



ETECSA
Empresa de Transmisión Eléctrica, S.A.

Dirección de Transmisión

Gerencia de Planeamiento

Informe de Contrataciones 2013-2033

Febrero 2013

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1. Información de los Contratos

Según información entregada por las Empresas Distribuidoras estos son los contratos vigentes

1.1. Contratos Vigentes de EDEMET

Cuadro 1, Contratos de Potencia con Energía Asociada de Edemet

No.	EMPRESA	FECHA DE SUMINISTRO		DMG para Calcular Energía Asociada	Precios		
		INICIO	FINAL		Potencia	Energía (\$/MWh)	
					(\$/kW-mes)	FJO	COMB
02-99	AES Panamá	20/nov/03	22/nov/13	DMG Anual	7.95	0.04000	N/A
12-05	AES Panamá	01/ene/09	31/dic/18	DMG Anual	18.00	0.03410	N/A
15-06	AES Panamá	01/ene/11	31/dic/20	DMG Anual sin RC	1.00	0.07870	N/A
07-07	Térmica del Caribe (Trasp)	01/mar/09	30/jun/14	DMG Mensual sin RC	22.50	0.02960	0.05706
08-07	Generadora del Atlántico	01/jun/09	30/jun/14	DMG Mensual sin RC	12.00	0.01944	0.14180
08-07	Generadora del Atlántico (Trasp)	01/jun/09	30/jun/14	DMG Mensual sin RC	12.00	0.01944	0.05706
09-07	Inv. y Des. Balboa	01/ago/08	30/jun/14	DMG Mensual sin RC	31.00	0.01350	0.14180
09-07	Inv. y Des. Balboa (Trasp)	01/ago/08	30/jun/14	DMG Mensual sin RC	31.00	0.01350	0.05706
11-07	ESEPSA	01/jul/09	30/jun/14	DMG Mensual sin RC	12.00	0.06290	N/A
04-08	AES Panamá	01/ene/12	31/dic/21	DMG Mensual sin RC	10.00	0.07290	N/A
05-08	Hydro Caisán	01/jul/13	31/dic/23	DMG Mensual sin RC	31.62	0.03060	N/A
06-08	Enel Fortuna	01/ene/13	31/dic/22	DMG Mensual sin RC	12.00	0.07500	N/A
07-08	Electron Investment	01/ene/13	31/dic/22	DMG Mensual sin RC	15.00	0.06950	N/A
08-08	AES Panamá	01/ene/13	31/dic/22	DMG Mensual sin RC	10.00	0.07980	N/A
09-08	Alterneg	01/ene/14	31/dic/23	DMG Mensual sin RC	28.00	0.07110	N/A
10-08	Bontex	01/ene/13	31/dic/22	DMG Mensual sin RC	28.00	0.07110	N/A
12-11	Pedregalito	01/ene/12	31/dic/14	DMG Mensual sin RC	30.00	0.05420	N/A
13-11	Río Chico	01/ene/12	31/dic/14	DMG Mensual sin RC	30.00	0.05420	N/A
14-11	Generadora Alto Valle	01/ene/12	30/jun/15	DMG Mensual sin RC	30.00	0.05420	N/A
15-11	Electrogeneradora del Istmo	01/ene/12	31/dic/14	DMG Mensual sin RC	25.00	0.07330	N/A
16-11	Caldera Energy	01/ene/12	31/dic/14	DMG Mensual sin RC	25.00	0.07330	N/A
17-11	Hidro Piedra	01/ene/12	31/dic/14	DMG Mensual sin RC	12.78	0.10650	N/A
24-11	Mifta Power	01/ene/15	31/dic/29	DMG Mensual sin RC	10.25	0.07970	N/A
25-11	Enel Fortuna	01/ene/15	31/dic/29	DMG Mensual sin RC	8.27	0.10850	N/A
26-11	Electrogeneradora del Istmo	01/ene/15	31/dic/29	DMG Mensual sin RC	25.00	0.06330	N/A
27-11	ESEPSA	01/ene/15	31/dic/29	DMG Mensual sin RC	12.00	0.09100	N/A
28-11	Pedregalito	01/ene/15	31/dic/29	DMG Mensual sin RC	30.00	0.05420	N/A
29-11	Río Chico	01/ene/15	31/dic/29	DMG Mensual sin RC	30.00	0.05420	N/A
30-11	Generadora Alto Valle	01/jun/15	30/jun/30	DMG Mensual sin RC	30.00	0.05420	N/A
31-11	Hidroecológica del Teribe	01/ene/15	31/dic/29	DMG Mensual sin RC	8.50	0.10940	N/A
32-11	Desarrollos Hidroeléctrico	01/ene/15	31/dic/29	DMG Mensual sin RC	10.35	0.09650	N/A
33-11	Consorcio Hidroeléctrico Tabasará	01/ene/15	31/dic/29	DMG Mensual sin RC	9.00	0.10080	N/A
34-11	Hidroeléctrica San Lorenzo	01/ene/15	31/dic/29	DMG Mensual sin RC	15.00	0.08950	N/A
35-11	Caldera Energy	01/ene/15	31/dic/29	DMG Mensual sin RC	25.00	0.06330	N/A
65-12	Hidro Piedra	01/ene/13	31/dic/15	DMG Mensual sin RC	8.20	0.10300	N/A
117-12	AES Panamá	01/ene/16	31/dic/30	DMG Mensual sin RC	10.00	0.09510	N/A
118-12	Hidro Piedra	01/ene/16	31/dic/30	DMG Mensual sin RC	9.56	0.10000	N/A
119-12	Corporación de Energía del Istmo	01/ene/16	31/dic/30	DMG Mensual sin RC	8.90	0.10000	N/A
121-12	Salto de Francolí	01/ene/16	31/dic/30	DMG Mensual sin RC	13.53	0.10350	N/A
127-12	Autoridad del Canal de Panamá	01/ene/13	31/dic/16	DMG Mensual sin RC	11.50	0.01460	0.13140
138-12	Pedregal Power Corp.	01/ene/13	31/dic/16	DMG Mensual sin RC	0.00	0.04937	0.13483

Cuadro 2, Contratos de Sólo Potencia de Edemet

No.	EMPRESA	FECHA DE SUMINISTRO		Precio Potencia (US\$/kW-mes)		
		INICIO	FINAL	FJO	IPF	PCT
17-10	ESEPSA	01/ene/11	31/dic/14	10.50	N/A	N/A
19-10	Enel Fortuna	01/ene/11	31/dic/14	9.27	N/A	N/A
21-10	Generadora del Atlántico	01/ene/11	31/dic/14	10.37	N/A	N/A
23-10	ACP	01/ene/11	31/dic/14	7.50	N/A	N/A
74-11	Hidroibérica	01/ene/12	31/dic/14	8.96	0.50	N/A
75-11	Enel Fortuna	01/ene/12	31/dic/14	9.14	N/A	3.00
76-11	Hidro Boquerón	01/ene/12	31/dic/14	9.20	0.50	N/A
77-11	Pedregal Power	01/ene/12	31/dic/14	10.00	0.50	N/A
78-11	EGESA	01/ene/12	31/dic/14	10.28	0.50	N/A
79-11	ACP	01/ene/12	31/dic/14	10.49	0.50	N/A
67-12	Hidro Panamá, S.A.	01/ene/13	31/dic/15	8.75	N/A	N/A
68-12	Hidroecológica del Teribe	01/ene/13	31/dic/15	9.50	N/A	N/A
69-12	Ideal Panamá	01/ene/13	31/dic/15	10.00	N/A	N/A
70-12	Istmus Hydro Power	01/ene/13	31/dic/15	10.00	0.50	N/A
71-12	Las Perlas Norte, S.A.	01/ene/13	31/dic/15	10.00	0.50	N/A
72-12	Las Perlas Sur, S.A.	01/ene/13	31/dic/15	10.00	0.50	N/A
73-12	Café de Eleta	01/ene/13	31/dic/15	10.00	N/A	N/A
74-12	Enel Fortuna	01/ene/13	31/dic/15	*6.24	N/A	3.00
75-12	Generadora del Atlántico	01/ene/13	31/dic/15	9.50	N/A	0.19
76-12	Autoridad del Canal de Panamá	01/ene/13	31/dic/15	*10.97	N/A	N/A
129-12	Generadora del Atlántico	01/ene/13	31/dic/16	*8.68	N/A	N/A
130-12	Bahía las Minas Corp.	01/ene/13	31/dic/16	*9.49	N/A	N/A
131-12	Autoridad del Canal de Panamá	01/ene/13	31/dic/16	*10.49	N/A	N/A
132-12	Inversiones y Desarrollo Balboa	01/ene/13	31/dic/16	*11.01	N/A	N/A

* Precio Promedio de Potencia.

Cuadro 3, Contratos de Sólo Energía de Edemet

No.	EMPRESA	FECHA DE SUMINISTRO		Precio Energía (\$/MWh)	
		INICIO	FINAL	FJO	COMB
86-11	Paso Ancho	01/nov/18	30/jun/24	0.09990	N/A
87-11	Hidroecológica del Teribe	01/ago/14	30/jun/24	0.13000	N/A
87-12	Hydro Caisán	01/jul/12	31/dic/15	0.10950	N/A
88-12	Caldera Energy Corp.	01/jul/12	31/dic/15	0.11500	N/A
89-12	Electrogeneradora del Istmo	01/jul/12	31/dic/15	0.11500	N/A
90-12	Generadora Pedregalito	01/jul/12	31/dic/15	0.11450	N/A
91-12	Generadora Río Chico	01/jul/12	31/dic/15	0.11450	N/A
92-12	Hidroibérica	01/jul/12	31/dic/15	0.11510	N/A
93-12	Generadora Alto Valle	01/jul/12	31/dic/15	0.11950	N/A
94-12	Energía y Servicios de Panamá, S.A.	01/jul/12	31/dic/15	0.12000	N/A
95-12	Hidro Panamá, S.A.	01/jul/12	31/dic/15	0.13500	N/A
96-12	Las Perlas Norte, S.A.	01/jul/12	31/dic/15	0.13490	N/A
97-12	Las Perlas Sur, S.A.	01/jul/12	31/dic/15	0.13490	N/A
98-12	Generadora del Istmo, S.A.	01/jul/12	31/dic/15	0.13670	N/A
99-12	Istmus Hydro Power	01/jul/12	31/dic/15	0.13990	N/A
100-12	Fountain Intertrade Corp.	01/jul/12	31/dic/15	0.13990	N/A

Cuadro 4, Contratos de Energía Eólica de Edemet

No.	EMPRESA	FECHA DE SUMINISTRO		Precio Energía (\$/MWh)	
		INICIO	FINAL	FJO	COMB
15-12	Unión Eólica de Panamá (PE Nuevo Chagres)	01/ene/14	31/dic/28	0.09500	25%
16-12	Unión Eólica de Panamá (PE Rosa de los Vientos)	01/ene/14	31/dic/28	0.09800	25%
17-12	Unión Eólica de Panamá (PE Portobelo Ballestillas)	01/ene/14	31/dic/28	0.10800	25%
18-12	Unión Eólica de Panamá (PE Marañon)	01/ene/14	31/dic/28	0.11000	25%

Cuadro 5, Contratos de Energía Excedente de Edemet

No.	EMPRESA	FECHA DE SUMINISTRO		Precio Energía (\$/MWh)	
		INICIO	FINAL	FJO	COMB
23-12	Autoridad del Canal de Panamá	01/jul/12	31/jul/15	0.11000	N/A
24-12	AES Panamá	01/jul/12	31/jul/15	0.11500	N/A
25-12	Energía y Servicios de Panamá, S.A.	01/jul/12	31/jul/15	0.11980	N/A
26-12	Enel Fortuna	01/jul/12	31/jul/15	0.11990	N/A
27-12	FERSA Panamá, S.A.	01/jul/12	31/jul/15	0.11000	N/A
28-12	Caldera Energy Corp.	01/jul/12	31/jul/15	0.12750	N/A
29-12	Electrogeneradora del Istmo	01/jul/12	31/jul/15	0.12750	N/A
30-12	Paso Ancho Hydro Power	01/jul/12	31/jul/15	0.12900	N/A
31-12	Café de Eleta	01/jul/12	31/jul/15	0.13250	N/A
32-12	Generadora del Istmo, S.A.	01/jul/12	31/jul/15	0.13460	N/A
33-12	Bontex, S.A.	01/jul/12	31/jul/15	0.14500	N/A
34-12	Alternegy, S.A.	01/jul/12	31/jul/15	0.14500	N/A
35-12	Hidro Panamá, S.A.	01/jul/12	31/jul/15	0.16500	N/A
36-12	Electron Investment, S.A.	01/jul/12	31/jul/15	0.14850	N/A
37-12	Istmus Hydro Power	01/jul/12	31/jul/15	0.14490	N/A
38-12	Las Perlas Norte, S.A.	01/jul/12	31/jul/15	0.14490	N/A
39-12	Las Perlas Sur, S.A.	01/jul/12	31/jul/15	0.14490	N/A
40-12	Generadora Río Chico	01/jul/12	31/jul/15	0.14500	N/A
41-12	Generadora Alto Valle	01/jul/12	31/jul/15	0.14500	N/A
42-12	Generadora Pedregalito	01/jul/12	31/jul/15	0.14500	N/A
43-12	Hydro Caisán	01/jul/12	31/jul/15	0.14500	N/A

Cuadro 6, Potencia Firme Contratada de Edemet (MW)

No.	EMPRESA	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
02-09	AES Panamá	62.78																	
12-05	AES Panamá	113.0	196.0	196.0	196.0	196.0	196.0												
15-06	AES Panamá	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00										
07-07	Térmica del Caribe (Trasp)	4.28	4.28																
08-07	Generadora del Atlántico	18.00	18.00	36.00															
08-07	Generadora del Atlántico (Trasp)	27.00	27.00	9.00															
09-07	Inv. y Des. Balboa	32.02	41.52																
09-07	Inv. y Des. Balboa (Trasp)	30.24	20.74																
11-07	ESEPSA	1.44	1.44																
04-08	AES Panamá	77.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00									
05-08	Hydro Caisán	17.05	17.05	17.05	17.05	17.05	17.05	17.05	17.05	17.05	17.05								
06-08	Enel Fortuna	26.95	26.95	26.95	26.95	26.95	26.95	26.95	26.95	26.95	26.95								
07-08	Electron Investment	34.65	34.65	34.65	34.65	34.65	34.65	34.65	34.65	34.65	34.65								
08-08	AES Panamá	31.57	31.57	31.57	31.57	31.57	31.57	31.57	31.57	31.57	31.57								
09-08	Alternegy	61.60	61.60	61.60	61.60	61.60	61.60	61.60	61.60	61.60	61.60								
10-08	Bontex	15.40	15.40	15.40	15.40	15.40	15.40	15.40	15.40	15.40	15.40								
12-11	Pedregalito	2.63	3.94																
13-11	Río Chico	1.61	2.42																
14-11	Generadora Alto Valle	1.84	1.92	2.30															
15-11	Electrogeneradora del Istmo	0.78	1.17																
16-11	Caldera Energy	1.96	2.94																
17-11	Hidro Piedra	0.89	1.34																
24-11	Mifta Power			6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	
25-11	Enel Fortuna			19.68	19.68	19.68	19.68	19.68	19.68	19.68	19.68	19.68	19.68	19.68	19.68	19.68	19.68	19.68	
26-11	Electrogeneradora del Istmo			0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
27-11	ESEPSA			3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65
28-11	Pedregalito			2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63
29-11	Río Chico			1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61
30-11	Generadora Alto Valle			1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53
31-11	Hidroecológica del Teribe			6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67
32-11	Desarrollos Hidroeléctrico			1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27	1.27
33-11	Consorcio Hidroeléctrico Tabasará			7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93
34-11	Hidroeléctrica San Lorenzo			0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
35-11	Caldera Energy			2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
65-12	Hidro Piedra			1.14															
117-12	AES Panamá							95.4	95.4	125.4	185.4	210.0	210.0	210.0	210.0	210.0	210.0	210.0	210.0
118-12	Hidro Piedra				1.20	1.20	1.20	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
119-12	Corporación de Energía del Istmo				5.90	5.90	5.90	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29	5.29
121-12	Salto de Francolí							0.17	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
127-12*	Autoridad del Canal de Panamá		19.93	18.79	32.86														
138-12*	Pedregal Power Corp.	24.34	19.93	25.73	26.29														
17-10*	ESEPSA		13.75	3.73															
19-10*	Enel Fortuna		11.08	3.00															
21-10*	Generadora del Atlántico		4.62	1.25															
23-10*	ACP		33.23	9.00															
74-11*	Hidroibérica		1.12	1.33															
75-11*	Enel Fortuna		60.30	80.10															
76-11*	Hidro Boquerón		0.67	0.79															
77-11*	Pedregal Power		10.54	14.96															
78-11*	EGESA																		
79-11*	ACP		12.40	27.28															
67-12*	Hidro Panamá, S.A.		0.46	0.57															
68-12*	Hidroecológica del Teribe			3.04															
69-12*	Ideal Panamá		9.50	16.15	12.76														
70-12*	Istmus Hydro Power		1.56	1.92	1.51														
71-12*	Las Perlas Norte, S.A.		1.54	1.89	1.50														
72-12*	Las Perlas Sur, S.A.		1.54	1.89	1.50														
73-12*	Café de Eleta		0.04	0.04	0.04														
74-12*	Enel Fortuna		13.09	2.49	44.61														
75-12*	Generadora del Atlántico		22.38	44.47	79.01														
76-12*	Autoridad del Canal de Panamá		0.63	33.06															
129-12*	Generadora del Atlántico		55.00	35.00	15.02	81.9													
130-12*	Bahía las Minas Corp.		37.53	49.00	48.30	44.1													
131-12*	Autoridad del Canal de Panamá		1.32	2.52	21.60	19.6													
132-12*	Inversiones y Desarrollo Balboa		37.80	41.40	25.761														
		894.30	976.95	926.89	768.19	537.68	537.68	436.51	436.89	451.89	434.89	272.27	272.27	272.27	272.27	272.27	272.27	272.27	218.44

* Potencia Máxima Contratada.

