

**SMALL POWER UTILITIES GROUP**  
**POWER PLANTS/POWER BARGES OPERATIONAL REPORT FOR MINI GRIDS**  
As of August 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)					
116	124	A. MARINDUQUE/QUEZON/NORTH LUZON AREA: BALATUBAT DPP, Cagayan (8 hours operation) 4:00PM-12:00MN (NPC)	1	FG WILSON	0.1200	0.1100	11,868.200						15-May-10	Operational	
			2	WEICHAI-DEUTZ	0.0550	0.0500	593.700						24-Feb-16	Operational	
			3	FG-WILSON	0.1050	0.0800	2,754.100						19-Jul-16	Operational	
			Total :			0.2800	0.2400		0.080	0.038	0.060	0.1600	0.0800		
117	125	MINABEL DPP, Cagayan (8 hours operation) 4:00PM-12:00MN (NPC)	1	FG WILSON	0.0550	0.0500	11,227.300						18-May-10	Operational	
			2	CUMPER	0.0540	0.0500	6,150.800						1-May-02	Operational	
			Total :			0.1090	0.1000		0.038	0.011	0.026	0.0620	0.0380		
118	126	MACONACON DPP, Isabela (8 hours operation) 4:00PM-12:00MN (NPC)	1	CUMMINS	0.1200	0.1000	6,721.100						17-Nov-11	Operational	
			2	CUMMINS	0.1200	0.1000	8,084.300						17-Nov-11	Operational	
			Total :			0.2400	0.2000		0.133	0.045	0.100	0.0670	0.1330		
119	127	B. EASTERN VISAYAS AREA: COSTA RICA DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	4	CUMMINS	0.1200	0.1080	10,388.090						18-Oct-11	Operational	
			Total :			0.1200	0.1080		0.065	0.019	0.045	0.0430	0.0800		
120	128	LUNANG DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	DALE-PERKINS	0.0600	0.0420	23,782.260						1-Feb-07	Operational	
			3	PERKINS	0.0500	0.0350	1,215.530						11-Feb-17	Operational	
			Total :			0.1100	0.0770		0.037	0.010	0.026	0.0400	0.0482		
121	129	BIASONG DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	DALE-PERKINS	0.0600	0.0510	27,225.420						15-Jun-06	Operational	
			Total :			0.0600	0.0510		0.018	0.006	0.012	0.0330	0.0210		
122	130	KIRIKITE DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	CUMMINS	0.0600	0.0510	0.000						2-May-12	Operational	
			Total :			0.0600	0.0510		0.021	0.006	0.015	0.0300	0.0260		
123	131	CABUNGAAN DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	DALE-PERKINS	0.0400	0.0340	27,480.860						15-Jun-06	Operational	
			2	CUMMINS	0.1060	0.0800	0.000						3-Aug-17	Operational	
			Total :			0.1460	0.1140		0.023	0.006	0.015	0.0908	0.0282		
124	132	ILIJAN DPP, Western Samar (8 hours operation) 3:30PM-11:30PM (NPC)	1	DALE-PERKINS	0.0400	0.0340	27,446.470						15-Jun-06	Operational	
			2	CUMMINS	0.1060	0.0800	0.000						15-Jul-17	Operational	
			Total :			0.1460	0.1140		0.014	0.007	0.008	0.1000	0.0151		

