERKINS	0.260	0.250	53,337,310						25-Sep-02	Operational		
			4	PERKINS	0.163	0.150	9,672,150						30-Mar-11	Operational		
				<b>Total:</b>	<b>0.673</b>	<b>0.550</b>		<b>0.350</b>	<b>0.150</b>	<b>0.226</b>	<b>0.200</b>	<b>0.350</b>				
106	111	CAG DE TAWI <sup>2</sup> DPP, Tawi-Tawi (12 hours operation) 2:00PM-12:00AM (CASELCO)	1	DALE-PERKINS	0.260	0.200	33,360,960						26-Sep-92	Operational		
			3	MAN	0.500	0.430	19,975,400						16-Oct-08	Operational		
			4	FG-WILSON	0.315	0.300	746,480						7-May-16	Operational		
				<b>Total:</b>	<b>1.075</b>	<b>0.930</b>		<b>0.480</b>	<b>0.230</b>	<b>0.281</b>	<b>0.450</b>	<b>0.480</b>				
107	112	TANDEBANAK DPP, Tawi-Tawi (8 hours operation) 5:00PM-1:00AM (TAWELCO)	1	Cummins	0.275	0.170	653,000						22-Aug-09	Operational		
			2	CUMMINS	0.160	0.110	625,780						22-Aug-09	Operational		
			3	FG-WILSON	0.193	0.160	637,900						22-Jul-16	Operational		
				<b>Total:</b>	<b>0.628</b>	<b>0.440</b>		<b>0.195</b>	<b>0.082</b>	<b>0.147</b>	<b>0.245</b>	<b>0.205</b>				
108	113	SACOL DPP, Zamboanga (12 hours operation) 12:00NN-12:00AM (ZAMCELCO)	1	CUMMINS	0.150	0.140	17,100,460						6-Sep-08	Operational		
			2	PERKINS	0.105	0.080	2,599,800						2-Apr-16	Operational		
			3	FG-WILSON	0.105	0.080	303,100						27-Dec-16	Operational		
				<b>Total:</b>	<b>0.360</b>	<b>0.300</b>		<b>0.080</b>	<b>0.030</b>	<b>0.058</b>	<b>0.220</b>	<b>0.080</b>				
109	114	B. EASTERN MINDANAO AREA: Dinagat Grid DINAGAT DPP, Dinagat (24 hours operation) (DIELCO)  MONARK EQUIPMENT CORP. (RENTAL)	1	MAN	0.500	0.380	25,773,670						22-Sep-09	Operational		
			2	MAN	0.500	0.380	26,558,890						22-Sep-09	Operational		
			3	CUMPER-PERKINS	0.275	0.190	38,747,400						27-Feb-05	Operational		
			4	CUMPER	0.275	0.190	42,396,950						17-Jul-05	Operational		
			5	CUMPER	0.275	0.190	38,840,230						25-Nov-04	Operational		
			6	CUMPER	0.275	0.200	40,662,250						24-Nov-04	Operational		
			7	CUMPER	0.275	0.200	42,583,480						17-Jul-05	Operational		
				<b>Sub-total (owned)</b>	<b>2.375</b>	<b>1.730</b>										
			9	CAT-RENTAL	0.680	0.550	7,452,100							1-Dec-14	Operational	Contracted Capacity: 2 MW
			11	CAT-RENTAL	0.680	0.550	7,129,200							1-Dec-14	Operational	Contract Period: 16 May 2016 to 15 May 2017
			12	CAT-RENTAL	0.910	0.740	5,881,800							17-Mar-16	Operational	
			13	CAT-RENTAL	0.545	0.420	7,636,500							17-Mar-16	Operational	Contracted Capacity: 0.5 MW
			14	CAT-RENTAL	0.680	0.550	3,653,200							25-Sep-16	Operational	Contract Period: 25 Sep 2016 to 24 Sep 2017
			15	CAT-RENTAL	0.910	0.740	2,889,200							8-Oct-16	Operational	
				<b>Sub-total (rental)</b>	<b>4.405</b>	<b>3.550</b>										
	<b>Total</b>	<b>6.780</b>	<b>5.280</b>													
115	115	LORETO DPP, Dinagat  Back-Up/On Standby (DIELCO)	3	MIANS	0.500	0.380	13,014,030						6-Oct-07	Operational		
				<b>Sub-total</b>	<b>0.500</b>	<b>0.380</b>										
				<b>Total Dinagat Grid:</b>	<b>7.280</b>	<b>5.660</b>		<b>3.013</b>	<b>1.230</b>	<b>1.777</b>	<b>2.647</b>	<b>3.574</b>				
110	116	HIKOP DPP, Surigao del Norte (16 hours operation) 12:00NN-04:00AM (SURNECO)	1	DALE-PERKINS	0.163	0.155	39,614,980						5-Sep-03	Operational		
			2	CUMMINS	0.120	0.096	8,469,510						6-Oct-10	Operational		
			3	FG-WILSON	0.193	0.160	273,900						13-Oct-16	Operational		
			4	FG-WILSON	0.105	0.080	600,700						13-Oct-16	Operational		
				<b>Total:</b>	<b>0.581</b>	<b>0.491</b>		<b>0.105</b>	<b>0.040</b>	<b>0.063</b>	<b>0.386</b>	<b>0.107</b>				