1.2. Contratos Vigentes de EDECHI

Cuadro 7, Contratos de Potencia con Energía Asociada de Edechi

No.	EMPRESA	FECHA DE SUMINISTRO		DMG para Calcular Energía Asociada	Precios		
		INICIO	FINAL		Potencia	Energía (\$/MWh)	
					(\$/kW-mes)	FJO	COMB
13-05	AES	01/ene/09	31/dic/18	DMG Anual	18.00	0.03410	N/A
18-06	Salto de Francolí	01/sep/09	31/jul/19	DMG Anual	16.00	0.04500	N/A
19-06	AES	01/ene/11	31/dic/20	DMG Anual	1.00	0.07870	N/A
18-11	Pedregalito	01/ene/12	31/dic/14	DMG Mensual sin RC	30.00	0.05420	N/A
19-11	Río Chico	01/ene/12	31/dic/14	DMG Mensual sin RC	30.00	0.05420	N/A
20-11	Alto Valle	01/ene/12	30/jun/15	DMG Mensual sin RC	30.00	0.05420	N/A
21-11	Electrogeneradora del Istmo	01/ene/12	31/dic/14	DMG Mensual sin RC	25.00	0.07330	N/A
22-11	Caldera Energy	01/ene/12	31/dic/14	DMG Mensual sin RC	25.00	0.07330	N/A
23-11	Hidro Piedra	01/ene/12	31/dic/14	DMG Mensual sin RC	12.78	0.10650	N/A
36-11	Mifta Power	01/ene/15	31/dic/29	DMG Mensual sin RC	10.25	0.07970	N/A
37-11	Enel Fortuna	01/ene/15	31/dic/29	DMG Mensual sin RC	8.27	0.10850	N/A
38-11	Electrogeneradora del Istmo	01/ene/15	31/dic/29	DMG Mensual sin RC	25.00	0.06330	N/A
39-11	ESEPSA	01/ene/15	31/dic/29	DMG Mensual sin RC	12.00	0.09100	N/A
40-11	Pedregalito	01/ene/15	31/dic/29	DMG Mensual sin RC	30.00	0.05420	N/A
41-11	Río Chico	01/ene/15	31/dic/29	DMG Mensual sin RC	30.00	0.05420	N/A
42-11	Alto Valle	01/ene/15	31/dic/29	DMG Mensual sin RC	30.00	0.05420	N/A
43-11	Hidroecológica del Teribe	01/ene/15	31/dic/29	DMG Mensual sin RC	8.50	0.10940	N/A
44-11	Desarrollos Hidroeléctrico	01/ene/15	31/dic/29	DMG Mensual sin RC	10.35	0.09650	N/A
45-11	Consorcio Hidroeléctrico Tabasará	01/ene/15	31/dic/29	DMG Mensual sin RC	9.00	0.10080	N/A
46-11	Hidroeléctrica San Lorenzo	01/ene/15	31/dic/29	DMG Mensual sin RC	15.00	0.08950	N/A
47-11	Caldera Energy	01/ene/15	31/dic/29	DMG Mensual sin RC	25.00	0.06330	N/A
66-12	Hidro Piedra	01/ene/13	31/dic/15	DMG Mensual sin RC	8.20	0.10300	N/A
122-12	AES Panamá	01/ene/16	31/dic/30	DMG Mensual sin RC	10.00	0.09510	N/A
123-12	Hidro Piedra	01/ene/16	31/dic/30	DMG Mensual sin RC	9.56	0.10000	N/A
124-12	Corporación de Energía del Istmo	01/ene/16	31/dic/30	DMG Mensual sin RC	8.90	0.10000	N/A
126-12	Salto de Francolí	01/ene/16	31/dic/30	DMG Mensual sin RC	13.53	0.10350	N/A
128-12	Autoridad del Canal de Panamá	01/ene/13	31/dic/16	DMG Mensual sin RC	11.50	0.01460	0.13140
139-12	Pedregal Power Corp.	01/ene/13	31/dic/16	DMG Mensual sin RC	0.00	0.04937	0.13483

Cuadro 8, Contratos de Sólo Potencia de Edechi

No.	EMPRESA	FECHA DE SUMINISTRO		Precio Potencia (US\$/kW-mes)		
		INICIO	FINAL	FJO	IPF	PCT
18-10	ESEPSA	01/ene/14	31/dic/14	10.50	N/A	N/A
20-10	Enel Fortuna	01/ene/14	31/dic/14	9.27	N/A	N/A
22-10	Generadora del Atlántico	01/ene/14	31/dic/14	10.37	N/A	N/A
24-10	ACP	01/ene/14	31/dic/14	7.50	N/A	N/A
80-11	Hidroibérica	01/ene/12	31/dic/14	8.96	0.50	N/A
81-11	Enel Fortuna	01/ene/12	31/dic/14	9.14	N/A	3.00
82-11	Hidro Boquerón	01/ene/12	31/dic/14	9.20	0.50	N/A
83-11	Pedregal Power	01/ene/12	31/dic/14	10.00	0.50	N/A
84-11	EGESA	01/ene/12	31/dic/14	10.28	0.50	N/A
85-11	ACP	01/ene/12	31/dic/14	10.49	0.50	N/A
08-12	Istmus Hidro Power	01/ene/12	31/dic/12	8.00	N/A	N/A
09-12	Hidro Panamá	01/ene/12	31/dic/12	8.25	N/A	N/A
10-12	Pedregal Power (Oferta 6)	01/ene/12	31/dic/12	8.68	N/A	N/A
11-12	Pedregal Power (Oferta 5)	01/ene/12	31/dic/12	9.45	N/A	N/A
12-12	Café de Eleta	01/ene/12	31/dic/12	11.00	N/A	N/A
13-12	Bahía las Minas	01/ene/12	31/dic/12	11.60	N/A	0.19
14-12	Generadora del Atlántico	01/ene/12	31/dic/12	11.90	N/A	0.19
77-12	Hidro Panamá, S.A.	01/ene/13	31/dic/15	8.75	N/A	N/A
78-12	Hidroecológica del Teribe	01/ene/13	31/dic/15	9.50	N/A	N/A
79-12	Ideal Panamá	01/ene/13	31/dic/15	10.00	N/A	N/A
80-12	Istmus Hydro Power	01/ene/13	31/dic/15	10.00	0.50	N/A
81-12	Las Perlas Norte, S.A.	01/ene/13	31/dic/15	10.00	0.50	N/A
82-12	Las Perlas Sur, S.A.	01/ene/13	31/dic/15	10.00	0.50	N/A
83-12	Café de Eleta	01/ene/13	31/dic/15	10.00	N/A	N/A
84-12	Enel Fortuna	01/ene/13	31/dic/15	*6.24	N/A	3.00
85-12	Generadora del Atlántico	01/ene/13	31/dic/15	9.50	N/A	0.19
86-12	Autoridad del Canal de Panamá	01/ene/13	31/dic/15	*10.97	N/A	N/A
116-12	Ideal Panamá	16/jun/12	31/dic/12	9.99	N/A	N/A
133-12	Generadora del Atlántico	01/ene/13	31/dic/16	*8.68	N/A	N/A
134-12	Bahía las Minas Corp.	01/ene/13	31/dic/16	*9.49	N/A	N/A
135-12	Autoridad del Canal de Panamá	01/ene/13	31/dic/16	*10.49	N/A	N/A
136-12	Inversiones y Desarrollo Balboa	01/ene/13	31/dic/16	*11.01	N/A	N/A

* Precio Promedio de Potencia.

Cuadro 9, Contratos de Sólo Energía de Edechi

No.	EMPRESA	FECHA DE SUMINISTRO		DMG para Calcular Energía Asociada	Precio Energía (\$/MWh)	
		INICIO	FINAL		FJO	COMB
88-11	Paso Ancho	01/nov/18	30/jun/24	DMG Mensual sin RC	0.09990	N/A
89-11	Hidroecológica del Teribe	01/ago/14	30/jun/24	DMG Mensual sin RC	0.13000	N/A
101-12	Hydro Caisán	01/jul/12	31/dic/15	DMG Mensual sin RC	0.10950	N/A
102-12	Caldera Energy Corp.	01/jul/12	31/dic/15	DMG Mensual sin RC	0.11500	N/A
103-12	Electrogeneradora del Istmo	01/jul/12	31/dic/15	DMG Mensual sin RC	0.11500	N/A
104-12	Generadora Pedregalito	01/jul/12	31/dic/15	DMG Mensual sin RC	0.11450	N/A
105-12	Generadora Río Chico	01/jul/12	31/dic/15	DMG Mensual sin RC	0.11450	N/A
106-12	Hidroibérica	01/jul/12	31/dic/15	DMG Mensual sin RC	0.11510	N/A
107-12	Generadora Alto Valle	01/jul/12	31/dic/15	DMG Mensual sin RC	0.11950	N/A
108-12	Energía y Servicios de Panamá, S.A.	01/jul/12	31/dic/15	DMG Mensual sin RC	0.12000	N/A
109-12	Hidro Panamá, S.A.	01/jul/12	31/dic/15	DMG Mensual sin RC	0.13500	N/A
110-12	Las Perlas Norte, S.A.	01/jul/12	31/dic/15	DMG Mensual sin RC	0.13490	N/A
111-12	Las Perlas Sur, S.A.	01/jul/12	31/dic/15	DMG Mensual sin RC	0.13490	N/A
112-12	Generadora del Istmo, S.A.	01/jul/12	31/dic/15	DMG Mensual sin RC	0.13670	N/A
113-12	Istmus Hydro Power	01/jul/12	31/dic/15	DMG Mensual sin RC	0.13990	N/A
114-12	Fountain Intertrade Corp.	01/jul/12	31/dic/15	DMG Mensual sin RC	0.13990	N/A

Cuadro 10, Contratos de Energía Eólica de Edechi

No.	EMPRESA	FECHA DE SUMINISTRO		Precio Energía (\$/MWh)	
		INICIO	FINAL	FJO	COMB
19-12	Unión Eólica de Panamá (PE Nuevo Chagres)	01/ene/14	31/dic/28	0.09500	25%
20-12	Unión Eólica de Panamá (PE Rosa de los Vientos)	01/ene/14	31/dic/28	0.09800	25%
21-12	Unión Eólica de Panamá (PE Portobelo Ballestillas)	01/ene/14	31/dic/28	0.10800	25%
22-12	Unión Eólica de Panamá (PE Marañón)	01/ene/14	31/dic/28	0.11000	25%

Cuadro 11, Contratos de Energía Excedente de Edechi

No.	EMPRESA	FECHA DE SUMINISTRO		Precio Energía (\$/MWh)	
		INICIO	FINAL	FJO	COMB
44-12	Autoridad del Canal de Panamá	01/jul/12	31/jul/15	0.11000	N/A
45-12	AES Panamá	01/jul/12	31/jul/15	0.11500	N/A
46-12	Energía y Servicios de Panamá, S.A.	01/jul/12	31/jul/15	0.11980	N/A
47-12	Enel Fortuna	01/jul/12	31/jul/15	0.11990	N/A
48-12	FERSA Panamá, S.A.	01/jul/12	31/jul/15	0.11000	N/A
49-12	Caldera Energy Corp.	01/jul/12	31/jul/15	0.12750	N/A
50-12	Electrogeneradora del Istmo	01/jul/12	31/jul/15	0.12750	N/A
51-12	Paso Ancho Hydro Power	01/jul/12	31/jul/15	0.12900	N/A
52-12	Café de Eleta	01/jul/12	31/jul/15	0.13250	N/A
53-12	Generadora del Istmo, S.A.	01/jul/12	31/jul/15	0.13460	N/A
54-12	Bontex, S.A.	01/jul/12	31/jul/15	0.14500	N/A
55-12	Alternegy, S.A.	01/jul/12	31/jul/15	0.14500	N/A
56-12	Hidro Panamá, S.A.	01/jul/12	31/jul/15	0.16500	N/A
57-12	Electron Investment, S.A.	01/jul/12	31/jul/15	0.14850	N/A
58-12	Istmus Hydro Power	01/jul/12	31/jul/15	0.14490	N/A
59-12	Las Perlas Norte, S.A.	01/jul/12	31/jul/15	0.14490	N/A
60-12	Las Perlas Sur, S.A.	01/jul/12	31/jul/15	0.14490	N/A
61-12	Generadora Río Chico	01/jul/12	31/jul/15	0.14500	N/A
62-12	Generadora Alto Valle	01/jul/12	31/jul/15	0.14500	N/A
63-12	Generadora Pedregalito	01/jul/12	31/jul/15	0.14500	N/A
64-12	Hydro Caisán	01/jul/12	31/jul/15	0.14500	N/A

Cuadro 12, Potencia Firme Contratada de Edechi (MW)

No.	EMPRESA	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
13-05	AES	17.00	29.00	29.00	29.00	29.00	29.00												
18-06	Salto de Francolí	0.71	0.71	0.71	0.71	0.71	0.71	0.71											
19-06	AES	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00										
18-11	Pedregalito	2.30	0.98																
19-11	Río Chico	1.41	0.60																
20-11	Alto Valle	1.34	0.57																
21-11	Electrogeneradora del Istmo	0.68	0.29																
22-11	Caldera Energy	1.72	0.74																
23-11	Hidro Piedra	0.89	0.33																
36-11	Mifra Power			0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
37-11	Enel Fortuna			1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97
38-11	Electrogeneradora del Istmo			0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
39-11	ESEPSA			0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
40-11	Pedregalito			0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
41-11	Río Chico			0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16
42-11	Alto Valle			0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
43-11	Hidroecológica del Teribe			0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
44-11	Desarrollos Hidroeléctrico			0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
45-11	Consorcio Hidroeléctrico Tabasará			0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79
46-11	Hidroeléctrica San Lorenzo			0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
47-11	Caldera Energy			0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
66-12	Hidro Piedra			0.21															
122-12	AES Panamá							11.13	11.13	14.63	21.63	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50
123-12	Hidro Piedra				0.09	0.09	0.09	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
124-12	Corporación de Energía del Istmo				0.44	0.44	0.44	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
126-12	Salto de Francolí							0.02	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
128-12*	Autoridad del Canal de Panamá	0.00	7.88	7.30	6.44														
139-12*	Pedregal Power Corp.	12.52	7.88	15.66	5.15														
18-10*	ESEPSA		1.86																
20-10*	Enel Fortuna		1.50																
22-10*	Generadora del Atlántico		0.63																
24-10*	ACP		4.50																
80-11*	Hidroibérica	0.12	0.07																
81-11*	Enel Fortuna	9.09	4.80																
82-11*	Hidro Boquerón	0.09	0.05																
83-11*	Pedregal Power	1.70	1.02																
84-11*	EGESA																		
85-11*	ACP	1.47	1.24																
77-12*	Hidro Panamá, S.A.	0.74	0.49																
78-12*	Hidroecológica del Teribe			0.59															
79-12*	Ideal Panamá	19.00	10.00	2.47															
80-12*	Istmus Hydro Power	2.49	1.66	0.29															
81-12*	Las Perlas Norte, S.A.	2.46	1.64	0.29															
82-12*	Las Perlas Sur, S.A.	2.46	1.64	0.29															
83-12*	Café de Eleta	0.06	0.04	0.01															
84-12*	Enel Fortuna	6.70	1.66	8.64															
85-12*	Generadora del Atlántico	17.06	12.91	12.51															
86-12*	Autoridad del Canal de Panamá	1.00		6.12															
116-12*	Ideal Panamá																		
133-12*	Generadora del Atlántico	12.18	10.00	3.89	14.30														
134-12*	Bahía las Minas Corp.	6.41	14.70	10.50	7.70														
135-12*	Autoridad del Canal de Panamá	0.00	0.84	5.60	3.85														
136-12*	Inversiones y Desarrollo Balboa	0.00	12.60	9.00	5.06														
		156.59	167.86	153.61	113.28	70.77	70.77	53.13	52.47	20.97	27.97	30.84	30.84	30.84	30.84	30.84	30.84	30.84	25.31