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
125	133	TAKUT DPP, Western Samar  (8 hours operation)  4:00PM-12:00MN (NPC)	1	DALE-PERKINS	0.1000	0.0000	0.000						15-Jun-06	Non-operational	Not operational since 08 Dec 2016 due to unusual sounds knocking at the engine (bearings); no available spare parts; PR no. S2-MGS-006 to 009 for the replacement parts are still on process; target date of restoration is on 24 Oct 2017
			2	FG-WILSON	0.1050	0.0000	0.000						21-Dec-16	Non-operational	Not operational since 10 Jun 2017 due to burnt generator; genset is still under warranty; supplier to rectify the problem
			3	CUMMINS	0.1060	0.0800	470.000						25-Jun-17	Operational	
			Total :		0.3110	0.0800		0.059	0.019	0.042	0.0210	0.0690			
126	134	LIBUCAN DPP, Western Samar (8 hours operation) 4:00PM-12:00MN	2	PERKINS	0.1000	0.0980	11,094.100					12-Mar-09	Operational		
Total :		0.1000	0.0980		0.085	0.020	0.058	0.0128	0.0972						
127	135	BAGONGON DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	PERKINS	0.0600	0.0510	24,297.060					7-May-12	Operational		
Total :		0.0600	0.0510		0.025	0.007	0.018	0.0262	0.0304						
128	136	BULUAN DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)  Note: Increase in OH (6 to 8) on 01 Jan 2017	1	PERKINS	0.0400	0.0340	24,297.060					9-May-12	Operational		
Total :		0.0400	0.0340		0.009	0.002	0.007	0.0254	0.0109						
129	137	CINCO RAMA DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	PERKINS	0.1000	0.0750	13,638.600						8-May-12	Operational	
			2	FG WILSON	0.1050	0.0800	402.600						1-Jun-17	Operational	
			Total :		0.2050	0.1550		0.071	0.021	0.049	0.0842	0.0800			
130	138	C. WESTERN VISAYAS AREA: BATBATAN DPP, Antique (8 hours operation) 4:00PM-12:00MN (NPC)	1	PERKINS	0.1000	0.0800	15,163.100						20-Feb-10	Operational	
			Total :		0.1000	0.0800		0.045	0.011	0.028	0.0352	0.0529			
131	139	GUIWANON DPP, Guimaras (8 hours operation) 4:00PM-12:00MN (NPC)	1	PERKINS	0.0360	0.0288	17,309.500					15-Feb-10	Operational		
Total :		0.0360	0.0288		0.021	0.008	0.014	0.0077	0.0254						

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
132	140	SIBOLO DPP, Antique  (8 hours operation) 4:00PM-12:00MN (NPC)  Note : Increase in OH (6 to 8) on 01 Jan 2017	1	PERKINS	0.0300	0.0288	15,989.000					28-Feb-10	Operational		
				<b>Total :</b>	<b>0.0300</b>	<b>0.0288</b>		<b>0.014</b>	<b>0.003</b>	<b>0.008</b>	<b>0.0153</b>	<b>0.0168</b>			
								<b>0.757</b>	<b>0.239</b>	<b>0.530</b>	<b>0.8536</b>				

**SUMMARY (MINI-GRID)**

SMALL POWER UTILITIES GROUP	NO. OF PLANTS	SYSTEM DEMAND					GROSS RESERVE
		RATED	DEP.	MAX	MIN	AVE	
<b>TOTAL LUZON</b>	<b>3</b>	<b>0.629</b>	<b>0.5400</b>	<b>0.2510</b>	<b>0.094</b>	<b>0.185</b>	<b>0.289</b>
Land-Based	3	0.629	0.5400				
Power Barge	0	0.000	0.0000				
<b>TOTAL VISAYAS</b>	<b>14</b>	<b>1.524</b>	<b>1.0706</b>	<b>0.5060</b>	<b>0.145</b>	<b>0.345</b>	<b>0.565</b>
Land-Based	14	1.524	1.0706				
Power Barge	0	0.000	0.0000				
<b>TOTAL MINDANAO</b>	<b>0</b>	<b>0.000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
Land-Based	0	0.000	0.0000				
Power Barge	0	0.000	0.0000				
<b>TOTAL MINI-GRIDS</b>	<b>17</b>	<b>2.153</b>	<b>1.6106</b>	<b>0.7570</b>	<b>0.239</b>	<b>0.530</b>	<b>0.854</b>