

SMALL POWER UTILITIES GROUP
POWER PLANTS/POWER BARGES OPERATIONAL REPORT FOR EXISTING AREAS

As of September 25, 2011

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Grid No.	ISLAND /PLANT/BARGE (Operating Hours)/ (Electric Coop.)	GENSETS PARTICULARS				ACCUM. RUNNING HOURS	SYSTEM DEMAND/PEAK LOAD (MW)			NET RESERVE/ (DEFICIENCY)	MAXIMUM SYTEM DEMAND (2011)	COMM'NG DATE	REMARKS (Date Reported)		
		UNIT NO.	MAKE	RATED CAP. (MW)	DEP. CAP. (MW)		MAX	MIN	AVE						
1	A. MARINDUQUE/QUEZON/ NORTHERN LUZON AREA: Marinduque Grid 24Hr. Optn. 1. BOAC DPP (19) (Marelco) 2. TORRIJOS DPP (Stand by) (4) (Marelco) 3. POWER BARGE 120 (24) (Marelco)	Total-Grid		14.350	11.050		7.340	3.680	5.510	3.710	8.090	13-Jun-97 OPERATIONAL 13-Jun-97 OPERATIONAL 13-Jun-97 OPERATIONAL 02-Apr-09 OPERATIONAL 06-Jan-11 OPERATIONAL	Derated Capacity from 1.224 to 0.700		
		1	CKD	0.700	0.700	42,168.00									
		2	CKD	0.700	0.700	32,320.40									
		3	CKD	0.700	0.700	40,129.30									
		Sub-total		2.100	2.100										
		4	Deutz (Rental)	0.550	-	119.400									
		5	Cummins (Rental)	4.000	4.000	6,000.590									
		Sub-total		4.550	4.000										
		Total		6.650	6.100		5.850	1.600	2.446	0.250	5.930				
		1	DALE-PERKINS	0.500	0.450	2,588.20									
		Sub-total		0.500	0.450		0.380	0.300	0.330	0.070	0.380				
		1	DAIHATSU	1.800	1.500	68,130.60									
		2	DAIHATSU	1.800	-	56,797.21									
		3	DAIHATSU	1.800	1.500	70,734.05									
4	DAIHATSU	1.800	1.500	68,670.79											
Sub-total		7.200	4.500		4.120	1.000	1.825	0.380	4.500						
2	4. POLILIO DPP, Quezon (16) (Quezelco II)	1	DALE-PERKINS	0.260	-	35,589.61									
		2	DALE-PERKINS	0.560	0.350	41,683.12									
		3	DALE-PERKINS	0.260	0.200	34,694.37									
		4	CATERPILLAR	0.320	0.200	31,187.97									
		5	FGW	0.540	0.540	9,209.20									
		6	CUMMINS	0.240	0.100	25,350.56									
		7	MAN-DIESEL	0.500	0.500	7,889.12									
		8	MAN-DIESEL	0.500	0.500	7,681.01									
		Sub-total		3.180	2.390		1.324	0.700	0.889	1.066	1.324				
3	5. JOMALIG DPP, Quezon (8) (Quezelco II)	1	DALE-PERKINS	0.163	0.150	17,916.00									
		2	FG WILSON	0.100	0.090	6,132.00									
		3	CUMPER-PERKINS	0.054	0.050	3,826.00									
		Sub-total		0.317	0.290		0.115	0.047	0.091	0.175	0.121				
4	6. PATNANUNGAN DPP, Quezon (8) (Quezelco II)	1	DALE-PERKINS	0.163	0.150	22,664.35									
		2	DALE-PERKINS	0.163	0.150	19,308.42									
		Sub-total		0.326	0.300		0.212	0.077	0.155	0.088	0.219				
5	7. BASCO DPP, Batanes (24) (Batanelco)	1	STAMFORD-PERKINS	0.500	-	17,004.58									
		2	DALE-PERKINS	0.260	0.150	39,190.67									
		3	DALE-PERKINS	0.163	0.121	50,871.56									
		4	CUMMINS	0.500	0.500	2,426.23									
		5	CUMMINS	0.500	0.500	2,417.77									
		6	STAMFORD-PERKINS	0.500	-	17,191.16									
		7	MAN B&W	0.500	0.500	49,360.32									
	Sub-total		2.923	1.771											
	8. Wind Turbine	1	Vergnet	0.060	-	6,824.00									
		2	Vergnet	0.060	-	4,885.00									
		3	Vergnet	0.060	-	5,568.00									
	Sub-total		0.180	-		1.130	0.190	0.796	0.641	1.130					
	6	9. SABTANG DPP, Batanes (18) (Batanelco)	1	DALE-PERKINS	0.163	-	49,669.16								
2			DALE-PERKINS	0.163	0.160	7,492.67									
Sub-total			0.326	0.160		0.103	0.042	0.079	0.057	0.103					