* Potencia Máxima Contratada

1.3. Contratos Vigentes de ENSA

Cuadro 13, Contratos de Potencia con Energía Asociada de Ensa

No.	EMPRESA	FECHA DE SUMINISTRO		DMG para Calcular Energía Asociada	Precios		
		INICIO	FINAL		Potencia	Energía (\$/MWh)	
					(\$/kW-mes)	FJO	COMB
DME 003-99	AES	03-nov-03	02-nov-13	DMG Anual	7.95	0.04000	
DME 002-05	Paso Ancho	10-may-10	31-dic-18	DMG Anual	6.65	0.04560	
DME 001-06	Enel fortuna	01-ene-09	31-dic-18	DMG Mensual sin RC	7.53	0.05490	
DME 010-06	Panam	01-ene-10	31-dic-19	DMG Mensual sin RC	12.00	0.01430	0.05780
DME 011-06	Panam	01-ene-11	31-dic-20	DMG Mensual sin RC	12.00	0.01430	0.05780
DME 017-06	BLM	01-ene-10	31-dic-18	DMG Mensual sin RC	28.14	0.10920	0.02018
DME 018-06	BLM	01-ene-19	31-dic-23	DMG Mensual sin RC	28.77	0.10920	0.02018
DME 005-07	Termica del Caribe	01-mar-09	30-jun-14	DMG Mensual sin RC	22.50	0.02964	0.05706
DME 007-07	ESEPSA	01-jul-09	30-jun-14	DMG Mensual sin RC	12.00	0.06290	
DME 009-07	Generadora del Atlántico	01-ene-09	30-abr-15	DMG Mensual sin RC	12.00	0.01944	0.05706
DME 010-07	Termica del Caribe	01-ene-11	31-dic-18	DMG Mensual sin RC	12.00	0.01220	0.05706
DME 007-08	AES	01-ene-12	31-dic-21	DMG Mensual sin RC	10.00	0.07290	N/A
DME 008-08	fortuna	01-ene-13	31-dic-22	DMG Mensual sin RC	12.00	0.07500	N/A
DME 009-08	AES	01-ene-13	31-dic-22	DMG Mensual sin RC	10.00	0.07980	N/A
DME 010-08	Hydro Caisan	01-ene-13	31-dic-22	DMG Mensual sin RC	31.62	0.03060	N/A
DME 011-08	Electro Investment	01-ene-13	31-dic-22	DMG Mensual sin RC	15.00	0.06965	N/A
DME 012-08	Alternergy	01-ene-13	31-dic-22	DMG Mensual sin RC	28.00	0.07110	N/A
DME 013-08	Bontex	01-ene-13	31-dic-22	DMG Mensual sin RC	28.00	0.07110	N/A
DME-010-11	Generadora Pedregalito, S.A.	01-ene-12	31-dic-14	DMG Mensual sin RC	30.00	0.05420	N/A
DME-011-11	Caldera Energy Corp.	01-ene-12	31-dic-14	DMG Mensual sin RC	25.00	0.07330	N/A
DME-012-11	Generadora Rio Chico, S.A.	01-ene-12	31-dic-14	DMG Mensual sin RC	30.00	0.05420	N/A
DME-013-11	Generadora Alto Valle, S.A.	01-ene-12	31-dic-14	DMG Mensual sin RC	30.00	0.05420	N/A
DME-014-11	Hidro Piedra, S.A.	01-ene-12	31-dic-14	DMG Mensual sin RC	12.39	0.10320	N/A
DME-015-11	Electrogeneradora del Istmo, S.A.	01-ene-12	31-dic-14	DMG Mensual sin RC	25.00	0.07330	N/A
DME-016-11	Enel Fortuna, S.A.	02-ene-15	31-dic-29	DMG Mensual sin RC	6.55	0.09420	N/A
DME-017-11	Consorcio Hidroeléctrico Tabasará, S.A.	02-ene-15	31-dic-29	DMG Mensual sin RC	9.00	0.10080	N/A
DME-018-11	Hidroecológica del Teribe, S.A.	02-ene-15	31-dic-29	DMG Mensual sin RC	8.50	0.10090	N/A
DME-019-11	Mifita Power, Inc.	02-ene-15	31-dic-29	DMG Mensual sin RC	10.25	0.07970	N/A
DME-020-11	ESEPSA	02-ene-15	31-dic-29	DMG Mensual sin RC	11.50	0.09120	N/A
DME-021-11	Generadora Pedregalito, S.A.	02-ene-15	31-dic-29	DMG Mensual sin RC	30.00	0.05420	N/A
DME-022-11	Caldera Energy Corp.	02-ene-15	31-dic-29	DMG Mensual sin RC	25.00	0.06330	N/A
DME-023-11	Generadora Rio Chico, S.A.	02-ene-15	31-dic-29	DMG Mensual sin RC	30.00	0.05420	N/A
DME-024-11	Generadora Alto Valle, S.A.	02-ene-15	31-dic-29	DMG Mensual sin RC	30.00	0.05420	N/A
DME-025-11	Desarrollos Hidroeléctricos Corp.	02-ene-15	31-dic-29	DMG Mensual sin RC	10.35	0.09650	N/A
DME-026-11	Hidroeléctrica San Lorenzo	02-ene-15	31-dic-29	DMG Mensual sin RC	15.00	0.08950	N/A
DME-027-11	Electrogeneradora del Istmo, S.A.	02-ene-15	31-dic-29	DMG Mensual sin RC	25.00	0.06330	N/A
DME-012-12	Termica del Caribe	01-abr-12	30-abr-15	DMG Mensual sin RC	12.00	0.01944	0.05706
DME-067-12	Autoridad del Canal de Panamá	01/ene/13	31/dic/16	DMG Mensual sin RC	11.50	0.01460	0.13140
XXXX	Pedregal Power Corp.	01/ene/13	31/dic/16	DMG Mensual sin RC	0.00	0.04937	0.13483

Cuadro 14, Contratos de Sólo Potencia de Ensa

No.	EMPRESA	FECHA DE SUMINISTRO		Precio Potencia (US\$/kW-mes)		
		INICIO	FINAL	FJO	IPF	PCT
DME-008-10	ESEPSA	01-ene-11	31-dic-14	10.50	N/A	N/A
DME-009-10	Enel Fortuna	01-ene-11	31-dic-14	9.27	N/A	N/A
DME-010-10	Generadora del Atlántico	01-ene-11	31-dic-14	10.37	N/A	N/A
DME 011-10	ACP	01-ene-11	31-dic-14	7.50	N/A	N/A
DME 041-11	Hidroibérica	01/ene/12	31/dic/14	8.96	0.50	N/A
DME 042-11	Enel Fortuna	01/ene/12	31/dic/14	9.14	N/A	3.00
DME 043-11	Hidro Boquerón	01/ene/12	31/dic/14	9.20	0.50	N/A
DME 044-11	Pedregal Power	01/ene/12	31/dic/14	10.00	0.50	N/A
DME 045-11	EGESA	01/ene/12	31/dic/14	10.28	0.50	N/A
DME 046-11	ACP	01/ene/12	31/dic/14	10.49	0.50	N/A
DME 014-12	Generadora del Atlántico	01/ene/13	31/dic/15	9.50	N/A	0.19
DME 037-12	Hidro Panamá, S.A.	01/ene/13	31/dic/15	8.75	N/A	N/A
DME 038-12	Hidroecológica del Teribe	01/ene/13	31/dic/15	9.50	N/A	N/A
DME 039-12	Ideal Panamá	01/ene/13	31/dic/15	10.00	N/A	N/A
DME 040-12	Istmus Hydro Power	01/ene/13	31/dic/15	10.00	0.50	N/A
DME 041-12	Las Perlas Norte, S.A	01/ene/13	31/dic/15	10.00	0.50	N/A
DME 042-12	Las Perlas Sur, S.A	01/ene/13	31/dic/15	10.00	0.50	N/A
DME 043-12	Café Eleta, S.A	01/ene/13	31/dic/15	10.00	N/A	N/A
DME 044-12	Enel Fortuna	01/ene/13	31/dic/15	*6.24	N/A	3.00
DME 045-12	Generadora del Atlántico	01/ene/13	31/dic/15	9.50	N/A	0.19
DME 046-12	ACP	01/ene/13	31/dic/15	*10.97	N/A	N/A
DME-068-12	Generadora del Atlántico	01/ene/13	31/dic/16	*8.68	N/A	N/A
DME-069-12	Bahía las Minas Corp.	01/ene/13	31/dic/16	*9.49	N/A	N/A
DME-070-12	Autoridad del Canal de Panamá	01/ene/13	31/dic/16	*10.49	N/A	N/A
DME-071-12	Inversiones y Desarrollo Balboa	01/ene/13	31/dic/16	*11.01	N/A	N/A

* Precio Promedio de Potencia.

Cuadro 15, Contratos de Sólo Energía de Ensa

No.	EMPRESA	FECHA DE SUMINISTRO		DMG para Calcular Energía Asociada	Precio Energía (\$/MWh)	
		INICIO	FINAL		FJO	COMB
DME-013-12	Enel Fortuna	01/ene/13	31/dic/14	DMG Mensual sin RC	0.10000	N/A
DME-047-12	Hydro Caisan	01/jul/12	31/dic/15	DMG Mensual sin RC	0.11425	N/A
DME-048-12	Caldera Energy Corp.	01/jul/12	31/dic/15	DMG Mensual sin RC	0.11425	N/A
DME-049-12	Electrogeneradora Istmo	01/jul/12	31/dic/15	DMG Mensual sin RC	0.11433	N/A
DME-050-12	Generadora Pedregalito	01/jul/12	31/dic/15	DMG Mensual sin RC	0.11450	N/A
DME-051-12	Generadora Río Chico	01/jul/12	31/dic/15	DMG Mensual sin RC	0.11450	N/A
DME-052-12	Hidroiberica	01/jul/12	31/dic/15	DMG Mensual sin RC	0.11510	N/A
DME-053-12	Generadora Alto Valle	01/jul/12	31/dic/15	DMG Mensual sin RC	0.11950	N/A
DME-054-12	ESEPSA	01/jul/12	31/dic/15	DMG Mensual sin RC	0.12000	N/A
DME-055-12	Hidro Panamá, S.A.	01/jul/12	31/dic/15	DMG Mensual sin RC	0.12500	N/A
DME-056-12	Las Perlas Norte, S.A.	01/jul/12	31/dic/15	DMG Mensual sin RC	0.13490	N/A
DME-057-12	Las Perlas Sur, S.A.	01/jul/12	31/dic/15	DMG Mensual sin RC	0.13490	N/A
DME-058-12	GENISA	01/jul/12	31/dic/15	DMG Mensual sin RC	0.13670	N/A
DME-059-12	Istmus Hydro Power	01/jul/12	31/dic/15	DMG Mensual sin RC	0.13990	N/A
DME-060-12	Fountain Intertrade	01/jul/12	31/dic/15	DMG Mensual sin RC	0.13990	N/A

Cuadro 16, Contratos de Energía Eólica de Ensa

No.	EMPRESA	FECHA DE SUMINISTRO		Precio Energía (\$/MWh)	
		INICIO	FINAL	FJO	COMB
DME-008-12	Unión Eólica de Panamá (PE Nuevo Chagres)	01/ene/14	31/dic/28	0.09500	25%
DME-009-12	Unión Eólica de Panamá (PE Rosa de los Vientos)	01/ene/14	31/dic/28	0.09800	25%
DME-010-12	Unión Eólica de Panamá (PE Portobelo Ballestillas)	01/ene/14	31/dic/28	0.10800	25%
DME-011-12	Unión Eólica de Panamá (PE Marañón)	01/ene/14	31/dic/28	0.11000	25%

Cuadro 17, Contratos de Energía Excedente de Ensa

No.	EMPRESA	FECHA DE SUMINISTRO		Precio Energía (\$/MWh)	
		INICIO	FINAL	FJO	COMB
DME-015-12	Autoridad del Canal de Panamá	01/jul/12	31/jul/15	0.11000	N/A
DME-016-12	AES Panamá	01/jul/12	31/jul/15	0.11500	N/A
DME-017-12	Energía y Servicios de Panamá, S.A.	01/jul/12	31/jul/15	0.11980	N/A
DME-018-12	Enel Fortuna	01/jul/12	31/jul/15	0.11990	N/A
DME-019-12	FERSA Panamá, S.A.	01/jul/12	31/jul/15	0.11000	N/A
DME-020-12	Caldera Energy Corp.	01/jul/12	31/jul/15	0.12750	N/A
DME-021-12	Electrogeneradora del Istmo	01/jul/12	31/jul/15	0.12750	N/A
DME-022-12	Paso Ancho Hydro Power	01/jul/12	31/jul/15	0.12900	N/A
DME-023-12	Café de Eleta	01/jul/12	31/jul/15	0.13250	N/A
DME-024-12	Generadora del Istmo, S.A.	01/jul/12	31/jul/15	0.13460	N/A
DME-025-12	Bontex, S.A.	01/jul/12	31/jul/15	0.14500	N/A
DME-026-12	Alternegy, S.A.	01/jul/12	31/jul/15	0.14500	N/A
DME-027-12	Hidro Panamá, S.A.	01/jul/12	31/jul/15	0.16500	N/A
DME-028-12	Electron Investment, S.A.	01/jul/12	31/jul/15	0.14850	N/A
DME-029-12	Istmus Hydro Power	01/jul/12	31/jul/15	0.14490	N/A
DME-030-12	Las Perlas Norte, S.A.	01/jul/12	31/jul/15	0.14490	N/A
DME-031-12	Las Perlas Sur, S.A.	01/jul/12	31/jul/15	0.14490	N/A
DME-032-12	Generadora Río Chico	01/jul/12	31/jul/15	0.14500	N/A
DME-033-12	Generadora Alto Valle	01/jul/12	31/jul/15	0.14500	N/A
DME-034-12	Generadora Pedregalito	01/jul/12	31/jul/15	0.14500	N/A
DME-035-12	Hydro Caisán	01/jul/12	31/jul/15	0.14500	N/A

Cuadro 18, Potencia Firme Contratada de Ensa (MW)

