

SMALL POWER UTILITIES GROUP
POWER PLANTS/POWER BARGES OPERATIONAL REPORT FOR MINI GRIDS
As of January 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)					
A. MARINDUQUE/QUEZON/NORTH LUZON AREA:															
116	122	BALATUBAT DPP, Cagayan (8 hours operation) 4:00PM-12:00MN (NPC)	1	FG WILSON	0.120	0.110	11,738.800						15-May-10	Operational	
			2	WEICHAI-DEUTZ	0.055	0.050	442.500						24-Feb-16	Operational	
			3	FG-WILSON	0.105	0.080	1,337.000						19-Jul-16	Operational	
			Total :		0.280	0.240		0.0570	0.0230	0.0371	0.1830	0.0570			
117	123	MINABEL DPP, Cagayan (8 hours operation) 4:00PM-12:00MN (NPC)	1	FG WILSON	0.055	0.050	10,285.000						18-May-10	Operational	
			2	CUMPER	0.054	0.050	5,393.000						1-May-02	Operational	
			Total :		0.109	0.100		0.0310	0.0100	0.0172	0.0690	0.0310			
118	124	MACONACON DPP, Isabela (8 hours operation) 4:00PM-12:00MN (NPC)	1	CUMMINS	0.120	0.100	5,914.000						17-Nov-11	Operational	
			2	CUMMINS	0.120	0.100	6,620.400						17-Nov-11	Operational	
			Total :		0.240	0.200		0.0950	0.0340	0.0614	0.1050	0.0950			
B. EASTERN VISAYAS AREA:															
119	125	COSTA RICA DPP, Western Samar (8 hours operation) 4:00PM-12:00MN	4	CUMMINS	0.120	0.102	8,656.060						18-Oct-11	Operational	
			Total :		0.120	0.102		0.0720	0.0160	0.0417	0.0300	0.0720			
120	126	LUNANG DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	DALE-PERKINS	0.060	0.051	23,167.860						1-Feb-07	Operational	
			3	PERKINS	0.050	0.043	97.330						1-Jan-17	Operational	
			Total :		0.110	0.094		0.0310	0.0080	0.0181	0.0625	0.0310			
121	127	BIASONG DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	DALE-PERKINS	0.060	0.051	25,524.300						15-Jun-06	Operational	
			Total :		0.060	0.051		0.0200	0.0060	0.0120	0.0310	0.0200			
122	128	KIRIKITE DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	CUMMINS	0.060	0.051	12,147.000						2-May-12	Operational	
			Total :		0.060	0.051		0.0220	0.0070	0.0146	0.0290	0.0220			
123	129	CABUNGAAN DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	DALE-PERKINS	0.040	0.034	25,785.440						15-Jun-06	Operational	
			Total :		0.040	0.034		0.0207	0.0073	0.0142	0.0133	0.0207			
124	130	ILJUAN DPP, Western Samar (8 hours operation) 3:30PM-11:30PM (NPC)	1	DALE-PERKINS	0.040	0.034	25,696.120						15-Jun-06	Operational	
			Total :		0.040	0.034		0.0116	0.0050	0.0074	0.0224	0.0116			

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
125	131	TAKUT DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	DALE-PERKINS	0.100	0.000	0.000						15-Jun-06	Non-operational	Non-operational since 08 Dec 2016 due to unusual sounds knocking at the engine (bearings); no available spare parts; PR is still on process; target date of restoration is on June 2017
			2	FG-WILSON	0.105	0.085	290.400						21-Dec-16	Operational	
			Total :		0.205	0.085		0.0510	0.0190	0.0372	0.0850	0.0510			
126	132	LIBUCAN DACU DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	2	PERKINS	0.100	0.085	9,323.900						12-Mar-09	Operational	
		Total :		0.100	0.085		0.0753	0.0285	0.0522	0.0097	0.0753				
127	133	BAGONGON DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	PERKINS	0.060	0.051	0.000						7-May-12	Operational	
		Total :		0.060	0.051		0.0248	0.0033	0.0151	0.0262	0.0248				
128	134	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	0.040	0.034	22,581.170						9-May-12	Operational	
		Total :		0.040	0.034		0.0109	0.0025	0.0068	0.0231	0.0109				
129	135	CINCO RAMA DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	PERKINS	0.100	0.085	12,337.900						8-May-12	Operational	
		Total :		0.100	0.085		0.0649	0.0135	0.0454	0.0201	0.0649				
C. WESTERN VISAYAS AREA:															
130	136	BATBATAN DPP, Antique (8 hours operation) 4:00PM-12:00MN (NPC)	1	PERKINS	0.100	0.070	13,721.000						20-Feb-10	Operational	
		Total :		0.100	0.070		0.0508	0.0147	0.0251	0.0192	0.0508				
131	137	GUIWANON DPP, Guimaras (8 hours operation) 4:00PM-12:00MN (NPC)	1	PERKINS	0.036	0.025	15,614.400						15-Feb-10	Operational	
		Total :		0.036	0.025		0.0239	0.0081	0.0148	0.0013	0.0239				

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			UNIT NO.	MAKE	RATED (MW)	DEP. (MW)		MAX (MW)	MIN (MW)	AVE (MW)					
132	138	SIBOLO DPP, Antique (8 hours operation) 4:00PM-12:00MN (NPC) Note : Increase in OH (6 to 8) on 01 Jan 2017	1	PERKINS	0.030	0.021	14,248.900					28-Feb-10	Operational		
				Total :	0.030	0.021		0.0128	0.0041	0.0080	0.0082	0.0128			

SUMMARY (MINI-GRID)

SMALL POWER UTILITIES GROUP	NO. OF PLANTS	SYSTEM DEMAND					GROSS RESERVE
		RATED	DEP.	MAX	MIN	AVE	
TOTAL LUZON	3	0.629	0.540	0.183	0.067	0.116	0.357
Land-Based	3	0.629	0.540				
Power Barge	0	0.000	0.000				
TOTAL VISAYAS	14	1.101	0.822	0.492	0.143	0.313	0.381
Land-Based	14	1.101	0.822				
Power Barge	0	0.000	0.000				
TOTAL MINDANAO	0	0.000	0.000	0.000	0.000	0.000	0.000
Land-Based	0	0.000	0.000				
Power Barge	0	0.000	0.000				
TOTAL MINI-GRIDS	17	1.730	1.362	0.675	0.210	0.428	0.738