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		UNIT NO.	MAKE	RATED		DEP.	MAX	MIN					AVE
				CAP. (MW)		CAP. (MW)							
7	10. ITBAYAT DPP, Batanes (18) Start of 18 hours July 2007 (Batanelco)	1	DALE-PERKINS	0.163	0.150	37,614.22					01-Dec-96	OPERATIONAL	
		2	DALE-PERKINS	0.163	0.150	26,684.69					01-Dec-96	OPERATIONAL	
			Sub-total	0.326	0.300		0.142	0.060	0.107	0.158	0.142	(Sep 25, 2011)	
8	11. CALAYAN DPP, Cagayan (12) (Cagelco)	1	DALE-PERKINS	0.163	0.150	19,549.20					22-Aug-92	OPERATIONAL	
		2	DALE-PERKINS	0.163	-	27,485.30					22-Aug-92	NOT OPERATIONAL	
		3	FG WILSON	0.100	0.100	4,103.90					03-Mar-09	OPERATIONAL	
			Sub-total	0.426	0.250		0.178	0.085	0.114	0.072	0.178	(Sep 25, 2011)	
9	12. LUBUAGAN DPP, Kalinga (12) since Mar. 2004 (Kaelco)	1	CUMMINS	0.190	0.185	19,342.15					24-Jun-92	OPERATIONAL	
		2	DALE-PERKINS	0.260	0.255	18,366.23					24-Jun-92	OPERATIONAL	
		3	FG WILSON	0.100	0.090	142.40					05-Feb-09	OPERATIONAL	
			Sub-total	0.550	0.530		0.145	0.055	0.116	0.385	0.180	(Sep 25, 2011)	
10	13. KABUGAO DPP, Apayao (24) (Kaelco)	1	DALE-PERKINS	0.260	0.250	47,484.95					27-Oct-93	OPERATIONAL	
		2	DALE-PERKINS	0.163	0.150	44,081.16					27-Oct-93	OPERATIONAL	
		3	CKD	0.220	0.200	35,526.21					03-Dec-96	OPERATIONAL	
			Sub-total	0.643	0.600		0.148	0.052	0.081	0.452	0.163	(Sep 25, 2011)	
11	14. PALANAN DPP, Isabela (12) Start of 12 hours oper. 1/30/06 (Iselco II)	1	DALE-PERKINS	0.163	0.160	19,340.10					01-Aug-95	OPERATIONAL	
		2	DALE-PERKINS	0.260	0.250	18,364.24					01-Aug-95	OPERATIONAL	
		3	F. G. WILSON	0.100	0.090	140.20					04-Apr-09	OPERATIONAL	
			Sub-total	0.523	0.500		-	-	-	0.500		(Sep 25, 2011)	
12	15. CASIGURAN DPP, Aurora (20)	1	MAN	0.500	-	27,725.55					12-Jul-04	NOT OPERATIONAL	
		2	MAN	0.500	0.450	31,425.42					12-Jul-04	OPERATIONAL	
		3	DALE-PERKINS	0.675	-	5,315.32					02-May-04	NOT OPERATIONAL	
		4	DALE-PERKINS	0.260	0.200	17,683.54					02-Aug-92	OPERATIONAL	
		5	DALE-PERKINS	0.675	0.500	1,786.74					12-Nov-10	OPERATIONAL	
			Sub-total	2.610	1.150		0.976	0.394	0.385	0.174	1.316	(Sep 25, 2011)	
13	B. CATANDUANES/MASBATE AREA a. Catanduanes Grid		Total-Grid	12.328	9.015		7.093	3.301	5.197	1.922	7.689		
	16. BALONGBONG MHEP (24) (Ficelco)	1	SFW	0.900	0.900	127,522.40					01-Aug-88	OPERATIONAL	
		2	SFW	0.900	0.900	114,145.02					01-Aug-88	OPERATIONAL	
			Sub-total	1.800	1.800		1.800	0.050	0.508	0.000	1.800	(Sep 25, 2011)	
	17. MARINAWA DPP (Back-up) (24) (Ficelco) Rental (Units 3, 5, 6 & 7)	1	CKD/DA6-27.5B8S	1.224	0.800	32,595.57					01-Apr-98	OPERATIONAL	
		2	CKD/DA6-27.5B8S	1.224	0.800	37,477.92					03-Mar-98	OPERATIONAL	
		5	MONARK-2	1.000	0.800	738.00						OPERATIONAL	
		6	MONARK-3	1.000	0.800	695.00						OPERATIONAL	
		7	MONARK-4	0.600	0.600	10,728.00						OPERATIONAL	
		3	MONARK-1	1.000	0.800	2,178.00						OPERATIONAL	
			Sub-total	6.048	4.600		4.600	2.890	1.741	0.000	4.790	(Sep 25, 2011)	
	18. POWER BARGE 110 (6) (Ficelco) April 24, 2007, towed back to Catanduanes	1	DALE-PERKINS	0.560	0.400	42,289.09					26-Mar-93	OPERATIONAL	
		2	DALE-PERKINS	0.560	-	48,988.18					26-Mar-93	NOT OPERATIONAL	
		3	DALE-PERKINS	0.560	0.400	46,283.35					26-Mar-93	OPERATIONAL	
		4	DALE-PERKINS	0.560	0.400	45,317.45					26-Mar-93	OPERATIONAL	
			Sub-total	2.240	1.200		1.200	0.350	0.746	-	1.200	(Sep 25, 2011)	
	19. VIGA DPP (6) (Ficelco)	1	DALE-PERKINS	0.560	0.435	25,562.07					02-May-03	OPERATIONAL	
		2	DALE-PERKINS	0.560	0.250	19,954.02					09-Aug-91	OPERATIONAL	
		3	DALE-PERKINS	0.560	0.250	15,266.98					14-Feb-01	OPERATIONAL	
		4	DALE-PERKINS	0.560	0.480	25,741.82					03-May-03	OPERATIONAL	
			Sub-total	2.240	1.415		0.850	0.200	0.541	0.565	0.850	(Sep 25, 2011)	
	FICELCO DPP (COOP) 2 x 0.650 / 1 x 1.060											NOT OPERATIONAL	