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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)									
111	117	KALAMANSIG DPP, Sultan Kudarat (24 hours operation)	1	FG-WILSON PERKINS	0.600	0.400	23,475,900						12-Jul-09	Operational					
			3	PERKINS	0.600	0.400	15,616,500						5-May-11	Operational					
			6	PERKINS	0.560	0.350	62,581,030						11-Jul-09	Operational					
			21	PERKINS	0.560	0.300	48,800,120						20-Jan-17	Operational					
			24	CUMMINS	0.672	0.600	34,180						19-Feb-17	Operational					
			25	CUMMINS	0.672	0.600	40,480						19-Feb-17	Operational					
				<b>Sub-total (owned)</b>	<b>3.664</b>	<b>2.650</b>													
				<b>HASTINGS MOTOR CORP. (RENTAL)</b>															
			10	KOMATSU	0.320	0.250	25,796,170								21-Aug-13	Operational	Contracted Capacity: 1 MW		
			11	KOMATSU	0.320	0.250	26,589,910								21-Aug-13	Operational	Contract Period: 25 Mar 2016 to 24 Mar 2017		
			14	KOMATSU	0.320	0.250	20,876,500								20-Jul-15	Operational			
			15	KOMATSU	0.320	0.250	8,492,760								24-Jan-16	Operational	Contracted Capacity: 1 MW		
			16	KOMATSU	0.320	0.250	8,553,360								24-Jan-16	Operational	Contract Period: 31 Mar 2016 to 30 Mar 2017		
			17	MONARK-RENTAL	0.910	0.700	6,284,000								31-Mar-16	Operational			
			18	MONARK-RENTAL	0.455	0.300	5,961,000								31-Mar-16	Operational	Contracted Capacity: 0.5 MW		
			19	MONARK-RENTAL	0.910	0.700	3,240,700								31-Mar-16	Operational	Contract Period: 25 Apr 2016 to 24 Oct 2017		
			22	MONARK-RENTAL	0.910	0.850	172,000								29-Jan-17	Operational			
			23	MONARK-RENTAL	0.725	0.650	484,000								30-Jan-17	Operational			
				<b>Sub-total (rental)</b>	<b>5.510</b>	<b>4.450</b>													
				<b>Total :</b>	<b>9.174</b>	<b>7.100</b>					<b>3.534</b>	<b>1.455</b>	<b>2.201</b>						
			112	118	NINOY AQUINO DPP, Sultan Kudarat (16 hours operation) 8:00AM-12:00MN (SUKELCO)	1	DALE-PERKINS	0.163	0.145	48,463,310							27-Mar-98	Operational	
						2	DALE-PERKINS	0.260	0.180	53,292,520							22-Mar-98	Operational	
						3	PERKINS	0.260	0.180	47,964,780							11-May-11	Operational	
4	PERKINS	0.163				0.145	46,353,760							1-Feb-15	Operational				
10	CUMMINS	0.672				0.600	37,160							23-Feb-17	Operational				
	<b>Sub-total (owned)</b>	<b>1.518</b>				<b>1.250</b>													
8	MONARK-RENTAL	0.455				0.350	591,000								16-Jan-17	Operational	Contracted Capacity: 0.35 MW		
9	MONARK-RENTAL	0.455				0.350	6,631,000								16-Jan-17	Operational	Contract Period: 15 Jan 2017 to 16 Jan 2018		
	<b>Sub-total (rental)</b>	<b>0.910</b>				<b>0.700</b>													
	<b>Total :</b>	<b>2.428</b>				<b>1.950</b>					<b>0.780</b>	<b>0.260</b>	<b>0.431</b>						
113	119	PALIMBANG DPP, Sultan Kudarat (16 hours operation) 8:00AM-12:00MN (SUKELCO)	1	DALE-PERKINS	0.163	0.150	42,045,000							28-Apr-99	Operational				
			2	Cummins	0.275	0.200	8,410,370							21-Dec-10	Non-operational	Non-operational since 16 Oct 2016 due to cylinder heads for crack testing and turbocharger for servicing; target date of restoration is on April 2017			
			3	DALE-PERKINS	0.260	0.180	84,109,820							12-May-13	Operational				
			4	FG-WILSON	0.193	0.160	533,000							18-Oct-16	Operational				
			5	FG-WILSON	0.105	0.080	298,800							18-Oct-16	Operational				
				<b>Total :</b>	<b>0.996</b>	<b>0.770</b>					<b>0.276</b>	<b>0.070</b>	<b>0.166</b>						
114	120	BALUT DPP, Davao Occidental (16 hours operation) 12:00NN-4:00AM (DASURECO)	1	DALE-PERKINS	0.163	0.160	28,730,530							27-Sep-97	Operational				
			2	DALE-PERKINS	0.163	0.160	26,197,270							16-Jan-98	Operational				
			3	DALE-PERKINS	0.163	0.160	49,574,840							11-Nov-15	Operational				
			4	FG-WILSON	0.193	0.160	1,861,500							26-Sep-16	Operational				
			5	FG-WILSON	0.105	0.080	24,470							20-Dec-16	Operational				
				<b>Total :</b>	<b>0.787</b>	<b>0.720</b>					<b>0.160</b>	<b>0.050</b>	<b>0.102</b>						