No.	EMPRESA	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
DME 003-99	AES	48.72																	
DME 002-05	Paso Ancho	4.00	4.00	4.00	4.00	4.00	4.00												
DME 001-06	Enel fortuna	120.00	120.00	120.00	120.00	120.00	120.00												
DME 010-06	Panam	20.00	20.00	20.00	20.00	20.00	20.00	20.00											
DME 011-06	Panam	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00										
DME 017-06	BLM	108.00	108.00	108.00	108.00	108.00	108.00												
DME 018-06	BLM							108.00	108.00	108.00	108.00	108.00							
DME 005-07	Termica del Caribe	2.85	2.85																
DME 007-07	ESEPSA	0.96	0.96																
DME 009-07	Generadora del Atlántico	12.00	12.00	8.00															
DME 010-07	Termica del Caribe	22.50	22.50	22.50	22.50	22.50	22.50												
DME 007-08	AES	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00									
DME 008-08	fortuna	8.05	8.05	8.05	8.05	8.05	8.05	8.05	8.05	8.05	8.05								
DME 009-08	AES	9.43	9.43	9.43	9.43	9.43	9.43	9.43	9.43	9.43	9.43								
DME 010-08	Hydro Caisan	5.09	5.09	5.09	5.09	5.09	5.09	5.09	5.09	5.09	5.09	5.09							
DME 011-08	Electro Investment	10.35	10.35	10.35	10.35	10.35	10.35	10.35	10.35	10.35	10.35	10.35							
DME 012-08	Alternergy	18.40	18.40	18.40	18.40	18.40	18.40	18.40	18.40	18.40	18.40	18.40							
DME 013-08	Bontex	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60							
DME-010-11	Generadora Pedregalito, S.A.	1.31	0.98																
DME-011-11	Caldera Energy Corp.	0.98	0.74																
DME-012-11	Generadora Rio Chico, S.A.	0.81	0.60																
DME-013-11	Generadora Alto Valle, S.A.	0.77	0.57																
DME-014-11	Hidro Piedra, S.A.	0.45	0.33																
DME-015-11	Electrogeneradora del Istmo, S.A.	0.78	0.59																
DME-016-11	Enel Fortuna, S.A.			7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87
DME-017-11	Consorcio Hidroeléctrico Tabasará, S.A.			3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17
DME-018-11	Hidroecológica del Teribe, S.A.			2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67
DME-019-11	Mifta Power, Inc.			2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67
DME-020-11	ESEPSA			1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46
DME-021-11	Generadora Pedregalito, S.A.			1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
DME-022-11	Caldera Energy Corp.			0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
DME-023-11	Generadora Rio Chico, S.A.			0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64
DME-024-11	Generadora Alto Valle, S.A.			0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
DME-025-11	Desarrollos Hidroeléctricos Corp.			0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
DME-026-11	Hidroeléctrica San Lorenzo			0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
DME-027-11	Electrogeneradora del Istmo, S.A.			0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
DME-012-12	Termica del Caribe	6.00	6.00	6.00															
DME-067-12*	Autoridad del Canal de Panamá	0.00	16.49	17.71	24.30														
XXXX*	Pedregal Power Corp.	3.656	16.49	20.06	19.44														
DME-008-10*	ESEPSA	12.00	9.31																
DME-009-10*	Enel Fortuna	0.92	7.50																
DME-010-10*	Generadora del Atlántico	0.38	3.12																
DME 011-10*	ACP	2.77	22.50																
DME 041-11*	Hidroibérica	0.50	0.30																
DME 042-11*	Enel Fortuna	25.50	17.10																
DME 043-11*	Hidro Boquerón	0.32	0.18																
DME 044-11*	Pedregal Power	5.32	2.94																
DME 045-11*	EGESA	0.00	0.00																
DME 046-11*	ACP	2.98	1.80																
DME 014-12*	Generadora del Atlántico	12.00	12.00	12.00															
DME 037-12*	Hidro Panamá, S.A.	0.03	0.20																
DME 038-12*	Hidroecológica del Teribe	0.00	0.00	1.7															
DME 039-12*	Ideal Panamá	0.57	5.60	7.2															
DME 040-12*	Istmus Hydro Power	0.10	0.70	0.9															
DME 041-12*	Las Perlas Norte, S.A	0.10	0.70	0.8															
DME 042-12*	Las Perlas Sur, S.A	0.10	0.70	0.8															
DME 043-12*	Café Eleta, S.A	0.00	0.00	0															
DME 044-12*	Enel Fortuna	0.46	0.30	22.6															
DME 045-12*	Generadora del Atlántico	0.25	12.20	36.2															
DME 046-12*	ACP	0.00	0.00	12															
DME-068-12*	Generadora del Atlántico	23.66	15.00	8.90	42.90														
DME-069-12*	Bahía las Minas Corp.	28.09	37.10	31.50	23.10														
DME-070-12*	Autoridad del Canal de Panamá	1.49	2.12	12.80	11.55														
DME-071-12*	Inversiones y Desarrollo Balboa	0.00	9.60	27.00	15.18														
		610.24	633.01	661.74	572.04	435.57	435.57	289.07	269.07	209.07	186.07	135.24	22.15	22.15	22.15	22.15	22.15	22.15	0.00

* Potencia Máxima Contratada

2. Total de Potencia y Energía Contratada

A continuación presentamos el total de potencia y energía contratada mensualmente para los años 2013-2033.

2.1. Total Contratado de EDEMET

Cuadro 19, Potencia Contrata Mensual de Edemet (MW)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2013	662.15	708.62	693.61	745.31	756.31	759.38	686.45	724.86	728.93	738.98	704.11	704.65
2014	677.54	733.94	728.49	779.22	792.96	804.47	751.70	780.97	782.52	790.61	768.24	769.35
2015	732.29	781.34	765.28	821.96	806.30	799.21	761.41	793.99	785.90	800.48	769.25	789.14
2016	694.06	696.57	690.08	722.43	721.82	720.85	722.53	701.91	699.78	703.33	703.78	697.57
2017	537.67	537.67	537.67	537.67	537.67	537.67	537.67	537.67	537.67	537.67	537.67	537.67
2018	537.67	537.67	537.67	537.67	537.67	537.67	537.67	537.67	537.67	537.67	537.67	537.67
2019	436.50	436.50	436.50	436.50	436.50	436.50	436.50	436.50	436.50	436.50	436.50	436.50
2020	436.88	436.88	436.88	436.88	436.88	436.88	436.88	436.88	436.88	436.88	436.88	436.88
2021	451.88	451.88	451.88	451.88	451.88	451.88	451.88	451.88	451.88	451.88	451.88	451.88
2022	434.88	434.88	434.88	434.88	434.88	434.88	434.88	434.88	434.88	434.88	434.88	434.88
2023	324.96	324.96	324.96	324.96	324.96	324.96	324.96	324.96	324.96	324.96	324.96	324.96
2024	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27
2025	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27
2026	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27
2027	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27
2028	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27
2029	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27	272.27
2030	216.91	216.91	216.91	216.91	216.91	216.91	216.91	216.91	216.91	216.91	216.91	216.91
2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2033	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Cuadro 20, Energía Contratada Mensual de Edemet (GWh)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2013	268.48	244.94	275.65	256.73	275.82	275.99	276.57	285.18	270.46	278.86	270.47	248.90
2014	289.72	275.58	311.29	293.59	316.08	310.82	275.24	292.17	287.65	296.86	274.11	267.47
2015	294.69	266.60	293.36	281.69	282.93	282.52	278.28	295.60	292.44	301.20	282.89	284.71
2016	287.47	268.39	293.15	277.08	291.98	277.67	278.07	276.14	261.27	268.37	259.71	275.11
2017	257.91	231.62	265.25	248.72	261.41	250.61	249.54	257.36	244.26	249.31	240.61	257.61
2018	258.04	231.67	265.36	248.86	261.44	250.18	249.38	257.10	244.05	249.02	241.17	258.38
2019	227.26	202.26	230.55	211.05	221.63	208.45	212.33	216.52	205.44	209.09	204.61	219.25
2020	227.50	209.50	230.79	211.28	221.89	208.64	212.57	216.76	205.66	209.30	204.83	219.47
2021	235.94	209.79	239.06	218.33	229.25	216.84	221.39	225.53	213.96	217.71	213.35	228.61
2022	227.16	201.98	230.15	210.20	220.72	208.81	213.14	217.13	206.00	209.61	205.41	220.10
2023	170.35	151.48	172.60	157.64	165.52	156.60	159.84	162.83	154.50	157.21	154.05	165.06
2024	143.12	131.82	145.01	132.44	139.07	131.58	132.02	134.49	127.57	129.78	127.21	136.33
2025	140.70	125.08	142.56	130.20	136.72	129.31	132.02	134.49	127.57	129.78	127.21	136.33
2026	140.70	125.08	142.56	130.20	136.72	129.31	132.02	134.49	127.57	129.78	127.21	136.33
2027	140.70	125.08	142.56	130.20	136.72	129.31	132.02	134.49	127.57	129.78	127.21	136.33
2028	140.70	129.55	142.56	130.20	136.72	129.31	132.02	134.49	127.57	129.78	127.21	136.33
2029	140.70	125.08	142.56	130.20	136.72	129.31	132.02	134.49	127.57	129.78	127.21	136.33
2030	112.09	99.65	113.57	103.73	108.92	103.02	105.18	107.15	101.63	103.39	101.34	108.61
2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2033	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2.2. Total Contratado de EDECHI

Cuadro 21, Potencia Contratada Mensual de Edechi (MW)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2013	82.38	89.59	93.56	86.06	88.61	89.70	96.17	106.94	106.82	105.07	101.77	99.89
2014	97.44	108.87	111.99	109.59	108.47	112.04	111.80	116.37	117.65	114.43	112.26	106.84
2015	103.59	115.96	117.98	116.10	111.28	108.81	109.78	116.30	114.82	114.01	110.29	109.66
2016	97.93	101.11	101.62	99.07	98.15	102.70	105.76	101.83	101.85	101.37	101.60	99.50
2017	70.77	70.77	70.77	70.77	70.77	70.77	70.77	70.77	70.77	70.77	70.77	70.77
2018	70.77	70.77	70.77	70.77	70.77	70.77	70.77	70.77	70.77	70.77	70.77	70.77
2019	52.82	52.82	52.82	52.82	52.82	52.82	52.42	52.42	52.42	52.42	52.42	52.42
2020	52.47	52.47	52.47	52.47	52.47	52.47	52.47	52.47	52.47	52.47	52.47	52.47
2021	20.97	20.97	20.97	20.97	20.97	20.97	20.97	20.97	20.97	20.97	20.97	20.97
2022	27.97	27.97	27.97	27.97	27.97	27.97	27.97	27.97	27.97	27.97	27.97	27.97
2023	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84
2024	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84
2025	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84
2026	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84
2027	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84
2028	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84
2029	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84	30.84
2030	25.31	25.31	25.31	25.31	25.31	25.31	25.31	25.31	25.31	25.31	25.31	25.31
2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2033	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Cuadro 22, Energía Contratada Mensual de Edechi (GWh)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2013	29.65	29.40	31.27	30.04	32.03	33.12	39.46	41.42	39.67	37.48	39.25	32.93
2014	33.20	35.86	43.48	40.45	39.04	45.25	45.70	45.12	44.48	44.00	44.36	40.04
2015	43.88	42.87	45.03	45.67	43.96	45.57	46.28	48.65	46.04	46.68	45.98	41.83
2016	39.81	40.39	43.51	40.92	42.20	40.70	43.42	40.61	38.71	37.27	38.65	39.18
2017	35.08	34.12	36.97	35.38	36.91	36.70	37.57	37.10	35.46	34.26	35.34	36.86
2018	35.08	34.07	36.96	35.41	36.93	36.62	37.45	37.21	35.40	34.18	36.01	37.67
2019	29.15	27.32	29.51	28.38	29.60	29.03	29.63	29.05	27.56	26.78	27.92	29.57
2020	28.98	27.54	29.37	28.25	29.48	28.85	29.58	29.04	27.59	26.80	27.93	29.61
2021	14.62	12.82	13.69	13.23	13.85	13.46	13.80	13.29	12.48	12.32	13.14	14.30
2022	18.85	16.54	17.65	17.05	17.85	17.30	17.77	17.13	16.09	15.91	16.95	18.43
2023	20.58	18.06	19.27	18.62	19.50	18.89	19.40	18.71	17.57	17.38	18.52	20.13
2024	20.58	18.71	19.27	18.62	19.50	18.89	17.51	16.93	15.90	15.81	16.80	18.22
2025	18.63	16.39	17.44	16.85	17.64	17.14	17.51	16.93	15.90	15.81	16.80	18.22
2026	18.63	16.39	17.44	16.85	17.64	17.14	17.51	16.93	15.90	15.81	16.80	18.22
2027	18.63	16.39	17.44	16.85	17.64	17.14	17.51	16.93	15.90	15.81	16.80	18.22
2028	18.63	16.98	17.44	16.85	17.64	17.14	17.51	16.93	15.90	15.81	16.80	18.22
2029	18.63	16.39	17.44	16.85	17.64	17.14	17.51	16.93	15.90	15.81	16.80	18.22
2030	15.29	13.45	14.31	13.83	14.48	14.07	14.37	13.89	13.05	12.97	13.79	14.95
2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2033	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2.3. Total Contratado de ENSA

Cuadro 23, Potencia Contrata Mensual de Ensa (MW)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2013	499.20	519.29	528.81	527.47	539.75	570.58	540.06	552.32	568.68	550.42	543.60	536.84
2014	521.33	550.31	567.84	564.47	576.51	615.58	563.68	584.35	600.41	581.52	568.15	576.03
2015	567.86	589.97	601.30	599.96	593.58	613.13	578.44	597.85	607.45	593.64	572.60	594.44
2016	537.99	532.29	538.28	533.48	535.00	556.43	551.68	538.23	540.35	537.28	536.60	534.91
2017	438.53	438.53	438.53	438.53	438.53	438.53	438.53	438.53	438.53	438.53	438.53	438.53
2018	438.53	438.53	438.53	438.53	438.53	438.53	438.53	438.53	438.53	438.53	438.53	438.53
2019	345.13	345.13	345.13	345.13	345.13	345.13	345.13	345.13	345.13	345.13	345.13	345.13
2020	325.34	325.34	325.34	325.34	325.34	325.34	325.34	325.34	325.34	325.34	325.34	325.34
2021	281.84	281.84	281.84	281.84	281.84	281.84	281.84	281.84	281.84	281.84	281.84	281.84
2022	291.84	291.84	291.84	291.84	291.84	291.84	291.84	291.84	291.84	291.84	291.84	291.84
2023	264.89	264.89	264.89	264.89	264.89	264.89	259.80	259.80	259.80	259.80	259.80	259.80
2024	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45
2025	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45
2026	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45
2027	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45
2028	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45
2029	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45	141.45
2030	119.30	119.30	119.30	119.30	119.30	119.30	119.30	119.30	119.30	119.30	119.30	119.30
2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2033	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Cuadro 24, Energía Contratada Mensual de Ensa (GWh)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2013	253.72	225.29	255.71	238.72	250.89	242.06	250.50	250.15	239.71	245.88	241.53	232.71
2014	243.65	224.92	259.83	241.30	253.74	244.63	246.21	255.14	249.45	257.02	251.56	252.40
2015	276.39	240.81	267.91	251.76	251.22	243.91	248.88	255.40	249.88	257.24	243.88	249.88
2016	268.22	244.31	268.79	249.38	261.09	243.85	249.19	245.79	232.56	240.05	232.46	246.45
2017	244.03	217.23	244.41	229.04	239.04	221.79	228.89	232.32	218.81	227.36	220.48	234.62
2018	244.27	217.44	244.64	229.26	239.27	221.41	228.49	231.92	218.44	226.96	220.34	234.47
2019	192.92	171.69	193.14	180.99	188.86	174.64	180.34	183.02	172.32	179.12	173.76	184.88
2020	181.89	167.66	182.10	170.65	178.07	164.66	170.03	172.56	162.46	168.88	163.82	174.31
2021	157.31	140.00	157.49	147.59	154.00	143.49	148.16	150.37	141.57	147.16	142.76	151.89
2022	162.87	144.95	163.06	152.80	159.45	148.56	153.39	155.69	146.57	152.37	147.80	157.26
2023	147.89	131.61	148.05	138.74	144.78	134.89	136.61	138.66	130.54	135.70	131.64	140.06
2024	79.25	73.05	79.34	74.35	77.58	72.29	74.10	75.18	70.80	73.58	71.37	75.94
2025	78.65	69.99	78.74	73.79	77.00	71.74	74.10	75.18	70.80	73.58	71.37	75.94
2026	78.65	69.99	78.74	73.79	77.00	71.74	74.10	75.18	70.80	73.58	71.37	75.94
2027	78.65	69.99	78.74	73.79	77.00	71.74	74.10	75.18	70.80	73.58	71.37	75.94
2028	78.65	72.49	78.74	73.79	77.00	71.74	74.10	75.18	70.80	73.58	71.37	75.94
2029	78.65	69.99	78.74	73.79	77.00	71.74	74.10	75.18	70.80	73.58	71.37	75.94
2030	66.34	59.03	66.41	62.23	64.94	60.51	62.49	63.41	59.72	62.06	60.20	64.05
2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2032	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2033	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Esta página fue dejada en blanco a propósito

3. Pronósticos de Demanda

La Proyección de Demanda a utilizar es la correspondiente al Informe Indicativo de Demandas 2013-2033, aprobado mediante la Resolución AN N° 5712-Elec del 8 de noviembre de 2012, emitida por el Centro Nacional de Despacho, tomando en cuenta la adenda 1 de diciembre del 2012.