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		UNIT NO.	MAKE	RATED	DEP.		MAX	MIN	AVE				
				CAP. (MW)	CAP. (MW)								
14	b. Albay Islands 20. RAPU-RAPU DPP, Albay (12) (Aleco) Start of 12 hrs. oper. since 05 Oct. 2005	1	DALE-PERKINS	0.163	-	32,366.38					07-Nov-96	NOT OPERATIONAL Transfer to Batan - May 2010	
		2	DALE-PERKINS	0.163	0.150	32,981.95					07-Nov-96	OPERATIONAL	
		3	CKD	0.220	0.200	14,263.26					25-May-01	OPERATIONAL	
		4	DALE-PERKINS	0.163	-	-					2005	NOT OPERATIONAL Under PMS - stator for rewinding	
		5	MAN	0.500	0.500	5,331.11					24-Oct-07	OPERATIONAL	
			Sub-total	1.046	0.850		0.440	0.160	0.313	0.410		0.440 (Sep 25, 2011)	
15	21. BATAN DPP, Albay (8) (Aleco)	1	DALE-PERKINS	0.163	0.150	30,774.68					27-Mar-92	OPERATIONAL	
		2	DALE-PERKINS	0.163	0.150	12,479.00					08-May-92	OPERATIONAL	
		3	DALE-PERKINS	0.163	0.150	10,716.82					07-Nov-96	OPERATIONAL Transfer from Rapu-Rapu - May 2010	
			Sub-total	0.489	0.450		0.300	0.028	0.205	0.150		0.300 (Sep 25, 2011)	
16	c. Masbate Grid Mobo, Masbate 22. MASBATE DPP I (Back-up only) (24) (Maselco) 23. POWER BARGE 105 (24) (Maselco) Arrived Masbate 12/14/2005 NPP		Total-Grid	25.900	22.710					22.710	0.600		
		3	MAN 8L 20/27	0.500	0.400	53,628.65					01-Nov-89	OPERATIONAL	
		4	MAN 8L 20/27	0.500	0.350	67,375.49					01-Dec-89	OPERATIONAL	
		5	MAN 8L 20/27	0.500	-	65,336.69					01-Dec-89	NOT OPERATIONAL On stand-by	
			Sub-total	1.500	0.750		0.320	0.280	0.268	0.430		(Sep 25, 2011)	
		1	DAIHATSU	-	-	45,801.67					29-Aug-92	NOT OPERATIONAL	
		2	DAIHATSU	-	-	52,130.34					29-Aug-92	NOT OPERATIONAL N/O since 22 June 2006 damaged by fire	
		3	DAIHATSU	-	-	51,682.46					29-Aug-92	NOT OPERATIONAL	
		4	DAIHATSU	-	-	58,393.00					29-Aug-92	NOT OPERATIONAL	
			Sub-total	-	-								
			DMCI	24.400	21.960						01-Jul-10	OPERATIONAL (Sep 25, 2011)	
			Sub-total	25.900	22.710								
17	24. TICAO DPP, Masbate (24) Rental (Ticelco)	2	DALE-PERKINS	0.220	-	4,225.00					10-May-98	NOT OPERATIONAL Under Maint	
		5	MAN	0.500	0.400	21,548.21					25-Jan-02	OPERATIONAL	
		7	RENTAL	1.200	1.200	6,767.39					01-Jul-09	OPERATIONAL	
			Sub-total	1.920	1.600		1.173	0.467	0.695	0.427		1.200 (Sep 25, 2011)	
18	C. MINDORO/ROMBLON AREA: a. Occidental Mindoro 25. PULANG LUPA DPP (24) (Omeco) 26. POWER BARGE 106 (24) Arrived S. J. Occ. Mindoro 18 Sep 06 ISLAND POWER CORP.		Total-Grid	28.500	20.250		13.950	6.310	10.130	6.300	14.640		
		1	CKD	0.700	-	19,782.14					15-Oct-96	NOT OPERATIONAL	
		2	CKD	0.700	-	18,891.91					15-Oct-96	NOT OPERATIONAL	
			Sub-total	1.400	-								
		1	Rental (Cummins)	4.000	4.000	388,111.47					28-Feb-10	OPERATIONAL (Sep 25, 2011)	
			Sub-total	4.000	4.000		4.000	1.600	2.060	-	4.000		
			Total	5.400	4.000								
		1	DAIHATSU	3.600	2.400	76,103.45					29-Aug-92	OPERATIONAL	
		2	DAIHATSU	3.600	2.200	78,450.53					29-Aug-92	OPERATIONAL	
		3	DAIHATSU	2.700	-	53,744.00					29-Aug-92	NOT OPERATIONAL	
		4	DAIHATSU	2.700	2.200	71,611.20					29-Aug-92	OPERATIONAL Under maintenance March 2011. Unit 3 & 4 derated from 3.6 to 2.7 by Daihatsu Engineer	
			Sub-total	12.600	6.800		5.500	3.900	2.712	1.300	7.200	(Sep 25, 2011)	
			2 x 3.5	-	-							NOT OPERATIONAL N/O since August 2001. No spare parts. Deactivated	