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

Grid No.	Plant No.	PLANT, PROVINCE (Operating Hours) Time of Operation (Distribution Utility)	GENSETS PARTICULARS				ACCUMULATED RUNNING HOURS	SYSTEM DEMAND			GROSS RESERVE (DEFICIENCY)	MAXIMUM SYSTEM DEMAND (2017)	COMM'SNG DATE	STATUS	REMARKS
			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
115	121	TALICUD DPP, Davao del Norte (16 hours operation) 12:00NN-4:00AM (DANECO)	1	DALE-PERKINS	0.163	0.145	43,044.000						26-Aug-96	Operational	
			2	DALE-PERKINS	0.163	0.145	31,668.400						26-Aug-96	Operational	
			3	DALE-PERKINS	0.260	0.190	46,985.190						18-Dec-91	Operational	
			4	FG-WILSON	0.193	0.160	1,290.000						8-Oct-16	Operational	
			5	FG-WILSON	0.105	0.080	0.000						8-Oct-16	Operational	
			<b>Total :</b>					<b>0.884</b>	<b>0.720</b>		<b>0.262</b>	<b>0.100</b>	<b>0.162</b>	<b>0.458</b>	<b>0.278</b>

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

SMALL POWER UTILITIES GROUP	NO. OF PLANTS	SYSTEM DEMAND					GROSS RESERVE
		RATED	DEP.	MAX	MIN	AVE	
<b>TOTAL LUZON</b>	<b>205</b>	<b>120.112</b>	<b>92.062</b>	<b>53.877</b>	<b>24.562</b>	<b>26.701</b>	<b>38.185</b>
Land-Based	60	98.635	80.789				
Power Barge	4	17.500	7.700				
Mini-Grid	3	0.629	0.540				
Wind	1	0.180	0.000				
Hydro	1	1.800	1.800				
PRES	136	1.368	1.233				
<b>TOTAL VISAYAS</b>	<b>45</b>	<b>17.054</b>	<b>12.530</b>	<b>5.872</b>	<b>2.131</b>	<b>3.357</b>	<b>6.709</b>
Land-Based	29	13.803	10.703				
Power Barge	2	2.100	0.950				
Mini-Grid	14	1.151	0.877				
<b>TOTAL MINDANAO</b>	<b>24</b>	<b>70.880</b>	<b>54.761</b>	<b>33.076</b>	<b>16.360</b>	<b>15.731</b>	<b>21.685</b>
Land-Based	22	63.680	49.561				
Power Barge	2	7.200	5.200				
<b>TOTAL PHILIPPINES</b>	<b>274</b>	<b>208.046</b>	<b>159.353</b>	<b>92.825</b>	<b>43.054</b>	<b>45.788</b>	<b>66.579</b>

Note: Min Demand is greater than Ave Demand due to unavailability of data from NPPs