3.1. Pronósticos de Demanda de EDEMET

Cuadro 25, Demanda Máxima de Generación de Edemet (MW)

	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic	Max
2013	660.20	701.32	688.17	741.25	753.09	755.56	713.37	728.87	735.45	742.79	709.09	712.64	755.56
2014	680.40	723.29	709.10	761.93	776.12	798.47	744.38	768.46	772.47	779.67	745.87	745.87	798.47
2015	710.96	758.58	742.99	798.79	810.15	835.49	780.92	806.26	809.81	818.78	784.48	783.40	835.49
2016	735.72	758.35	768.58	826.81	838.37	868.25	812.50	839.14	842.00	849.98	817.17	816.14	868.25
2017	771.69	794.71	805.96	867.54	869.76	913.38	853.89	883.09	884.27	891.91	855.39	853.23	913.38
2018	805.89	829.22	841.44	906.17	907.44	955.17	895.68	925.28	926.92	934.20	894.45	893.93	955.17
2019	841.65	867.94	878.53	946.64	949.34	999.03	936.86	966.91	969.01	976.03	934.80	935.07	999.03
2020	879.85	877.87	918.18	989.81	995.37	1,038.28	980.91	1,011.35	1,013.95	1,018.33	977.36	976.87	1,038.28
2021	923.03	923.68	963.04	1,038.66	1,047.80	1,080.42	1,022.89	1,056.21	1,056.75	1,060.74	1,018.96	1,017.61	1,080.42
2022	964.36	964.90	1,005.88	1,085.34	1,095.57	1,128.07	1,070.05	1,107.65	1,104.97	1,108.58	1,063.51	1,064.61	1,128.07
2023	1,007.76	1,011.93	1,050.98	1,134.52	1,143.83	1,178.27	1,119.83	1,154.74	1,155.74	1,158.97	1,111.62	1,113.63	1,178.27
2024	1,053.12	1,025.52	1,098.02	1,185.76	1,192.99	1,230.62	1,171.67	1,207.09	1,208.68	1,211.50	1,161.77	1,163.45	1,230.62
2025	1,103.63	1,079.79	1,149.38	1,241.75	1,251.56	1,287.79	1,228.31	1,264.28	1,266.50	1,267.77	1,218.83	1,218.56	1,287.79
2026	1,153.88	1,130.93	1,201.52	1,298.57	1,307.82	1,345.78	1,285.77	1,319.10	1,325.18	1,327.11	1,272.16	1,274.48	1,345.78
2027	1,206.29	1,180.78	1,255.94	1,357.85	1,367.61	1,406.34	1,345.74	1,379.65	1,386.42	1,387.88	1,330.18	1,332.84	1,406.34
2028	1,260.24	1,196.38	1,311.85	1,418.80	1,429.08	1,468.57	1,407.39	1,444.05	1,449.37	1,450.34	1,390.28	1,391.78	1,468.57
2029	1,318.87	1,264.54	1,373.81	1,486.32	1,497.17	1,537.49	1,475.67	1,513.43	1,519.09	1,519.53	1,455.89	1,459.28	1,537.49
2030	1,380.56	1,327.42	1,436.30	1,554.40	1,565.83	1,607.02	1,544.54	1,580.83	1,589.41	1,589.31	1,522.52	1,526.93	1,607.02
2031	1,444.69	1,391.62	1,502.26	1,626.30	1,638.35	1,680.44	1,617.27	1,652.13	1,663.68	1,663.01	1,592.89	1,597.08	1,680.44
2032	1,514.55	1,413.24	1,573.57	1,703.99	1,716.73	1,759.75	1,695.73	1,724.60	1,743.90	1,734.88	1,657.14	1,666.19	1,759.75
2033	1,577.96	1,537.36	1,646.38	1,783.31	1,796.74	1,840.64	1,775.99	1,805.62	1,825.83	1,816.20	1,734.79	1,744.26	1,840.64

Cuadro 26, Energía Requerida en los Puntos de Entrega de Edemet (GWh)

	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic	Total
2012	290.63	285.15	300.70	305.87	324.99	317.44	302.18	314.94	306.13	312.44	289.12	298.03	3,647.62
2013	318.02	300.33	335.88	330.41	352.49	341.98	327.65	337.96	323.46	332.35	310.97	333.93	3,945.42
2014	331.04	312.84	349.56	343.03	366.90	356.28	339.11	356.62	340.04	349.15	327.38	350.87	4,122.81
2015	344.65	326.91	364.93	358.33	381.61	371.80	354.80	373.17	355.52	365.68	343.41	367.55	4,308.36
2016	359.82	341.49	380.86	374.19	398.40	388.38	371.06	390.40	371.57	381.58	359.57	384.89	4,502.21
2017	377.41	345.53	399.38	392.62	413.32	408.57	389.96	410.84	390.22	400.41	376.39	402.38	4,707.04
2018	394.53	360.88	417.37	410.51	431.65	426.52	408.34	429.73	408.33	418.67	392.90	420.85	4,920.30
2019	412.03	377.74	435.77	428.84	451.58	446.11	427.12	449.06	426.88	437.42	410.63	440.22	5,143.40
2020	430.74	395.70	455.43	448.40	473.48	463.64	447.20	469.70	446.67	456.38	429.32	459.90	5,376.57
2021	450.90	401.12	476.65	469.51	497.34	485.06	468.86	493.18	468.04	477.95	450.01	481.66	5,620.28
2022	471.08	419.02	497.86	490.61	520.01	506.45	490.47	517.20	489.40	499.51	469.68	503.91	5,875.20
2023	492.29	439.45	520.18	512.84	542.92	528.99	513.29	539.19	511.89	522.21	490.93	527.11	6,141.28
2024	514.45	461.25	543.46	536.00	566.25	552.49	537.05	563.63	535.33	545.88	513.08	550.69	6,419.57
2025	539.12	468.92	568.88	561.31	594.06	578.16	563.01	590.34	560.94	571.23	538.28	576.77	6,711.02
2026	563.66	491.12	594.69	587.00	620.75	604.19	589.35	615.93	586.93	597.97	561.83	603.24	7,016.69
2027	589.27	512.77	621.62	613.79	649.13	631.38	616.84	644.21	614.05	625.35	587.46	630.87	7,336.75
2028	615.62	538.10	649.29	641.35	678.31	659.32	645.10	674.28	641.94	653.49	614.00	658.76	7,669.57
2029	644.26	549.15	679.96	671.87	710.63	690.26	676.39	706.68	672.82	684.67	642.98	690.71	8,020.37
2030	674.40	576.45	710.89	702.64	743.22	721.48	707.96	738.15	703.96	716.11	672.40	722.74	8,390.39
2031	705.73	604.33	743.54	735.14	777.64	754.44	741.30	771.44	736.85	749.32	703.48	755.94	8,779.15
2032	739.85	635.64	778.83	770.26	814.84	790.05	777.26	805.28	772.38	781.70	731.85	788.65	9,186.59
2033	770.82	667.62	814.87	806.12	852.82	826.36	814.05	843.11	808.67	818.34	766.15	825.60	9,614.54

3.2. Pronósticos de Demanda de EDECHI

Cuadro 27, Demanda Máxima de Generación de Edechi (MW)

	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic	Max
2013	92.38	104.29	105.56	104.93	103.40	104.65	103.97	108.58	110.25	106.67	104.08	100.22	110.25
2014	95.86	107.29	109.01	107.16	106.17	111.20	110.71	114.51	116.14	112.85	108.99	103.73	116.14
2015	100.57	112.58	114.54	112.83	112.49	116.52	116.10	119.83	121.77	118.24	114.19	108.86	121.77
2016	103.74	112.69	118.91	117.37	116.95	121.20	121.41	124.48	126.75	122.98	118.77	113.40	126.75
2017	108.74	122.10	124.56	123.18	122.67	126.74	126.83	130.02	132.63	128.61	124.20	118.75	132.63
2018	113.78	127.54	130.26	129.05	128.45	132.70	132.66	136.94	138.94	134.64	130.02	124.49	138.94
2019	119.36	133.37	136.38	135.35	134.46	138.73	139.30	142.96	145.33	140.74	135.91	130.31	145.33
2020	124.94	134.76	143.08	142.04	141.24	145.14	145.20	149.35	152.13	147.23	142.18	136.49	152.13
2021	131.15	146.28	150.29	149.25	148.35	150.93	150.84	156.06	158.26	153.09	147.83	142.09	158.26
2022	137.43	153.06	157.39	156.56	155.47	157.89	158.20	162.99	165.63	160.12	154.62	148.79	165.63
2023	143.96	160.10	164.97	164.16	162.88	165.13	165.47	171.17	172.88	167.44	161.68	155.76	172.88
2024	150.89	161.80	172.81	172.23	170.65	172.81	173.17	178.82	181.00	175.21	169.18	163.15	181.00
2025	158.15	175.41	181.02	180.67	178.80	180.86	181.41	186.83	189.51	183.33	177.02	170.89	189.51
2026	165.74	183.60	189.61	189.51	187.35	189.28	189.64	195.21	198.41	191.84	185.23	178.99	198.41
2027	173.67	192.15	198.58	198.73	196.28	198.09	198.25	203.95	207.70	200.72	193.80	188.35	207.70
2028	181.98	194.18	207.98	208.40	205.65	207.32	207.27	213.12	217.44	210.02	202.78	197.21	217.44
2029	190.67	210.48	217.81	218.51	215.47	216.78	217.28	222.71	227.62	219.75	212.17	206.48	227.62
2030	199.79	220.32	228.12	229.12	225.61	227.12	227.19	232.78	238.32	229.97	222.03	216.21	238.32
2031	209.33	230.61	239.29	240.22	236.42	237.73	237.57	243.30	249.50	240.65	232.34	226.38	249.50
2032	219.32	233.06	250.78	251.85	247.57	248.85	248.63	254.33	261.21	251.84	243.33	237.04	261.21
2033	229.76	252.65	262.77	264.00	259.99	260.49	260.17	265.85	273.45	263.53	254.62	247.82	273.45

Cuadro 28, Energía Requerida en los Puntos de Entrega de Edechi (GWh)

	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic	Total
2012	49.26	46.07	50.51	50.42	52.80	50.38	50.79	46.39	45.09	47.56	44.72	46.89	580.88
2013	52.02	51.67	55.64	53.44	55.14	55.44	55.92	55.95	53.36	51.34	53.23	55.40	648.55
2014	54.52	53.69	58.03	55.12	57.19	58.07	59.06	59.05	56.26	54.35	55.79	57.57	678.70
2015	56.99	56.13	60.76	57.82	60.37	60.69	61.77	61.63	58.83	56.80	58.30	60.25	710.33
2016	59.31	58.71	63.64	60.69	63.32	63.45	64.93	64.36	61.55	59.38	60.95	63.09	743.38
2017	62.16	61.42	66.66	63.69	66.42	66.35	67.83	67.22	64.41	62.10	63.73	66.07	778.07
2018	65.11	64.22	69.78	66.79	69.61	69.35	70.82	70.68	67.36	64.90	66.60	69.14	814.37
2019	68.30	67.15	73.06	70.05	72.87	72.50	74.37	73.78	70.46	67.84	69.62	72.37	852.39
2020	71.50	70.28	76.65	73.52	76.55	75.86	77.52	77.08	73.75	70.97	72.83	75.81	892.30
2021	74.88	73.49	80.33	77.08	80.23	79.31	80.97	80.98	77.14	74.19	76.13	79.34	934.08
2022	78.47	76.90	84.13	80.86	84.07	82.96	84.92	84.58	80.73	77.60	79.63	83.08	977.93
2023	82.20	80.44	88.18	84.78	88.08	86.77	88.82	88.82	84.26	81.15	83.27	86.98	1,023.75
2024	86.16	84.20	92.37	88.95	92.29	90.80	92.95	92.79	88.22	84.91	87.13	91.11	1,071.88
2025	90.30	88.13	96.76	93.31	96.69	95.03	97.37	96.94	92.37	88.85	91.17	95.43	1,122.36
2026	94.64	92.24	101.35	97.87	101.31	99.46	101.79	101.29	96.71	92.97	95.40	99.95	1,174.99
2027	99.16	96.54	106.15	102.64	106.14	104.09	106.41	105.83	101.24	97.27	99.81	105.17	1,230.45
2028	103.91	101.04	111.17	107.63	111.21	108.93	111.26	110.59	105.98	101.78	104.43	110.12	1,288.07
2029	108.87	105.75	116.42	112.85	116.52	113.91	116.63	115.56	110.95	106.50	109.27	115.30	1,348.53
2030	114.08	110.69	121.94	118.33	122.01	119.34	121.95	120.79	116.16	111.45	114.35	120.73	1,411.82
2031	119.52	115.86	127.91	124.06	127.85	124.92	127.52	126.25	121.61	116.63	119.66	126.41	1,478.20
2032	125.23	121.28	134.05	130.07	133.88	130.76	133.46	131.97	127.31	122.05	125.32	132.37	1,547.74
2033	131.19	126.93	140.46	136.34	140.60	136.87	139.65	137.95	133.28	127.72	131.13	138.39	1,620.52

3.3. Pronósticos de Demanda de ENSA

Cuadro 29, Demanda Máxima de Generación de Ensa (MW)

	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic	Max
2013	500.04	519.42	529.53	528.39	540.32	571.18	533.30	552.54	569.46	550.48	529.39	538.26	571.18
2014	521.99	542.32	552.73	551.94	564.26	610.99	558.19	574.99	592.70	573.47	551.60	559.25	610.99
2015	551.32	572.79	583.79	582.96	595.97	644.72	589.00	606.73	625.41	605.12	582.04	590.12	644.72
2016	569.95	571.73	603.51	602.66	616.10	668.95	611.14	629.53	648.92	627.87	603.92	612.30	668.95
2017	594.21	617.35	629.20	628.31	642.33	697.42	637.15	656.33	676.54	654.59	629.62	638.36	697.42
2018	618.80	642.90	655.24	654.31	668.91	728.26	665.32	685.34	706.45	683.53	657.46	666.59	728.26
2019	644.76	669.86	682.73	681.75	696.97	758.80	693.23	714.09	736.08	712.20	685.04	694.55	758.80
2020	671.77	673.87	711.33	710.32	726.17	790.60	722.28	744.01	766.93	742.05	713.74	723.65	790.60
2021	698.86	726.07	740.01	738.96	755.44	816.28	745.74	768.18	791.84	766.15	736.93	747.16	816.28
2022	725.39	753.64	768.11	767.02	784.13	847.28	774.06	797.35	821.91	795.25	764.91	775.53	847.28
2023	752.88	782.20	797.22	796.08	813.85	879.39	803.40	827.57	853.06	825.38	793.90	804.92	879.39
2024	781.36	783.80	827.37	826.20	844.63	912.65	833.79	858.88	885.33	856.60	823.93	835.37	912.65
2025	810.87	842.45	858.62	857.40	876.53	947.12	865.28	891.31	918.76	888.95	855.05	866.92	947.12
2026	840.02	872.73	889.49	888.22	908.04	981.17	896.38	923.35	951.79	920.91	885.78	898.08	981.17
2027	870.16	904.04	921.40	920.09	940.62	1,016.37	928.54	956.48	985.94	953.95	917.57	930.31	1,016.37
2028	901.33	904.13	954.40	953.05	974.31	1,052.78	961.80	990.74	1,021.25	988.12	950.43	963.63	1,052.78
2029	933.56	969.91	988.53	987.13	1,009.15	1,090.43	996.20	1,026.17	1,057.77	1,023.46	984.42	998.09	1,090.43
2030	966.90	1,004.55	1,023.84	1,022.38	1,045.19	1,129.37	1,031.77	1,062.82	1,095.55	1,060.01	1,019.58	1,033.73	1,129.37
2031	1,001.38	1,040.38	1,060.35	1,058.84	1,082.47	1,169.65	1,068.57	1,100.72	1,134.62	1,097.81	1,055.94	1,070.60	1,169.65
2032	1,036.98	1,040.21	1,098.05	1,096.48	1,120.95	1,211.23	1,106.56	1,139.85	1,174.96	1,136.84	1,093.48	1,108.66	1,211.23
2033	1,073.81	1,115.62	1,137.04	1,135.43	1,160.76	1,254.24	1,145.86	1,180.34	1,216.69	1,177.21	1,132.31	1,148.04	1,254.24