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		UNIT NO.	MAKE	RATED CAP. (MW)		DEP. CAP. (MW)	MAX	MIN					AVE
32	POWER BARGE 109 (Tielco) (18) Aug 14 towed to Tablas Island	2	DALE-PERKINS	0.540	0.450	4,698.82						16-Apr-10 OPERATIONAL 22-Sep-08 OPERATIONAL 22-Sep-08 OPERATIONAL (Sep 25, 2011)	
		3	FG WILSON	0.600	0.500	3,732.70							
		4	FG WILSON	0.600	0.500	10,948.70							
		Sub-total		1.740	1.450		0.715	0.250	0.402	0.735	0.749		
23	33. ROMBLON DPP, Romblon (20) (Romelco)	Total-Grid		3.670	3.100		1.220	0.610	0.915	1.880	1.336	16-Jun-92 OPERATIONAL 10-Dec-08 OPERATIONAL 29-Nov-08 OPERATIONAL 16-Jun-92 OPERATIONAL (Sep 25, 2011) 01-Jun-09 NOT OPERATIONAL U/M spare parts under warranty 01-Jun-09 OPERATIONAL 03-May-10 OPERATIONAL 03-May-10 OPERATIONAL (Sep 25, 2011)	
		1	DALE-PERKINS	0.260	0.200	77,513.23							
		2	FG WILSON	0.600	0.450	10,254.00							
		5	FG WILSON	0.600	0.500	7,672.00							
	4	DALE-PERKINS	0.260	0.200	41,510.44	0.860	0.130	0.360	0.490	0.860			
	Sub-total		1.720	1.350									
	34. POWER BARGE 114 (24) (Romelco)	2	FG WILSON	0.650	0.550	8,265.20							
		3	FG WILSON	0.650	0.600	3,007.30							
4		FG WILSON	0.650	0.600	6,143.60								
Sub-total		1.950	1.750		1.232	0.253	0.690	0.518	1.281				
24	35. SIBUYAN DPP, Romblon (24) (Romelco)	1	DALE-PERKINS	0.260	0.200	63,208.07						28-Mar-92 OPERATIONAL 28-Mar-92 NOT OPERATIONAL Under maintenance 28-Oct-96 OPERATIONAL 02-May-97 OPERATIONAL 25-Apr-07 NOT OPERATIONAL 30-Dec-07 OPERATIONAL 31-Dec-07 OPERATIONAL (Sep 25, 2011)	
		2	DALE-PERKINS	0.163	-	59,942.13							
		3	CKD	0.220	0.160	55,171.82							
		4	CKD	0.163	0.130	52,647.82							
		6	FGWILSON	(0.600)	-	7,658.00							
		7	MAN	0.500	0.475	15,408.58							
		8	MAN	0.500	0.475	17,796.80							
		Sub-total		1.806	1.440		0.690	0.130	0.276	0.750	1.053		
25	36. SAN JOSE DPP, Romblon (12) (Tielco)	1	DALE-PERKINS	0.163	-	9,389.56						01-Dec-04 NOT OPERATIONAL Under maintenance. Waiting for spare parts 01-May-97 OPERATIONAL 25-Jul-07 OPERATIONAL (Sep 25, 2011)	
		2	DALE-PERKINS	0.163	0.150	28,477.99							
		3	CATERPILLAR	0.228	0.180	8,073.60							
		Sub-total		0.554	0.330		0.195	0.070	0.127	0.135	0.242		
26	37. BANTON DPP, Romblon (8) as of Jan 2004 (LGU)	1	DALE-PERKINS	0.163	0.160	23,393.54						09-Apr-99 OPERATIONAL 16-Apr-96 OPERATIONAL (Sep 25, 2011)	
		2	DALE-PERKINS	0.163	0.160	21,785.65							
		Sub-total		0.326	0.320		0.165	0.031	0.096	0.155	0.195		
27	38. CORCUERA DPP, Romblon (8) (LGU)	1	DALE-PERKINS	0.163	0.135	22,000.00						02-May-96 OPERATIONAL 14-Jul-99 OPERATIONAL 01-May-07 OPERATIONAL (Sep 25, 2011)	
		2	DALE-PERKINS	0.163	0.130	21,800.00							
		3	MAN	0.500	0.500	8,892.40							
		Sub-total		0.826	0.765		0.350	0.250	0.249	0.415	0.360		
28	39. CONCEPCION DPP, Romblon (8) (LGU)	1	DALE-PERKINS	0.163	0.160	24,950.50						01-Mar-97 OPERATIONAL 14-Dec-01 OPERATIONAL (Sep 25, 2011)	
		2	DALE-PERKINS	0.163	0.160	19,470.30							
		Sub-total		0.326	0.320		0.175	0.070	0.116	0.145	0.175		

