

SMALL POWER UTILITIES GROUP
POWER PLANTS/POWER BARGES OPERATIONAL REPORT FOR MINI GRIDS
As of July 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	0.120	0.110	11,868.200						15-May-10	Operational	
			2	WEICHAI-DEUTZ	0.055	0.050	593.700						24-Feb-16	Operational	
			3	FG-WILSON	0.105	0.080	2,507.700						19-Jul-16	Operational	
			Total :		0.280	0.240		0.0750	0.0350	0.0581	0.1650	0.0750			
117	125	MINABEL DPP, Cagayan (8 hours operation) 4:00PM-12:00MN (NPC)	1	FG WILSON	0.055	0.050	11,071.000						18-May-10	Operational	
			2	CUMPER	0.054	0.050	6,062.800						1-May-02	Operational	
			Total :		0.109	0.100		0.0350	0.0110	0.0242	0.0650	0.0350			
118	126	MACONACON DPP, Isabela (8 hours operation) 4:00PM-12:00MN (NPC)	1	CUMMINS	0.120	0.100	6,552.800						17-Nov-11	Operational	
			2	CUMMINS	0.120	0.100	7,842.500						17-Nov-11	Operational	
			Total :		0.240	0.200		0.1310	0.0430	0.0950	0.0690	0.1310			
119	127	B. EASTERN VISAYAS AREA: COSTA RICA DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	4	CUMMINS	0.120	0.108	10,144.190						18-Oct-11	Operational	
			Total :		0.120	0.108		0.0660	0.0170	0.0460	0.0420	0.0800			
120	128	LUNANG DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	DALE-PERKINS	0.060	0.051	23,580.510						1-Feb-07	Operational	
			3	PERKINS	0.050	0.043	1,171.480						11-Feb-17	Operational	
			Total :		0.110	0.094		0.0376	0.0104	0.0263	0.0559	0.0482			
121	129	BIASONG DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	DALE-PERKINS	0.060	0.051	26,976.650						15-Jun-06	Operational	
			Total :		0.060	0.051		0.0180	0.0050	0.0127	0.0330	0.0210			
122	130	KIRIKITE DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	CUMMINS	0.060	0.051	13,538.000						2-May-12	Operational	
			Total :		0.060	0.051		0.0210	0.0060	0.0152	0.0300	0.0260			
123	131	CABUNGAAN DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	DALE-PERKINS	0.040	0.034	27,232.860						15-Jun-06	Operational	
			Total :		0.040	0.034		0.0222	0.0074	0.0153	0.0118	0.0282			
124	132	ILIJAN DPP, Western Samar (8 hours operation) 3:30PM-11:30PM (NPC)	1	DALE-PERKINS	0.040	0.034	27,193.370						15-Jun-06	Operational	
			Total :		0.040	0.034		0.0124	0.0068	0.0079	0.0216	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	0.100	0.000	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 15 Aug 2017
			2	FG-WILSON	0.105	0.000	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	0.106	0.080	231.000						25-Jun-17	Operational	
			Total :			0.311	0.080		0.0620	0.0130	0.0399	0.0180	0.0690		
126	134	LIBUCAN DPP, Western Samar (8 hours operation) 4:00PM-12:00MN	2	PERKINS	0.100	0.098	10,843.600						12-Mar-09	Operational	
			Total :			0.100	0.098		0.0824	0.0193	0.0565	0.0156	0.0972		
127	135	BAGONGON DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	PERKINS	0.060	0.051	13,932.800						7-May-12	Operational	
			Total :			0.060	0.051		0.0299	0.0061	0.0175	0.0211	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	0.040	0.034	24,039.560						9-May-12	Operational	
			Total :			0.040	0.034		0.0093	0.0025	0.0063	0.0247	0.0109		
129	137	CINCO RAMA DPP, Western Samar (8 hours operation) 4:00PM-12:00MN (NPC)	1	PERKINS	0.100	0.070	13,409.700						8-May-12	Operational	
			2	FG WILSON	0.105	0.080	380.800						1-Jun-17	Operational	
			Total :			0.205	0.150		0.0720	0.0160	0.0514	0.0780	0.0800		
130	138	C. WESTERN VISAYAS AREA: BATBATAN DPP, Antique (8 hours operation) 4:00PM-12:00MN (NPC)	1	PERKINS	0.100	0.085	14,953.000						20-Feb-10	Operational	
			Total :			0.100	0.085		0.0459	0.0107	0.0270	0.0391	0.0529		
131	139	GUIWANON DPP, Guimaras (8 hours operation) 4:00PM-12:00MN (NPC)	1	PERKINS	0.036	0.031	0.000						15-Feb-10	Operational	
			Total :			0.036	0.031		0.0212	0.0082	0.0136	0.0094	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	0.030	0.026	15,742.000						28-Feb-10	Operational	
				Total :	0.030	0.026		0.0135	0.0038	0.0083	0.0120	0.0168			

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	0.241	0.089	0.177	0.299
Land-Based	3	0.629	0.540				
Power Barge	0	0.000	0.000				
TOTAL VISAYAS	14	1.312	0.926	0.513	0.132	0.344	0.412
Land-Based	14	1.312	0.926				
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	1.941	1.466	0.754	0.221	0.521	0.711