Cuadro 30, Energía Requerida en los Puntos de Entrega de Ensa (GWh)

	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic	Total
2012	232.21	224.23	244.92	245.97	259.02	249.58	253.72	252.08	250.74	250.35	235.68	241.27	2,939.77
2013	259.17	239.59	274.77	256.93	274.16	276.07	264.61	275.67	267.56	268.78	250.75	270.43	3,178.48
2014	273.26	252.65	289.67	271.07	289.17	291.12	274.71	287.11	278.72	280.25	261.49	282.08	3,331.30
2015	287.57	265.88	304.84	285.27	304.32	306.37	289.09	302.15	293.31	294.92	275.18	296.86	3,505.77
2016	299.92	277.31	317.94	297.53	317.39	319.53	301.52	315.13	305.92	307.60	287.01	309.61	3,656.40
2017	312.69	289.11	331.47	310.19	330.90	333.13	314.35	328.54	318.94	320.69	299.22	322.79	3,812.03
2018	325.95	301.37	345.53	323.35	344.94	347.26	327.68	342.48	332.46	334.29	311.91	336.48	3,973.70
2019	339.62	314.01	360.03	336.91	359.40	361.83	341.43	356.85	346.41	348.31	325.00	350.59	4,140.39
2020	353.86	327.17	375.11	351.03	374.46	376.99	355.73	371.80	360.92	362.91	338.61	365.29	4,313.88
2021	367.32	339.62	389.39	364.39	388.72	391.34	369.27	385.95	374.66	376.72	351.50	379.19	4,478.05
2022	381.27	352.52	404.17	378.22	403.48	406.20	383.29	400.60	388.89	391.02	364.85	393.59	4,648.10
2023	395.72	365.88	419.49	392.56	418.77	421.59	397.82	415.78	403.62	405.84	378.67	408.50	4,824.25
2024	410.69	379.72	435.36	407.41	434.61	437.54	412.87	431.51	418.89	421.19	393.00	423.95	5,006.73
2025	426.20	394.06	451.80	422.79	451.02	454.06	428.46	447.81	434.71	437.10	407.84	439.97	5,195.82
2026	441.52	408.22	468.04	437.99	467.23	470.38	443.86	463.91	450.34	452.81	422.50	455.78	5,382.59
2027	457.36	422.87	484.83	453.71	484.00	487.26	459.79	480.55	466.50	469.06	437.66	472.13	5,575.72
2028	473.74	438.02	502.20	469.96	501.33	504.71	476.26	497.76	483.21	485.86	453.34	489.04	5,775.43
2029	490.68	453.68	520.16	486.76	519.26	522.76	493.29	515.56	500.49	503.23	469.55	506.53	5,981.97
2030	508.21	469.88	538.74	504.15	537.81	541.43	510.90	533.98	518.36	521.21	486.32	524.62	6,195.60
2031	526.33	486.64	557.95	522.13	556.99	560.74	529.12	553.02	536.85	539.80	503.66	543.33	6,416.57
2032	545.04	503.94	577.78	540.69	576.79	580.68	547.93	572.68	555.93	558.98	521.57	562.65	6,644.66
2033	564.40	521.84	598.30	559.89	597.27	601.30	567.39	593.02	575.68	578.84	540.09	582.63	6,880.66

Esta página fue dejada en blanco a propósito

4. Niveles de Contratación de Potencia y Energía

De acuerdo a la Potencia Firme contratada de cada Empresa Distribuidora (Cuadro 19, Cuadro 21 y Cuadro 23) y el Pronóstico de Demanda Máxima de Generación (DMG) de cada Empresa Distribuidora (Cuadro 25, Cuadro 27 y Cuadro 29) se obtienen los niveles de contratación de potencia actuales y tomando en cuenta la proyección anual de Energía Asociada a los Contratos de cada Empresa Distribuidora (Cuadro 20, Cuadro 22 y Cuadro 24) y el Pronostico Anual de Energía Requerida de cada Empresa Distribuidora (Cuadro 26, Cuadro 28 y Cuadro 30), se obtienen los niveles de contratación de Energía.

4.1. Niveles de Contratación de EDEMET

Cuadro 31, Porcentaje de contratación de Potencia Edemet

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	Max	Reg.
2013	100.29%	101.04%	100.79%	100.55%	100.43%	100.51%	96.23%	99.45%	99.11%	99.49%	99.30%	98.88%	101.04%	100%
2014	99.58%	101.47%	102.73%	102.27%	102.17%	100.75%	100.98%	101.63%	101.30%	101.40%	103.00%	103.15%	103.15%	100%
2015	103.00%	103.00%	103.00%	102.90%	99.52%	95.66%	97.50%	98.48%	97.05%	97.77%	98.06%	100.73%	103.00%	90%
2016	94.34%	91.85%	89.79%	87.38%	86.10%	83.02%	88.93%	83.65%	83.11%	82.75%	86.12%	85.47%	94.34%	90%
2017	69.67%	67.66%	66.71%	61.98%	61.82%	58.87%	62.97%	60.89%	60.80%	60.28%	62.86%	63.02%	69.67%	80%
2018	66.72%	64.84%	63.90%	59.33%	59.25%	56.29%	60.03%	58.11%	58.01%	57.55%	60.11%	60.15%	66.72%	80%
2019	51.86%	50.29%	49.68%	46.11%	45.98%	43.69%	46.59%	45.14%	45.05%	44.72%	46.69%	46.68%	51.86%	70%
2020	49.65%	49.77%	47.58%	44.14%	43.89%	42.08%	44.54%	43.20%	43.09%	42.90%	44.70%	44.72%	49.77%	70%
2021	48.96%	48.92%	46.92%	43.51%	43.13%	41.82%	44.18%	42.78%	42.76%	42.60%	44.35%	44.41%	48.96%	60%
2022	45.10%	45.07%	43.23%	40.07%	39.69%	38.55%	40.64%	39.26%	39.36%	39.23%	40.89%	40.85%	45.10%	60%
2023	32.25%	32.11%	30.92%	28.64%	28.41%	27.58%	29.02%	28.14%	28.12%	28.04%	29.23%	29.18%	32.25%	50%
2024	25.85%	26.55%	24.80%	22.96%	22.82%	22.12%	23.24%	22.56%	22.53%	22.47%	23.44%	23.40%	26.55%	50%
2025	24.67%	25.22%	23.69%	21.93%	21.75%	21.14%	22.17%	21.54%	21.50%	21.48%	22.34%	22.34%	25.22%	40%
2026	23.60%	24.08%	22.66%	20.97%	20.82%	20.23%	21.18%	20.64%	20.55%	20.52%	21.40%	21.36%	24.08%	40%
2027	22.57%	23.06%	21.68%	20.05%	19.91%	19.36%	20.23%	19.73%	19.64%	19.62%	20.47%	20.43%	23.06%	30%
2028	21.60%	22.76%	20.75%	19.19%	19.05%	18.54%	19.35%	18.85%	18.79%	18.77%	19.58%	19.56%	22.76%	30%
2029	20.64%	21.53%	19.82%	18.32%	18.19%	17.71%	18.45%	17.99%	17.92%	17.92%	18.70%	18.66%	21.53%	30%
2030	15.71%	16.34%	15.10%	13.95%	13.85%	13.50%	14.04%	13.72%	13.65%	13.65%	14.25%	14.21%	16.34%	30%
2031	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30%
2032	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30%
2033	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30%

Cuadro 32, Porcentaje de contratación de Energía de Edemet

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	Prom	Reg
2013	84.42%	81.56%	82.07%	77.70%	78.25%	80.70%	84.41%	84.38%	83.62%	83.91%	86.98%	74.54%	81.88%	100%
2014	87.52%	88.09%	89.05%	85.59%	86.15%	87.24%	81.17%	81.93%	84.60%	85.02%	83.73%	76.23%	84.69%	100%
2015	85.50%	81.55%	80.39%	78.61%	74.14%	75.99%	78.43%	79.21%	82.26%	82.37%	82.38%	77.46%	79.86%	90%
2016	79.89%	78.59%	76.97%	74.05%	73.29%	71.49%	74.94%	70.73%	70.31%	70.33%	72.23%	71.48%	73.69%	90%
2017	68.34%	67.03%	66.42%	63.35%	63.25%	61.34%	63.99%	62.64%	62.59%	62.26%	63.92%	64.02%	64.10%	80%
2018	65.40%	64.20%	63.58%	60.62%	60.57%	58.66%	61.07%	59.83%	59.77%	59.48%	61.38%	61.39%	61.33%	80%
2019	55.16%	53.54%	52.91%	49.21%	49.08%	46.73%	49.71%	48.22%	48.13%	47.80%	49.83%	49.80%	50.01%	70%
2020	52.82%	52.94%	50.68%	47.12%	46.86%	45.00%	47.53%	46.15%	46.04%	45.86%	47.71%	47.72%	48.04%	70%
2021	52.33%	52.30%	50.15%	46.50%	46.10%	44.70%	47.22%	45.73%	45.71%	45.55%	47.41%	47.46%	47.60%	60%
2022	48.22%	48.20%	46.23%	42.84%	42.44%	41.23%	43.46%	41.98%	42.09%	41.96%	43.73%	43.68%	43.84%	60%
2023	34.60%	34.47%	33.18%	30.74%	30.49%	29.60%	31.14%	30.20%	30.18%	30.11%	31.38%	31.31%	31.45%	50%
2024	27.82%	28.58%	26.68%	24.71%	24.56%	23.82%	24.58%	23.86%	23.83%	23.78%	24.79%	24.76%	25.15%	50%
2025	26.10%	26.67%	25.06%	23.20%	23.01%	22.37%	23.45%	22.78%	22.74%	22.72%	23.63%	23.64%	23.78%	40%
2026	24.96%	25.47%	23.97%	22.18%	22.02%	21.40%	22.40%	21.84%	21.74%	21.70%	22.64%	22.60%	22.74%	40%
2027	23.88%	24.39%	22.93%	21.21%	21.06%	20.48%	21.40%	20.88%	20.78%	20.75%	21.65%	21.61%	21.75%	30%
2028	22.86%	24.08%	21.96%	20.30%	20.16%	19.61%	20.47%	19.95%	19.87%	19.86%	20.72%	20.70%	20.88%	30%
2029	21.84%	22.78%	20.97%	19.38%	19.24%	18.73%	19.52%	19.03%	18.96%	18.96%	19.78%	19.74%	19.91%	30%
2030	16.62%	17.29%	15.98%	14.76%	14.65%	14.28%	14.86%	14.52%	14.44%	14.44%	15.07%	15.03%	15.16%	30%
2031	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30%
2032	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30%
2033	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30%

4.2. Niveles de Contratación de EDECHI

Cuadro 33, Porcentaje de contratación de Potencia de Edechi

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	Max	Reg.
2013	89.17%	85.90%	88.63%	82.02%	85.70%	85.72%	92.50%	98.49%	96.89%	98.49%	97.78%	99.67%	99.67%	100%
2014	101.65%	101.47%	102.74%	102.27%	102.17%	100.75%	100.99%	101.63%	101.30%	101.40%	103.00%	103.00%	103.00%	100%
2015	103.00%	103.00%	103.00%	102.90%	98.92%	93.39%	94.56%	97.06%	94.29%	96.43%	96.59%	100.73%	103.00%	90%
2016	94.39%	89.72%	85.46%	84.41%	83.93%	84.74%	87.11%	81.80%	80.35%	82.42%	85.54%	87.74%	94.39%	90%
2017	65.08%	57.96%	56.82%	57.45%	57.69%	55.84%	55.80%	54.43%	53.36%	55.03%	56.98%	59.60%	65.08%	80%
2018	62.20%	55.49%	54.33%	54.84%	55.10%	53.33%	53.35%	51.68%	50.94%	52.57%	54.43%	56.85%	62.20%	80%
2019	44.25%	39.60%	38.73%	39.03%	39.28%	38.08%	37.63%	36.67%	36.07%	37.25%	38.57%	40.23%	44.25%	70%
2020	41.99%	38.93%	36.67%	36.94%	37.15%	36.15%	36.13%	35.13%	34.49%	35.63%	36.90%	38.44%	41.99%	70%
2021	15.99%	14.33%	13.95%	14.05%	14.13%	13.89%	13.90%	13.43%	13.25%	13.70%	14.18%	14.76%	15.99%	60%
2022	20.35%	18.27%	17.77%	17.86%	17.99%	17.71%	17.68%	17.16%	16.89%	17.47%	18.09%	18.80%	20.35%	60%
2023	21.42%	19.26%	18.69%	18.78%	18.93%	18.67%	18.64%	18.02%	17.84%	18.42%	19.07%	19.80%	21.42%	50%
2024	20.44%	19.06%	17.84%	17.90%	18.07%	17.84%	17.81%	17.24%	17.04%	17.60%	18.23%	18.90%	20.44%	50%
2025	19.50%	17.58%	17.03%	17.07%	17.25%	17.05%	17.00%	16.51%	16.27%	16.82%	17.42%	18.04%	19.50%	40%
2026	18.61%	16.80%	16.26%	16.27%	16.46%	16.29%	16.26%	15.80%	15.54%	16.07%	16.65%	17.23%	18.61%	40%
2027	17.76%	16.05%	15.53%	15.52%	15.71%	15.57%	15.55%	15.12%	14.85%	15.36%	15.91%	16.37%	17.76%	30%
2028	16.95%	15.88%	14.83%	14.80%	14.99%	14.87%	14.88%	14.47%	14.18%	14.68%	15.21%	15.64%	16.95%	30%
2029	16.17%	14.65%	14.16%	14.11%	14.31%	14.22%	14.19%	13.85%	13.55%	14.03%	14.53%	14.93%	16.17%	30%
2030	12.67%	11.49%	11.09%	11.04%	11.22%	11.14%	11.14%	10.87%	10.62%	11.00%	11.40%	11.70%	12.67%	30%
2031	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30%
2032	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30%
2033	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30%

Cuadro 34, Porcentaje de contratación de Energía de Edechi

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	Prom	Reg
2013	57.00%	56.90%	56.20%	56.22%	58.09%	59.75%	70.56%	74.03%	74.35%	73.02%	73.74%	59.44%	64.10%	100%
2014	60.90%	66.79%	74.92%	73.38%	68.27%	77.93%	77.38%	76.40%	79.07%	80.94%	79.52%	69.55%	73.81%	100%
2015	77.00%	76.38%	74.11%	78.99%	72.81%	75.09%	74.92%	78.94%	78.27%	82.18%	78.87%	69.42%	76.36%	90%
2016	67.13%	68.80%	68.37%	67.42%	66.65%	64.14%	66.87%	63.10%	62.89%	62.76%	63.42%	62.10%	65.29%	90%
2017	56.44%	55.56%	55.47%	55.54%	55.57%	55.31%	55.39%	55.19%	55.06%	55.17%	55.44%	55.79%	55.49%	80%
2018	53.88%	53.05%	52.96%	53.02%	53.05%	52.80%	52.88%	52.65%	52.56%	52.67%	54.07%	54.48%	53.17%	80%
2019	42.67%	40.68%	40.39%	40.51%	40.61%	40.05%	39.84%	39.37%	39.12%	39.48%	40.10%	40.86%	40.30%	70%
2020	40.54%	39.19%	38.32%	38.43%	38.52%	38.03%	38.16%	37.67%	37.41%	37.76%	38.35%	39.06%	38.44%	70%
2021	19.53%	17.44%	17.04%	17.16%	17.26%	16.97%	17.04%	16.41%	16.18%	16.60%	17.26%	18.02%	17.23%	60%
2022	24.02%	21.51%	20.98%	21.09%	21.23%	20.85%	20.93%	20.25%	19.93%	20.50%	21.29%	22.19%	21.22%	60%
2023	25.04%	22.46%	21.85%	21.96%	22.13%	21.77%	21.84%	21.06%	20.85%	21.42%	22.24%	23.14%	22.14%	50%
2024	23.89%	22.22%	20.86%	20.93%	21.12%	20.81%	18.84%	18.24%	18.02%	18.62%	19.28%	19.99%	20.22%	50%
2025	20.63%	18.60%	18.02%	18.06%	18.24%	18.04%	17.98%	17.46%	17.21%	17.79%	18.43%	19.09%	18.29%	40%
2026	19.68%	17.77%	17.20%	17.21%	17.41%	17.23%	17.20%	16.71%	16.44%	17.01%	17.61%	18.23%	17.47%	40%
2027	18.78%	16.98%	16.43%	16.41%	16.62%	16.47%	16.45%	15.99%	15.71%	16.25%	16.83%	17.32%	16.68%	30%
2028	17.93%	16.80%	15.69%	15.65%	15.86%	15.74%	15.74%	15.31%	15.00%	15.53%	16.09%	16.54%	15.98%	30%
2029	17.11%	15.50%	14.98%	14.93%	15.14%	15.05%	15.01%	14.65%	14.33%	14.84%	15.38%	15.80%	15.22%	30%
2030	13.40%	12.15%	11.74%	11.68%	11.87%	11.79%	11.78%	11.50%	11.23%	11.64%	12.06%	12.38%	11.93%	30%
2031	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30%
2032	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30%
2033	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30%