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		UNIT NO.	MAKE	RATED CAP. (MW)		DEP. CAP. (MW)	MAX	MIN					AVE		
42	E. SPUG - VISAYAS a. Western Visayas 53. BANTAYAN DPP, Cebu (24) (Banelco)		Total-Grid	4.000	-		-	-	-	0.000					
		1	MAN	0.500		22,037.51						25-Jun-84	NOT OPERATIONAL		
		2	MAN	0.500		23,049.22						25-Jun-84	NOT OPERATIONAL		
		3	MAN	0.500		27,578.03						25-Jun-84	NOT OPERATIONAL		
		4	PIELSTICK-PA6	2.500		25,599.66						01-Jun-97	NOT OPERATIONAL		
		6	Tandem	(4.400)	-	0.00								NOT OPERATIONAL	
			Sub-total	4.000	-							(Sep 25, 2011)			
43	54. GUINTARCAN DPP, Cebu (8) (Banelco)	1	DALE-PERKINS	0.100	0.098	7,180.00						21-Sep-07	OPERATIONAL		
		2	DALE-PERKINS	0.163	0.160	29,502.00						09-Mar-94	OPERATIONAL		
			Sub-total	0.263	0.258		0.090	0.025	0.060	0.168	0.090			(Sep 25, 2011)	
44	55. DOONG DPP, Cebu (8) 8 hrs oper starts Dec 2005 (Banelco)	1	DALE-PERKINS	0.163	-	21,788.84						26-May-93	NOT OPERATIONAL		
		2	DALE-PERKINS	0.163	0.160	21,604.04						26-May-93	OPERATIONAL		
			Sub-total	0.326	0.160		0.138	0.045	0.092	0.022	0.160			(Sep 25, 2011)	
45	SIQUIJOR 56. SIQUIJOR DPP, Siquijor (24) (Prosielco) (18) 57. POWER BARGE 113 (Prosielco) (18) 58. POWER BARGE 116 (Prosielco) (18) (Transferred 15 December 2006)		Total-Grid	6.240	4.040		3.032	1.442	2.237	1.008	3.153				
		1	MAN	0.500	0.400	142,097.92							25-Jun-84	OPERATIONAL	
		2	MAN	0.500	0.425	151,766.01							25-Jun-84	OPERATIONAL	
		3	MAN	0.500	0.415	140,860.50							25-Jun-84	OPERATIONAL	
		4	Rental	1.000	1.000	2,762.81							21-Nov-10	OPERATIONAL	
			Sub-total	2.500	2.240		2.190	0.875	1.131	0.050	2.193				(Sep 25, 2011)
		1	DALE-PERKINS	0.750	-	9,777.80							07-Sep-08	NOT OPERATIONAL	
		2	DALE-PERKINS	0.750	0.550	11,032.50							14-Jul-08	OPERATIONAL	
		3	DALE-PERKINS	0.560	0.250	21,930.05							06-Dec-93	OPERATIONAL	
		4	DALE-PERKINS	0.560	0.300	23,583.16							06-Dec-93	OPERATIONAL	
			Sub-total	2.620	1.100		0.710	0.365	0.505	0.390	1.170				(Sep 25, 2011)
		1	DALE-PERKINS	0.560	0.350	43,112.01							17-Jun-93	OPERATIONAL	
		2	DALE-PERKINS	0.560	0.350	40,558.40							17-Jun-93	OPERATIONAL	
		3	DALE-PERKINS	(0.560)		15,533.44							06-Dec-93	Decommissioned April 01, 2010	
		4	DALE-PERKINS	(0.560)		36,102.96							17-Jun-93	Decommissioned May 01, 2010	
5	DALE-PERKINS	(0.560)		36,746.84							17-Jun-93	Decommissioned Feb 2011			
	Sub-total	1.120	0.700		0.580	0.250	0.338	0.120	0.580				(Sep 25, 2011)		
46	59. GIGANTES DPP, Iloilo (8) (Ileco III)	1	DALE-PERKINS	0.163	0.160	19,486.07						17-Apr-97	OPERATIONAL		
		2	DALE-PERKINS	0.163	0.160	15,410.38						12-Aug-93	OPERATIONAL		
			Sub-total	0.326	0.319		0.095	0.030	0.072	0.224	0.095			(Unit from Sn Antonio DPP. Down grade from 263 kW to 163 kW on Sept 10, 2007) (Unit from Guintarcan DPP transferred 23 August 2007)	
47	60. CALUYA DPP, Antique Start 20 hrs operation Dec 2010 16 hours npc + 4 hrs lgu (Anteco)	1	DALE-PERKINS	0.163	0.160	27,157.04						21-Sep-92	OPERATIONAL		
		2	DALE-PERKINS	0.163	0.160	27,175.36						21-Sep-93	OPERATIONAL		
		3	FG WILSON-PERKINS	0.132	0.129	5,013.00						19-Jul-09	OPERATIONAL		
		4	FG WILSON-PERKINS	0.132	0.129	4,003.00						03-Dec-09	OPERATIONAL		
			Sub-total	0.590	0.578		0.205	0.056	0.128	0.373	0.205			(Sep 25, 2011)	
48	b. Eastern Visayas 61. CAMOTES DPP, Cebu (24) (Celco)	1	MAN	0.300	0.285	133,158.85						08-Feb-88	OPERATIONAL		
		2	MAN	0.300	0.285	118,556.35						08-Feb-88	OPERATIONAL		
		3	DALE-PERKINS	0.560	0.500	17,391.70						07-Aug-02	OPERATIONAL		
		5	MAN	0.528	0.500	66,106.45						01-Mar-02	OPERATIONAL		
		6	MAN	0.500	0.475	32,393.88						02-May-07	OPERATIONAL		
			Sub-total	2.188	2.045		1.686	0.595	0.879	0.359	1.700			(Sep 25, 2011)	
49	62. PILAR DPP, Cebu (18) (Celco) Start of 18 hrs. 26 Nov 2008	1	DALE-PERKINS	0.163	0.160	32,366.16						03-Nov-93	OPERATIONAL		
		2	DALE-PERKINS	0.163	0.160	30,663.27						03-Nov-93	OPERATIONAL		
		3	DALE-PERKINS	0.250	0.245	20,001.10						13-Dec-04	OPERATIONAL		
			Sub-total	0.576	0.564		0.255	0.060	0.132	0.309	0.265			(Sep 25, 2011)	

