

SMALL POWER UTILITIES GROUP
POWER PLANTS/POWER BARGES OPERATIONAL REPORT FOR MINI GRIDS
As of September 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)					
121	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	3,002.100						19-Jul-16	Operational	
			Total :			0.2800	0.2400		0.080	0.038	0.060	0.1600	0.0800		
122	125	MINABEL DPP, Cagayan (8 hours operation) 4:00PM-12:00MN (NPC)	1	FG WILSON	0.0550	0.0500	11,323.300						18-May-10	Operational	
			2	CUMPER	0.0540	0.0500	6,303.000						1-May-02	Operational	
			Total :			0.1090	0.1000		0.038	0.011	0.026	0.0620	0.0380		
123	126	MACONACON DPP, Isabela (8 hours operation) 4:00PM-12:00MN (NPC)	1	CUMMINS	0.1200	0.1000	6,885.100						17-Nov-11	Operational	
			2	CUMMINS	0.1200	0.1000	8,334.900						17-Nov-11	Operational	
			Total :			0.2400	0.2000		0.133	0.045	0.100	0.0670	0.1330		
124	127	B. EASTERN VISAYAS AREA: COSTA RICA DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	4	CUMMINS	0.1200	0.1020	10,640.120						18-Oct-11	Operational	
			Total :			0.1200	0.1020		0.065	0.019	0.045	0.0370	0.0800		
125	128	LUNANG DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	DALE-PERKINS	0.0600	0.0510	23,783.440						1-Feb-07	Operational	
			3	PERKINS	0.0500	0.0425	1,461.070						11-Feb-17	Operational	
			Total :			0.1100	0.0935		0.037	0.010	0.026	0.0565	0.0482		
126	129	BIASONG DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	DALE-PERKINS	0.0600	0.0510	27,469.580						15-Jun-06	Operational	
			Total :			0.0600	0.0510		0.018	0.006	0.012	0.0330	0.0210		
127	130	KIRIKITE DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	CUMMINS	0.0600	0.0510	14,027.000						2-May-12	Operational	
			Total :			0.0600	0.0510		0.021	0.006	0.015	0.0300	0.0260		
128	131	CABUNGAAN DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	DALE-PERKINS	0.0400	0.0340	27,728.860						15-Jun-06	Operational	
			2	CUMMINS	0.1060	0.0680	0.000						3-Aug-17	Operational	
			Total :			0.1460	0.1020		0.023	0.006	0.015	0.0788	0.0282		
129	132	ILIJAN DPP, Western Samar (8 hours operation) 3:30PM-11:30PM (NPC)	1	DALE-PERKINS	0.0400	0.0340	27,695.750						15-Jun-06	Operational	
			2	CUMMINS	0.1060	0.0000	0.000						15-Jul-17	Non-operational	
			Total :			0.1460	0.0340		0.014	0.007	0.008	0.0200	0.0151		

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
130	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 Nov 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; no tentative date of restoration.
			3	CUMMINS	0.1060	0.0680	713.000						25-Jun-17	Operational	
			Total :		0.3110	0.0680			0.059	0.019	0.042	0.0090	0.0690		
131	134	LIBUCAN DPP, Western Samar (8 hours operation) 4:00PM-12:00MN	2	PERKINS	0.1000	0.0980	11,344.800						12-Mar-09	Operational	
			Total :		0.1000	0.0980		0.085	0.020	0.058	0.0128	0.0972			
132	135	BAGONGON DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	PERKINS	0.0600	0.0510	14,427.200						7-May-12	Operational	
			Total :		0.0600	0.0510		0.025	0.007	0.018	0.0262	0.0304			
133	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	24,538.160						9-May-12	Operational	
			Total :		0.0400	0.0340		0.009	0.002	0.007	0.0254	0.0111			
134	137	CINCO RAMA DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	PERKINS	0.1000	0.0800	13,720.400						8-May-12	Operational	
			2	FG WILSON	0.1050	0.0800	570.900						1-Jun-17	Operational	
			Total :		0.2050	0.1600		0.071	0.021	0.049	0.0892	0.0800			
135	138	C. WESTERN VISAYAS AREA: BATBATAN DPP, Antique (8 hours operation) 4:00PM-12:00MN (NPC)	1	PERKINS	0.1000	0.0800	15,401.100						20-Feb-10	Operational	
			Total :		0.1000	0.0800		0.045	0.011	0.028	0.0352	0.0529			
136	139	GUIWANON DPP, Guimaras (8 hours operation) 4:00PM-12:00MN (NPC)	1	PERKINS	0.0360	0.0288	17,557.500						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)					
137	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	0.0240	16,243.200						28-Feb-10	Operational	
				Total :	0.0300	0.0240		0.014	0.003	0.008	0.0105	0.0168			
								0.757	0.239	0.530	0.7603				

SUMMARY (MINI-GRID)

SMALL POWER UTILITIES GROUP	NO. OF PLANTS	SYSTEM DEMAND					GROSS RESERVE
		RATED	DEP.	MAX	MIN	AVE	
TOTAL LUZON	3	0.629	0.5400	0.2510	0.094	0.185	0.289
Land-Based	3	0.629	0.5400				
Power Barge	0	0.000	0.0000				
TOTAL VISAYAS	14	1.524	0.9773	0.5060	0.145	0.345	0.471
Land-Based	14	1.524	0.9773				
Power Barge	0	0.000	0.0000				
TOTAL MINDANAO	0	0.000	0.0000	0.0000	0.000	0.000	0.000
Land-Based	0	0.000	0.0000				
Power Barge	0	0.000	0.0000				
TOTAL MINI-GRIDS	17	2.153	1.5173	0.7570	0.239	0.530	0.760