4.3. Niveles de Contratación de ENSA

Cuadro 35, Porcentaje de contratación de Potencia de Ensa

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	Max	Reg.
2013	99.83%	99.98%	99.86%	99.83%	99.89%	99.89%	101.27%	99.96%	99.86%	99.99%	102.68%	99.73%	102.68%	100%
2014	99.87%	101.47%	102.73%	102.27%	102.17%	100.75%	100.98%	101.63%	101.30%	101.40%	103.00%	103.00%	103.00%	100%
2015	103.00%	103.00%	103.00%	102.92%	99.60%	95.10%	98.21%	98.54%	97.13%	98.10%	98.38%	100.73%	103.00%	90%
2016	94.39%	93.10%	89.19%	88.52%	86.84%	83.18%	90.27%	85.50%	83.27%	85.57%	88.85%	87.36%	94.39%	90%
2017	73.80%	71.03%	69.70%	69.80%	68.27%	62.88%	68.83%	66.82%	64.82%	66.99%	69.65%	68.70%	73.80%	80%
2018	70.87%	68.21%	66.93%	67.02%	65.56%	60.22%	65.91%	63.99%	62.08%	64.16%	66.70%	65.79%	70.87%	80%
2019	53.53%	51.52%	50.55%	50.62%	49.52%	45.48%	49.78%	48.33%	46.89%	48.46%	50.38%	49.69%	53.53%	70%
2020	48.43%	48.28%	45.74%	45.80%	44.80%	41.15%	45.04%	43.73%	42.42%	43.84%	45.58%	44.96%	48.43%	70%
2021	40.33%	38.82%	38.09%	38.14%	37.31%	34.53%	37.79%	36.69%	35.59%	36.79%	38.24%	37.72%	40.33%	60%
2022	40.23%	38.72%	37.99%	38.05%	37.22%	34.44%	37.70%	36.60%	35.51%	36.70%	38.15%	37.63%	40.23%	60%
2023	35.18%	33.86%	33.23%	33.27%	32.55%	30.12%	32.34%	31.39%	30.45%	31.48%	32.72%	32.28%	35.18%	50%
2024	18.10%	18.05%	17.10%	17.12%	16.75%	15.50%	16.96%	16.47%	15.98%	16.51%	17.17%	16.93%	18.10%	50%
2025	17.44%	16.79%	16.47%	16.50%	16.14%	14.93%	16.35%	15.87%	15.40%	15.91%	16.54%	16.32%	17.44%	40%
2026	16.84%	16.21%	15.90%	15.92%	15.58%	14.42%	15.78%	15.32%	14.86%	15.36%	15.97%	15.75%	16.84%	40%
2027	16.26%	15.65%	15.35%	15.37%	15.04%	13.92%	15.23%	14.79%	14.35%	14.83%	15.42%	15.20%	16.26%	30%
2028	15.69%	15.64%	14.82%	14.84%	14.52%	13.44%	14.71%	14.28%	13.85%	14.31%	14.88%	14.68%	15.69%	30%
2029	15.15%	14.58%	14.31%	14.33%	14.02%	12.97%	14.20%	13.78%	13.37%	13.82%	14.37%	14.17%	15.15%	30%
2030	12.34%	11.88%	11.65%	11.67%	11.41%	10.56%	11.56%	11.22%	10.89%	11.25%	11.70%	11.54%	12.34%	30%
2031	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30%
2032	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30%
2033	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30%

Cuadro 36, Porcentaje de contratación de Energía de Ensa

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	Prom	Reg
2013	97.90%	94.03%	93.07%	92.91%	91.51%	87.68%	94.67%	90.74%	89.59%	91.48%	96.32%	86.05%	92.16%	100%
2014	89.17%	89.03%	89.70%	89.02%	87.75%	84.03%	89.63%	88.86%	89.50%	91.71%	96.20%	89.48%	89.51%	100%
2015	96.11%	90.57%	87.89%	88.25%	82.55%	79.61%	86.09%	84.53%	85.19%	87.22%	88.63%	84.18%	86.74%	90%
2016	89.43%	88.10%	84.54%	83.82%	82.26%	76.31%	82.65%	78.00%	76.02%	78.04%	80.99%	79.60%	81.65%	90%
2017	78.04%	75.14%	73.73%	73.84%	72.24%	66.58%	72.81%	70.71%	68.61%	70.90%	73.69%	72.68%	72.41%	80%
2018	74.94%	72.15%	70.80%	70.90%	69.37%	63.76%	69.73%	67.72%	65.70%	67.89%	70.64%	69.68%	69.44%	80%
2019	56.80%	54.68%	53.65%	53.72%	52.55%	48.27%	52.82%	51.29%	49.74%	51.43%	53.46%	52.73%	52.59%	70%
2020	51.40%	51.24%	48.54%	48.61%	47.55%	43.68%	47.80%	46.41%	45.01%	46.54%	48.38%	47.72%	47.74%	70%
2021	42.83%	41.22%	40.45%	40.50%	39.62%	36.67%	40.12%	38.96%	37.79%	39.07%	40.61%	40.06%	39.82%	60%
2022	42.72%	41.12%	40.34%	40.40%	39.52%	36.57%	40.02%	38.86%	37.69%	38.97%	40.51%	39.96%	39.72%	60%
2023	37.37%	35.97%	35.29%	35.34%	34.57%	32.00%	34.34%	33.35%	32.34%	33.44%	34.76%	34.29%	34.42%	50%
2024	19.30%	19.24%	18.22%	18.25%	17.85%	16.52%	17.95%	17.42%	16.90%	17.47%	18.16%	17.91%	17.93%	50%
2025	18.45%	17.76%	17.43%	17.45%	17.07%	15.80%	17.29%	16.79%	16.29%	16.83%	17.50%	17.26%	17.16%	40%
2026	17.81%	17.15%	16.82%	16.85%	16.48%	15.25%	16.69%	16.21%	15.72%	16.25%	16.89%	16.66%	16.57%	40%
2027	17.20%	16.55%	16.24%	16.26%	15.91%	14.72%	16.12%	15.64%	15.18%	15.69%	16.31%	16.08%	15.99%	30%
2028	16.60%	16.55%	15.68%	15.70%	15.36%	14.21%	15.56%	15.10%	14.65%	15.14%	15.74%	15.53%	15.49%	30%
2029	16.03%	15.43%	15.14%	15.16%	14.83%	13.72%	15.02%	14.58%	14.15%	14.62%	15.20%	14.99%	14.91%	30%
2030	13.05%	12.56%	12.33%	12.34%	12.08%	11.18%	12.23%	11.87%	11.52%	11.91%	12.38%	12.21%	12.14%	30%
2031	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30%
2032	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30%
2033	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	30%

Esta página fue dejada en blanco a propósito

5. Requerimientos de Potencia y Energía

Los requerimientos de contratación tanto de potencia como de energía, se determinan de acuerdo a lo establecido en la “Metodología para el Cálculo de los Requerimientos de Potencia y Energía por Contratar para las Empresas Distribuidoras”, aprobado mediante la resolución AN No 3885-Elec del 8 de octubre de 2010.

5.1. Requerimientos de EDEMET

Cuadro 37, Requerimiento de Potencia de Edemet (MW)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	Max
2013	0.00	0.00	0.00	0.00	0.00	0.00	26.92	4.02	6.52	3.81	4.98	7.99	26.92
2014	2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.87
2015	0.00	0.00	0.00	0.00	3.85	36.28	19.50	12.28	23.91	18.30	15.23	0.00	36.28
2016	41.65	61.77	78.51	104.38	116.54	147.41	89.97	137.23	142.22	146.65	113.39	118.57	147.41
2017	234.02	257.04	268.29	329.87	332.09	375.71	316.22	345.42	346.60	354.24	317.72	315.56	375.71
2018	268.22	291.55	303.77	368.50	369.77	417.50	358.01	387.61	389.25	396.53	356.78	356.26	417.50
2019	405.15	431.44	442.04	510.14	512.84	562.53	500.37	530.41	532.51	539.54	498.31	498.58	562.53
2020	442.97	440.99	481.30	552.93	558.49	601.40	544.03	574.47	577.07	581.45	540.48	539.99	601.40
2021	471.15	471.80	511.16	586.78	595.92	628.54	571.01	604.33	604.87	608.86	567.08	565.73	628.54
2022	529.48	530.02	571.00	650.46	660.69	693.19	635.17	672.77	670.08	673.70	628.63	629.73	693.19
2023	682.80	686.96	726.02	809.56	818.87	853.31	794.87	829.78	830.78	834.01	786.66	788.67	853.31
2024	780.85	753.25	825.75	913.49	920.72	958.35	899.40	934.82	936.40	939.23	889.50	891.18	958.35
2025	831.36	807.52	877.11	969.48	979.29	1,015.51	956.04	992.01	994.23	995.50	946.56	946.29	1,015.51
2026	881.61	858.65	929.25	1,026.30	1,035.55	1,073.51	1,013.50	1,046.83	1,052.91	1,054.84	999.89	1,002.21	1,073.51
2027	934.02	908.51	983.67	1,085.58	1,095.34	1,134.07	1,073.47	1,107.38	1,114.15	1,115.61	1,057.91	1,060.57	1,134.07
2028	987.97	924.11	1,039.58	1,146.53	1,156.81	1,196.30	1,135.12	1,171.78	1,177.10	1,178.07	1,118.01	1,119.51	1,196.30
2029	1,046.60	992.27	1,101.54	1,214.05	1,224.90	1,265.22	1,203.40	1,241.16	1,246.82	1,247.26	1,183.62	1,187.01	1,265.22
2030	1,163.65	1,110.51	1,219.39	1,337.48	1,348.92	1,390.11	1,327.63	1,363.92	1,372.50	1,372.40	1,305.61	1,310.02	1,390.11
2031	1,444.69	1,391.62	1,502.26	1,626.30	1,638.35	1,680.44	1,617.27	1,652.13	1,663.68	1,663.01	1,592.89	1,597.08	1,680.44
2032	1,514.55	1,413.24	1,573.57	1,703.99	1,716.73	1,759.75	1,695.73	1,724.60	1,743.90	1,734.88	1,657.14	1,666.19	1,759.75
2033	1,577.96	1,537.36	1,646.38	1,783.31	1,796.74	1,840.64	1,775.99	1,805.62	1,825.83	1,816.20	1,734.79	1,744.26	1,840.64

Cuadro 38, Requerimiento de Energía de Edemet (GWh)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	Total
2013	49.55	55.39	60.23	73.69	76.67	65.99	51.08	52.78	53.00	53.48	40.50	85.03	717.37
2014	41.32	37.26	38.27	49.44	50.83	45.46	63.87	64.45	52.38	52.29	53.27	83.40	632.24
2015	49.97	60.31	71.57	76.64	98.68	89.28	76.52	77.57	63.08	64.48	60.52	82.84	871.46
2016	72.35	73.10	87.71	97.10	106.42	110.72	93.00	114.25	110.30	113.21	99.86	109.78	1,187.81
2017	119.51	113.91	134.13	143.90	151.91	157.96	140.43	153.49	145.96	151.10	135.79	144.77	1,692.85
2018	136.49	129.21	152.01	161.65	170.21	176.34	158.96	172.63	164.29	169.65	151.73	162.47	1,905.65
2019	184.77	175.48	205.22	217.79	229.95	237.66	214.79	232.54	221.44	228.33	206.02	220.97	2,574.95
2020	203.24	186.21	224.64	237.12	251.59	255.00	234.64	252.95	241.01	247.08	224.50	240.42	2,798.39
2021	214.96	191.33	237.60	251.18	268.08	268.22	247.47	267.65	254.08	260.23	236.66	253.04	2,950.50
2022	243.93	217.04	267.70	280.41	299.29	297.64	277.33	300.07	283.40	289.89	264.28	283.81	3,304.79
2023	321.94	287.96	347.58	355.20	377.40	372.38	353.45	376.36	357.39	364.99	336.88	362.05	4,213.58
2024	371.32	329.43	398.45	403.56	427.19	420.91	405.03	429.14	407.76	416.09	385.87	414.35	4,809.11
2025	398.41	343.83	426.32	431.11	457.34	448.84	430.99	455.84	433.37	441.45	411.07	440.44	5,119.02
2026	422.96	366.04	452.13	456.80	484.04	474.88	457.33	481.44	459.36	468.19	434.63	466.91	5,424.69
2027	448.57	387.69	479.06	483.59	512.42	502.06	484.81	509.72	486.48	495.57	460.25	494.53	5,744.75
2028	474.92	408.55	506.73	511.14	541.60	530.01	513.07	539.79	514.36	523.71	486.79	522.43	6,073.10
2029	503.56	424.06	537.40	541.66	573.91	560.94	544.37	572.18	545.24	554.89	515.77	554.38	6,428.37
2030	562.30	476.80	597.31	598.91	634.30	618.46	602.78	631.00	602.33	612.72	571.06	614.12	7,122.09
2031	705.73	604.33	743.54	735.14	777.64	754.44	741.30	771.44	736.85	749.32	703.48	755.94	8,779.15
2032	739.85	635.64	778.83	770.26	814.84	790.05	777.26	805.28	772.38	781.70	731.85	788.65	9,186.59
2033	770.82	667.62	814.87	806.12	852.82	826.36	814.05	843.11	808.67	818.34	766.15	825.60	9,614.54

5.2. Requerimientos de EDECHI

Cuadro 39, Requerimiento de Potencia de Edechi (MW)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	Max
2013	10.01	14.70	12.00	18.86	14.79	14.95	7.80	1.64	3.43	1.61	2.31	0.34	18.86
2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	0.00	0.00	0.00	0.00	1.21	7.71	6.32	3.52	6.96	4.22	3.90	0.00	7.71
2016	5.82	11.58	17.29	18.30	18.80	18.50	15.65	22.65	24.90	21.62	17.18	13.90	24.90
2017	37.97	51.33	53.79	52.41	51.90	55.97	56.06	59.25	61.86	57.83	53.43	47.98	61.86
2018	43.01	56.76	59.49	58.28	57.67	61.92	61.89	66.17	68.17	63.87	59.25	53.72	68.17
2019	66.54	80.55	83.56	82.52	81.64	85.91	86.88	90.54	92.91	88.32	83.49	77.88	92.91
2020	72.48	82.30	90.61	89.57	88.77	92.67	92.73	96.89	99.66	94.77	89.71	84.02	99.66
2021	110.18	125.31	129.32	128.29	127.39	129.96	129.87	135.10	137.30	132.12	126.86	121.12	137.30
2022	109.46	125.09	129.43	128.59	127.50	129.92	130.24	135.03	137.66	132.16	126.65	120.82	137.66
2023	113.13	129.27	134.14	133.33	132.04	134.29	134.63	140.33	142.04	136.61	130.85	124.92	142.04
2024	120.06	130.97	141.98	141.39	139.82	141.98	142.33	147.98	150.17	144.37	138.34	132.32	150.17
2025	127.31	144.57	150.18	149.84	147.97	150.02	150.57	155.99	158.67	152.50	146.18	140.06	158.67
2026	134.91	152.76	158.77	158.67	156.51	158.45	158.81	164.37	167.57	161.00	154.39	148.16	167.57
2027	142.83	161.31	167.74	167.90	165.44	167.25	167.41	173.12	176.86	169.88	162.96	157.51	176.86
2028	151.14	163.34	177.14	177.56	174.82	176.48	176.44	182.29	186.60	179.18	171.94	166.37	186.60
2029	159.83	179.65	186.97	187.67	184.64	185.95	186.44	191.87	196.79	188.92	181.33	175.64	196.79
2030	174.48	195.02	202.82	203.82	200.30	201.81	201.89	207.47	213.01	204.66	196.72	190.90	213.01
2031	209.33	230.61	239.29	240.22	236.42	237.73	237.57	243.30	249.50	240.65	232.34	226.38	249.50
2032	219.32	233.06	250.78	251.85	247.57	248.85	248.63	254.33	261.21	251.84	243.33	237.04	261.21
2033	229.76	252.65	262.77	264.00	259.99	260.49	260.17	265.85	273.45	263.53	254.62	247.82	273.45