Grid No.	ISLAND /PLANT/BARGE (Operating Hours)/ (Electric Coop.)	GENSETS PARTICULARS			ACCUM. RUNNING HOURS	SYSTEM DEMAND (MW)			NET RESERVE/ (DEFICIENCY)	MAXIMUM SYTEM DEMAND (2011)	COMM'SNG DATE	REMARKS (Date Reported)	
		UNIT NO.	MAKE	RATED CAP. (MW)		DEP. CAP. (MW)	MAX	MIN					AVE
50	63. MARIPIPI DPP, Biliran (12) Sept. 26, 2004 (MMPC)	1	DALE-PERKINS	0.163	0.160	32,013.79					25-Sep-94	OPERATIONAL	
		2	DALE-PERKINS	0.163	0.160	30,712.57					25-Sep-94	OPERATIONAL	
		Sub-total		0.326	0.320		0.115	0.065	0.119	0.205	0.195		(Sep 25, 2011)
51	64. LIMASAWA DPP, Leyte (8) 8 hrs since Dec 2004 (Soleco)	1	DALE-PERKINS	0.163	0.160	26,430.54					26-Jul-95	OPERATIONAL	
		2	DALE-PERKINS	0.163	0.160	14,078.19					24-Jul-02	OPERATIONAL	
		Sub-total		0.326	0.319		0.144	0.047	0.106	0.175	0.160		(Sep 25, 2011)
52	65. ZUMARRAGA DPP, W. Samar (24) Start of 24 hrs. 12 June 2005 (Samelco II)	1	DALE-PERKINS	0.163	0.160	37,546.43					14-Jun-94	OPERATIONAL	
		2	DALE-PERKINS	0.163	0.160	12,546.48					13-Sep-94	OPERATIONAL	
		3	DALE PERKINS	0.163	0.160	20,414.89					14-Jun-09	OPERATIONAL	
		4	PERKINS	0.100	0.098	587.46					01-Mar-09	OPERATIONAL	
Sub-total		0.589	0.577		0.260	0.050	0.117	0.317	0.312		(Sep 25, 2011)		
53	66. TAGAPUL-AN DPP, W. Samar (6) (Samelco I)	1	DALE-PERKINS	0.163	-	12,986.00					03-Aug-96	NOT OPERATIONAL	
		2	DALE-PERKINS	0.100	0.098	5,177.43					08-Feb-09	OPERATIONAL	
		Sub-total		0.263	0.098		0.070	0.025	0.055	0.028	0.080		(Sep 25, 2011)
54	67. ALMAGRO DPP, W. Samar (6) (Samelco I)	1	DALE-PERKINS	0.163	0.160	29,748.57					22-Aug-97	OPERATIONAL	
		2	VISA-PERKINS	(0.054)	-	547.29					21-Jul-00	Decommissioned Sept 2010	
		3	DALE-PERKINS	0.100	0.098	1,535.58					18-Sep-09	OPERATIONAL	
		Sub-total		0.263	0.258		0.065	0.045	0.054	0.193	0.090		(Sep 25, 2011)
55	68. STO. NIÑO DPP, W. Samar (6) (Samelco I)	1	DALE-PERKINS	0.163	0.160	20,349.39					28-Feb-97	OPERATIONAL	
		3	PERKINS(VIS)	0.100	0.098	855.28					12-Mar-09	OPERATIONAL	
		Sub-total		0.263	0.258		0.080	0.028	0.058	0.178	0.087		Under maint. due to def fuel inj pump since oct 2009 (Sep 25, 2011)
56	69. SAN ANTONIO DPP, N. Samar (18) (Norsamelco)	1	DALE-PERKINS	0.163	0.160	28,152.53					01-Nov-96	OPERATIONAL	
		2	DALE-PERKINS	0.250	0.230	27,519.21					01-Nov-96	OPERATIONAL	
		3	DALE-PERKINS	0.163	0.160	27,536.80					05-Jun-05	OPERATIONAL	
		Sub-total		0.576	0.549		0.229	0.600	0.138	0.320	0.275		(Sep 25, 2011)
57	70. CAPUL DPP, N. Samar (8) 8hrs since 2003 (Norsamelco)	1	DALE-PERKINS	0.163	0.160	20,433.61					01-Jul-96	OPERATIONAL	
		2	DALE-PERKINS	0.163		21,280.68					01-Jul-96	NOT OPERATIONAL	
		Sub-total		0.326	0.160		0.130	0.060	0.101	0.030	0.202		(Sep 25, 2011)
58	71. SAN VICENTE DPP, N. Samar w/ dummy load (6)/ (Norsamelco)	1	DALE-PERKINS	0.163	0.160	24,431.47					26-May-97	OPERATIONAL	
		2	DALE-PERKINS	0.100	0.098	2,928.60					12-Mar-09	OPERATIONAL	
		Sub-total		0.263	0.258		0.075	0.040	0.055	0.183	0.087		(Sep 25, 2011)
59	72. BIRI DPP, N. Samar (12) 12 hrs oper since 2007 (Norsamelco)	1	DALE-PERKINS	0.163	0.160	21,797.00					04-Dec-97	OPERATIONAL	
		2	DALE-PERKINS	0.163	0.160	24,514.00					06-Dec-97	OPERATIONAL	
		3	DALE-PERKINS	0.163	0.160	8,653.00					12-Aug-09	OPERATIONAL	
		Sub-total		0.489	0.479		0.225	0.100	0.154	0.254	0.240		(Sep 25, 2011)

Grid No.	ISLAND /PLANT/BARGE (Operating Hours)/ (Electric Coop.)	GENSETS PARTICULARS			ACCUM. RUNNING HOURS	SYSTEM DEMAND (MW)			NET RESERVE/ (DEFICIENCY)	MAXIMUM SYTEM DEMAND (2011)	COMM'SNG DATE	REMARKS (Date Reported)			
		UNIT NO.	MAKE	RATED		DEP.	MAX	MIN					AVE		
				CAP. (MW)		CAP. (MW)									
60	F. SPUG - MINDANAO - a. W. Mindanao, Basilan Island 73. BASILAN DPP (24) Rented Unit 7 - 9 (18) (Baselco) 74. POWER BARGE 119 (24) (Baselco) KUMALARANG MINI-HYDRO c/o COOP BALAGTASAN MINI-HYDRO c/o COOP Jolo Island, Sulu	Total-Grid		14.602	8.550		6.811	3.180	4.996	1.739	6.811	Landbased synchronized to PB119			
		1	CKD	1.224	0.600	15,860.30						07-Sep-97	OPERATIONAL		
		2	CKD	0.448	-	17,612.70						07-Sep-97	NOT OPERATIONAL	Defective injection pump since 05/05/2011	
		3	CUMMINS	0.545	0.500							03-Aug-11	OPERATIONAL		
		4	CUMMINS	0.545	0.500	35.80						03-Aug-11	OPERATIONAL		
		5	CUMMINS	0.545	0.500	123.81						03-Aug-11	OPERATIONAL		
		6	CUMMINS	0.545	-							03-Aug-11	NOT OPERATIONAL		
		7	CAT	1.000	0.800	4,092.00						03-Mar-09	OPERATIONAL		
		8	CAT	1.000	0.800	5,480.00						03-Mar-09	OPERATIONAL		
		9	CAT	0.600	0.400	2,136.00						03-Mar-09	OPERATIONAL		
		Sub-total		6.452	4.100		3.500	1.000	1.408	0.600	3.500			(Sep 25, 2011)	
		1	DAIHATSU	1.800	-	59,794.19						01-Mar-95	NOT OPERATIONAL	Under maintenance	
		2	DAIHATSU	1.800	1.250	86,782.10						01-Mar-95	OPERATIONAL		
3	DAIHATSU	1.800	1.250	88,865.11						01-Mar-95	OPERATIONAL				
4	DAIHATSU	1.800	1.250	86,718.45						01-Mar-95	OPERATIONAL				
Sub-total		7.200	3.750		3.550	2.300	3.681	0.200	3.770			(Sep 25, 2011)			
		0.680	0.480									OPERATIONAL			
		0.270	0.220									OPERATIONAL			
61	75. JOLO DPP (24) (Suleco) 2 Rented Genset renewal every 2 years	1	DAIHATSU	1.800	1.500	117,518.31						01-May-95	OPERATIONAL		
		2	DAIHATSU	1.800	1.500	114,780.07						01-Jul-95	OPERATIONAL		
		3	DAIHATSU	1.800	1.500	118,372.75						01-Sep-95	OPERATIONAL		
		4	DALE-PERKINS	0.540	0.410	2,295.53						27-Feb-10	OPERATIONAL	/ Auxiliary genset only	
		Sub-total		5.940	4.910										
		5	CAT (Rental)	1.500	1.200	2,566.00						22-Oct-08	OPERATIONAL		
		6	CAT (Rental)	1.000	0.800	7,208.00						22-Oct-08	OPERATIONAL		
		Sub-total		2.500	2.000										
		Total-Grid		8.440	6.910		6.851	3.800	4.955	0.059	6.851			(Sep 25, 2011)	
		62	76. LUUK DPP, Sulu (8) (Suleco)	1	CAT	0.175	0.170	31,174.00						14-Jun-06	OPERATIONAL
2	DALE-PERKINS			0.054	-	4,729.82						14-Jun-06	NOT OPERATIONAL		
Sub-total				0.229	0.170		0.160	0.130	0.158	0.010	0.160			(Sep 25, 2011)	
63	77. SIASI DPP, Sulu (20) (Siaselco)	1	DALE-PERKINS	0.560	-	45,443.32						19-Feb-97	NOT OPERATIONAL	Under PMS	
		2	DALE-PERKINS	0.260	0.230	56,844.55						01-Oct-91	OPERATIONAL		
		3	DALE-PERKINS	0.260	0.230	44,492.22						01-Oct-91	OPERATIONAL		
		4	DALE-PERKINS	0.560	0.450	47,058.67						08-May-02	OPERATIONAL		
		5	MAN	0.500	0.500	9,836.23						24-May-08	OPERATIONAL		
		6	MAN	0.500	0.500	9,682.78						25-May-08	OPERATIONAL		
		Sub-total		2.640	1.910		0.570	0.180	0.384	1.340	0.570			(Sep 25, 2011)	
64	Bongao Is., Tawi-Tawi 78. BONGAO DPP (24) (Tawelco) (8) 79. POWER BARGE 108 (24) (Tawelco)	Total-Grid		7.384	4.950		2.500	1.500	2.000	2.450	2.900				
		1	CKD	0.448	-	20,495.30							06-May-96	NOT OPERATIONAL	For Rehab
		2	CKD	0.448	-	23,782.52							16-Jul-96	NOT OPERATIONAL	
		3	PERKINS	0.544	0.450	1,896.76							06-Feb-09	OPERATIONAL	
		4	PERKINS	0.544	-	1,462.98							07-Feb-09	NOT OPERATIONAL	No oper since dec faulty electrical
		Sub-total		1.984	0.450		0.350	0.150	0.320	0.100	0.450			(Sep 25, 2011)	
		1	DAIHATSU	1.800	1.500	72,310.35							01-Mar-92	OPERATIONAL	
		2	DAIHATSU	1.800	1.500	31,741.56							01-Mar-92	OPERATIONAL	
		3	DAIHATSU	1.800	1.500	80,483.30							01-Mar-92	OPERATIONAL	
		Sub-total		5.400	4.500		2.000	0.400	1.150	2.500	2.620			(Sep 25, 2011)	
65	80. BALIMBING DPP, Tawi-Tawi (10) (Tawelco)	1	DALE-PERKINS	0.163	0.155	20,921.50						13-Jan-97	OPERATIONAL		
		2	DALE-PERKINS	0.163	0.155	18,843.50						01-Jul-98	OPERATIONAL		
		3	CUMMINS	0.150	-	0.00							NOT OPERATIONAL	Not yet commissioned	
		4	CUMMINS	0.250	0.250	1,723.00							07-Mar-10	OPERATIONAL	
		Sub-total		0.726	0.560		0.150	0.070	0.102	0.410	0.150			(Sep 25, 2011)	
66	81.TANDUBAS DPP, Tawi - Tawi (6) (Tawelco)	1	VISA-PERKINS	0.054	0.045	15,285.54						27-Sep-01	OPERATIONAL		
		2	VISA-PERKINS	0.054	-	11,987.69						19-Nov-03	NOT OPERATIONAL	Def fuel injection pump since dec 2010	
		3	CUMMINS	0.150	0.145	2,972.40						06-Aug-09	OPERATIONAL		
		Sub-total		0.258	0.190		0.114	0.057	0.085	0.076	0.114			(Sep 25, 2011)	
67	82. SIBUTU DPP, Tawi-Tawi (6) (Tawelco)	1	DALE-PERKINS	0.163	0.140	27,854.29						02-Nov-98	OPERATIONAL		
		2	DALE-PERKINS	0.163	0.140	16,695.84						12-Apr-03	OPERATIONAL		
		Sub-total		0.326	0.280		0.115	0.065	0.171	0.165	0.240			(Sep 25, 2011)	

Grid No.	ISLAND /PLANT/BARGE (Operating Hours)/ (Electric Coop.)	GENSETS PARTICULARS			ACCUM. RUNNING HOURS	SYSTEM DEMAND (MW)			NET RESERVE/ (DEFICIENCY)	MAXIMUM SYTEM DEMAND (2011)	COMM'SNG DATE	REMARKS (Date Reported)							
		UNIT NO.	MAKE	RATED		DEP.	MAX	MIN					AVE						
				CAP. (MW)		CAP. (MW)													
76	93. N. AQUINO DPP, S. Kudarat (12) Start of 12 hrs. operation Feb 2007 (Sukelco)	1	DALE-PERKINS	0.163	0.145	33,751.66				27-Mar-98	OPERATIONAL								
		2	DALE-PERKINS	0.260	0.170							35,985.41							
		3	DALE-PERKINS	0.260	0.170								28,639.75						
		Sub-total		0.683	0.485							0.340		0.070	0.204	0.145	0.340	11-May-11	OPERATIONAL
77	94. A. SANTOS DPP, Davao Del Sur 10 hrs operation starts 26 Feb 2006 (Dasureco)	1	DALE-PERKINS	0.163	0.150	20,641.58				05-Dec-91	OPERATIONAL								
		2	DALE-PERKINS	0.260	0.250							38,987.71							
		Sub-total		0.423	0.400								0.187	0.075	0.148	0.213	0.212	05-Dec-91	OPERATIONAL
		Sub-total		0.423	0.400							0.187	0.075	0.148	0.213	0.212	05-Dec-91	OPERATIONAL	(Sep 25, 2011)
78	95. BALUT DPP, Sarangani (8) (Dasureco)	1	DALE-PERKINS	0.163	0.160	20,537.35				27-Sep-97	OPERATIONAL								
		2	DALE-PERKINS	0.163	0.140							17,481.44							
		Sub-total		0.326	0.300								0.150	0.050	0.105	0.150	0.182	16-Jan-98	OPERATIONAL
		Sub-total		0.326	0.300							0.150	0.050	0.105	0.150	0.182	16-Jan-98	OPERATIONAL	(Sep 25, 2011)
79	96. TALICUD DPP, Davao Del Norte 10 hrs operation starts 08 Nov. 2005 (Daneco)	1	DALE-PERKINS	0.163	0.140	31,237.50				26-Aug-96	OPERATIONAL								
		2	DALE-PERKINS	0.163	0.150							8,060.61							
		Sub-total		0.326	0.290								0.200	0.078	0.130	0.090	0.202	26-Aug-96	OPERATIONAL
		Sub-total		0.326	0.290							0.200	0.078	0.130	0.090	0.202	26-Aug-96	OPERATIONAL	(Sep 25, 2011)

S U M M A R Y (NPC, IPP, NPP, RENTALS)

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SMALL ISLAND GRIDS	PLANTS		CAPACITY (MW)		SYSTEM DEMAND			NET RESERVE
	INSTALLED **	RATED	DEP.	MAX	MIN	AVE	(DEFICIENCY)	
TOTAL LUZON	223	206.669	159.519	105.076	49.188	76.176	54.443	
Land-Based	217	180.939	143.819					
Power Barge	6	25.730	15.700					
TOTAL VISAYAS	41	19.299	12.308	7.311	3.441	4.876	4.997	
Land-Based	39	15.559	10.508					
Power Barge	2	3.740	1.800					
TOTAL MINDANAO	26	50.477	33.291	23.673	11.633	17.308	9.618	
Land-Based	23	35.677	25.041					
Power Barge	3	14.800	8.250					
TOTAL PHILIPPINES	290	276.445	205.118	136.060	64.262	98.360	69.058	

Note:
PB 105 damaged by fire
PALANAN DPP- No oper since oct 15, 2010 due
to damaged distribution line

For Existing Areas
Areas/Grid Served - " 79 "
Incl. Isolated Areas - " 7 "

For All Areas
Areas/Grid Served - " 221 "
Incl. Isolated Areas - " 8 "

Legend:
S/D - Shutdown Date EDC - Estimated Date of Completion ETA - Estimated Time of Arrival
IPP - Independent Power DPP - Diesel Power Plant ETD - Estimated Time of Departure
Producer * - Excluding rented gensets ** - Excluding IPPs
PB - Power Barge

Bantayan, Palanan and Masbate DPP were on stand by for the month of September 2011 while there are no operation on Balawing, Sawmill MG1, Mahayahay, Bara MG3, Buri, Concepcion in Aroroy DPP's under PRES mini-gridas well as PB 111 due to damaged transformer for the month of September 2011

S U M M A R Y (NPC, IPP, NPP, RENTALS)

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SMALL ISLAND GRIDS	PLANTS		CAPACITY (MW)		SYSTEM DEMAND			NET RESERVE
	INSTALLED **	RATED	DEP.	MAX	MIN	AVE	(DEFICIENCY)	
14 PSP	32	215.618	160.715	110.868	53.873	81.547	49.847	
Land-Based	22	173.548	134.965					
Power Barge	10	42.070	25.750					
OTHER LUZON	30	29.451	21.867	13.205	5.028	8.254	8.662	
Land-Based	30	29.451	21.867					
OTHER VISAYAS	15	5.765	5.156	2.176	1.276	1.440	2.980	
Land-Based	15	5.765	5.156					
OTHER MINDANAO	19	19.396	12.386	7.336	3.064	5.224	5.050	
Land-Based	18	17.196	12.386					
Power Barge	1	2.200	-					
MINI-GRID & TRANSFERRED	40	4.643	3.422	1.744	0.692	1.298	1.678	
Land-Based	40	4.643	3.422					
PRES MINI-GRID	154	1.572	1.572	0.732	0.329	0.597	0.840	
Land-Based	154	1.572	1.572					
Power Barge								
TOTAL PHILIPPINES	290	276.445	205.118	136.060	64.262	98.360	69.058	

Note:
PB 105 damaged by fire
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Legend:
S/D - Shutdown Date EDC - Estimated Date of Completion ETA - Estimated Time of Arrival
IPP - Independent Power DPP - Diesel Power Plant ETD - Estimated Time of Departure
Producer * - Excluding rented gensets ** - Excluding IPPs
PB - Power Barge