Cuadro 40, Requerimiento de Energía de Edechi (GWh)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	Total
2013	22.37	22.27	24.37	23.39	23.11	22.31	16.47	14.53	13.69	13.85	13.98	22.47	232.82
2014	21.32	17.83	14.55	14.67	18.15	12.82	13.36	13.94	11.78	10.36	11.43	17.53	177.73
2015	13.11	13.26	15.73	12.15	16.41	15.12	15.49	12.98	12.79	10.12	12.32	18.43	167.90
2016	19.49	18.32	20.13	19.77	21.12	22.75	21.51	23.75	22.84	22.12	22.29	23.91	258.01
2017	27.08	27.30	29.69	28.32	29.51	29.65	30.26	30.13	28.95	27.84	28.40	29.21	346.31
2018	30.03	30.15	32.83	31.38	32.68	32.73	33.37	33.47	31.95	30.71	30.59	31.48	381.37
2019	39.16	39.84	43.55	41.68	43.28	43.47	44.74	44.73	42.89	41.06	41.71	42.80	508.91
2020	42.51	42.74	47.28	45.26	47.06	47.00	47.94	48.04	46.16	44.18	44.90	46.20	549.28
2021	60.26	60.68	66.64	63.86	66.38	65.85	67.17	67.69	64.66	61.87	63.00	65.04	773.10
2022	59.62	60.36	66.48	63.81	66.22	65.66	67.15	67.45	64.64	61.69	62.68	64.65	770.40
2023	61.62	62.37	68.91	66.16	68.59	67.88	69.42	70.11	66.69	63.77	64.75	66.85	797.12
2024	65.58	65.49	73.10	70.33	72.79	71.91	75.44	75.86	72.32	69.10	70.33	72.89	855.14
2025	71.68	71.74	79.32	76.46	79.05	77.89	79.86	80.02	76.47	73.04	74.37	77.21	917.11
2026	76.01	75.85	83.92	81.02	83.67	82.32	84.28	84.36	80.81	77.16	78.59	81.74	969.74
2027	80.54	80.15	88.71	85.79	88.50	86.94	88.90	88.90	85.33	81.46	83.01	86.96	1,025.20
2028	85.28	84.07	93.73	90.78	93.57	91.79	93.75	93.66	90.08	85.97	87.63	91.91	1,082.23
2029	90.24	89.36	98.99	96.00	98.88	96.77	99.12	98.64	95.05	90.69	92.47	97.08	1,143.28
2030	98.79	97.24	107.63	104.51	107.53	105.27	107.58	106.90	103.11	98.48	100.56	105.78	1,243.38
2031	119.52	115.86	127.91	124.06	127.85	124.92	127.52	126.25	121.61	116.63	119.66	126.41	1,478.20
2032	125.23	121.28	134.05	130.07	133.88	130.76	133.46	131.97	127.31	122.05	125.32	132.37	1,547.74
2033	131.19	126.93	140.46	136.34	140.60	136.87	139.65	137.95	133.28	127.72	131.13	138.39	1,620.52

5.3. Requerimientos de ENSA

Cuadro 41, Requerimiento de Potencia de Ensa (MW)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	Max
2013	0.84	0.12	0.72	0.91	0.57	0.60	0.00	0.22	0.78	0.06	0.00	1.43	1.43
2014	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66
2015	0.00	0.00	0.00	0.00	2.39	31.59	10.56	8.88	17.96	11.48	9.44	0.00	31.59
2016	31.96	39.43	65.23	69.18	81.10	112.52	59.46	91.30	108.57	90.59	67.32	77.39	112.52
2017	155.68	178.82	190.67	189.77	203.79	258.89	198.62	217.79	238.00	216.06	191.09	199.83	258.89
2018	180.27	204.36	216.71	215.78	230.38	289.72	226.79	246.81	267.92	245.00	218.93	228.06	289.72
2019	299.63	324.74	337.60	336.63	351.84	413.68	348.11	368.97	390.96	367.08	339.91	349.42	413.68
2020	346.44	348.53	386.00	384.98	400.83	465.26	396.94	418.68	441.59	416.71	388.41	398.32	465.26
2021	417.02	444.23	458.17	457.12	473.61	534.45	463.91	486.35	510.00	484.32	455.09	465.33	534.45
2022	433.56	461.80	476.27	475.18	492.29	555.44	482.23	505.52	530.07	503.41	473.08	483.70	555.44
2023	488.00	517.31	532.33	531.20	548.96	614.50	543.60	567.77	593.26	565.59	534.10	545.13	614.50
2024	639.92	642.35	685.93	684.75	703.19	771.21	692.34	717.43	743.88	715.16	682.48	693.93	771.21
2025	669.42	701.00	717.17	715.95	735.08	805.68	723.83	749.86	777.31	747.51	713.60	725.47	805.68
2026	698.57	731.28	748.04	746.77	766.59	839.72	754.93	781.91	810.34	779.46	744.34	756.64	839.72
2027	728.71	762.60	779.95	778.64	799.17	874.93	787.10	815.03	844.49	812.51	776.12	788.86	874.93
2028	759.88	762.69	812.96	811.60	832.86	911.33	820.35	849.29	879.81	846.67	808.99	822.18	911.33
2029	792.11	828.47	847.09	845.68	867.71	948.98	854.75	884.73	916.33	882.01	842.97	856.64	948.98
2030	847.60	885.25	904.54	903.08	925.89	1,010.07	912.47	943.52	976.25	940.71	900.28	914.43	1,010.07
2031	1,001.38	1,040.38	1,060.35	1,058.84	1,082.47	1,169.65	1,068.57	1,100.72	1,134.62	1,097.81	1,055.94	1,070.60	1,169.65
2032	1,036.98	1,040.21	1,098.05	1,096.48	1,120.95	1,211.23	1,106.56	1,139.85	1,174.96	1,136.84	1,093.48	1,108.66	1,211.23
2033	1,073.81	1,115.62	1,137.04	1,135.43	1,160.76	1,254.24	1,145.86	1,180.34	1,216.69	1,177.21	1,132.31	1,148.04	1,254.24

Cuadro 42, Requerimiento de Energía de Ensa (GWh)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	Total
2013	5.45	14.30	19.05	18.21	23.27	34.00	14.12	25.52	27.85	22.91	9.22	37.73	251.61
2014	29.60	27.73	29.84	29.78	35.43	46.49	28.49	31.97	29.27	23.23	9.93	29.69	351.45
2015	11.17	25.07	36.93	33.52	53.10	62.45	40.22	46.75	43.44	37.68	31.30	46.97	468.60
2016	31.70	33.00	49.15	48.15	56.30	75.69	52.33	69.34	73.35	67.54	54.55	63.16	674.26
2017	68.66	71.88	87.06	81.15	91.86	111.34	85.46	96.23	100.12	93.33	78.74	88.17	1,054.01
2018	81.69	83.93	100.89	94.09	105.66	125.85	99.19	110.56	114.03	107.32	91.57	102.01	1,216.79
2019	146.70	142.32	166.89	155.92	170.54	187.19	161.09	173.82	174.09	169.19	151.24	165.72	1,964.71
2020	171.96	159.51	193.01	180.38	196.40	212.33	185.71	199.24	198.46	194.03	174.79	190.98	2,256.79
2021	210.01	199.62	231.90	216.80	234.71	247.85	221.11	235.58	233.09	229.55	208.74	227.29	2,696.26
2022	218.40	207.57	241.12	225.42	244.03	257.64	229.90	244.92	242.31	238.66	217.04	236.32	2,803.33
2023	247.83	234.27	271.44	253.81	273.99	286.70	261.21	277.13	273.09	270.14	247.04	268.44	3,165.08
2024	331.44	306.67	356.02	333.06	357.02	365.25	338.77	356.33	348.09	347.62	321.63	348.01	4,109.91
2025	347.55	324.06	373.06	349.01	374.02	382.32	354.36	372.63	363.91	363.52	336.47	364.02	4,304.95
2026	362.87	338.23	389.30	364.20	390.24	398.65	369.77	388.73	379.54	379.24	351.13	379.84	4,491.72
2027	378.71	352.88	406.10	379.92	407.00	415.52	385.69	405.37	395.70	395.48	366.29	396.19	4,684.85
2028	395.09	365.52	423.46	396.17	424.34	432.98	402.16	422.58	412.41	412.28	381.96	413.10	4,882.06
2029	412.03	383.69	441.42	412.98	442.27	451.03	419.19	440.38	429.69	429.66	398.18	430.59	5,091.10
2030	441.87	410.85	472.33	441.91	472.87	480.93	448.41	470.57	458.64	459.15	426.12	460.57	5,444.21
2031	526.33	486.64	557.95	522.13	556.99	560.74	529.12	553.02	536.85	539.80	503.66	543.33	6,416.57
2032	545.04	503.94	577.78	540.69	576.79	580.68	547.93	572.68	555.93	558.98	521.57	562.65	6,644.66
2033	564.40	521.84	598.30	559.89	597.27	601.30	567.39	593.02	575.68	578.84	540.09	582.63	6,880.66

Esta página fue dejada en blanco a propósito

6. Necesidades de Contratación de Potencia y Energía

Las necesidades de contratación, que servirán para determinar el programa de realización de Actos de Concurrencia, se medirán en base a los plazos de duración de los contratos y al cumplimiento al menos con los siguientes porcentajes de contratación para la potencia y la energía, considerando una tolerancia de menos 5%.

Cuadro 43, Porcentaje de Contratación Regulatorio

Años Corrientes	% de Cont. Regulatorio	Años
1-2	100%	2013-2014
3-4	90%	2015-2016
5-6	80%	2017-2018
7-8	70%	2019-2020
9-10	60%	2021-2022
11-12	50%	2023-2024
13-14	40%	2025-2026
15-21	30%	2027-2033

Cumpliendo con los porcentajes de contratación regulatorios establecidos en las Reglas de Compra como se muestra en el Cuadro 43 y considerando la tolerancia de menos 5%, las necesidades mínimas de contratación para el periodo de 2013 a 2033 serian las siguientes.

6.1. Necesidades de Contratación de EDEMET

Cuadro 44, Necesidades Mínimas de Potencia de Edemet (MW)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2013	0.00	0.00	0.00	0.00	0.00	0.00	25.57	3.82	6.20	3.62	4.73	7.59
2014	2.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	0.00	0.00	0.00	0.00	3.27	30.84	16.58	10.43	20.32	15.55	12.95	0.00
2016	35.41	52.51	66.73	88.72	99.06	125.30	76.48	116.64	120.89	124.65	96.38	100.78
2017	175.51	192.78	201.22	247.40	249.07	281.78	237.17	259.06	259.95	265.68	238.29	236.67
2018	201.17	218.66	227.83	276.37	277.33	313.12	268.51	290.71	291.94	297.40	267.58	267.20
2019	263.35	280.44	287.32	331.59	333.35	365.65	325.24	344.77	346.13	350.70	323.90	324.07
2020	287.93	286.64	312.84	359.41	363.02	390.91	353.62	373.41	375.09	377.94	351.31	350.99
2021	259.13	259.49	281.14	322.73	327.75	345.70	314.06	332.38	332.68	334.87	311.89	311.15
2022	291.21	291.51	314.05	357.75	363.38	381.25	349.34	370.02	368.55	370.54	345.75	346.35
2023	307.26	309.13	326.71	364.30	368.49	383.99	357.69	373.40	373.85	375.31	354.00	354.90
2024	351.38	338.96	371.59	411.07	414.32	431.26	404.73	420.67	421.38	422.65	400.28	401.03
2025	290.98	282.63	306.99	339.32	342.75	355.43	334.61	347.20	347.98	348.43	331.30	331.20
2026	308.56	300.53	325.24	359.21	362.44	375.73	354.73	366.39	368.52	369.19	349.96	350.77
2027	233.51	227.13	245.92	271.40	273.83	283.52	268.37	276.85	278.54	278.90	264.48	265.14
2028	246.99	231.03	259.89	286.63	289.20	299.08	283.78	292.95	294.27	294.52	279.50	279.88
2029	261.65	248.07	275.38	303.51	306.22	316.30	300.85	310.29	311.71	311.82	295.91	296.75
2030	290.91	277.63	304.85	334.37	337.23	347.53	331.91	340.98	343.13	343.10	326.40	327.51
2031	361.17	347.90	375.56	406.58	409.59	420.11	404.32	413.03	415.92	415.75	398.22	399.27
2032	378.64	353.31	393.39	426.00	429.18	439.94	423.93	431.15	435.97	433.72	414.29	416.55
2033	394.49	384.34	411.59	445.83	449.18	460.16	444.00	451.40	456.46	454.05	433.70	436.07

Cuadro 45, Necesidades Mínimas de Energía de Edemet (GWh)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2013	47.07	52.62	57.22	70.00	72.83	62.69	48.53	50.14	50.35	50.81	38.47	80.78
2014	39.25	35.39	36.36	46.97	48.29	43.19	60.67	61.23	49.76	49.68	50.61	79.23
2015	42.47	51.27	60.83	65.15	83.88	75.88	65.04	65.93	53.62	54.81	51.45	70.41
2016	61.50	62.14	74.55	82.54	90.45	94.11	79.05	97.12	93.76	96.23	84.88	93.32
2017	89.63	85.43	100.60	107.93	113.94	118.47	105.32	115.11	109.47	113.33	101.84	108.58
2018	102.37	96.91	114.01	121.24	127.66	132.26	119.22	129.47	123.21	127.24	113.80	121.85
2019	120.10	114.06	133.39	141.56	149.47	154.48	139.61	151.15	143.94	148.42	133.91	143.63
2020	132.10	121.03	146.02	154.13	163.53	165.75	152.51	164.42	156.66	160.60	145.92	156.27
2021	118.23	105.23	130.68	138.15	147.45	147.52	136.11	147.21	139.74	143.13	130.16	139.17
2022	134.16	119.37	147.24	154.22	164.61	163.70	152.53	165.04	155.87	159.44	145.35	156.09
2023	144.87	129.58	156.41	159.84	169.83	167.57	159.05	169.36	160.83	164.25	151.60	162.92
2024	167.10	148.24	179.30	181.60	192.23	189.41	182.26	193.11	183.49	187.24	173.64	186.46
2025	139.45	120.34	149.21	150.89	160.07	157.09	150.85	159.55	151.68	154.51	143.88	154.15
2026	148.04	128.11	158.24	159.88	169.41	166.21	160.06	168.50	160.78	163.87	152.12	163.42
2027	112.14	96.92	119.76	120.90	128.10	125.52	121.20	127.43	121.62	123.89	115.06	123.63
2028	118.73	102.14	126.68	127.79	135.40	132.50	128.27	134.95	128.59	130.93	121.70	130.61
2029	125.89	106.02	134.35	135.42	143.48	140.24	136.09	143.05	136.31	138.72	128.94	138.59
2030	140.58	119.20	149.33	149.73	158.58	154.61	150.70	157.75	150.58	153.18	142.76	153.53
2031	176.43	151.08	185.88	183.79	194.41	188.61	185.32	192.86	184.21	187.33	175.87	188.98
2032	184.96	158.91	194.71	192.56	203.71	197.51	194.32	201.32	193.10	195.43	182.96	197.16
2033	192.71	166.91	203.72	201.53	213.21	206.59	203.51	210.78	202.17	204.59	191.54	206.40

6.2. Necesidades de Contratación de EDECHI

Cuadro 46, Necesidades Mínimas de Potencia de Edechi (MW)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2013	9.51	13.97	11.40	17.92	14.05	14.20	7.41	1.56	3.26	1.53	2.20	0.32
2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	0.00	0.00	0.00	0.00	1.03	6.55	5.37	2.99	5.91	3.59	3.31	0.00
2016	4.94	9.84	14.70	15.55	15.98	15.72	13.30	19.25	21.17	18.37	14.60	11.82
2017	28.47	38.50	40.34	39.31	38.92	41.98	42.04	44.44	46.39	43.37	40.07	35.98
2018	32.26	42.57	44.62	43.71	43.25	46.44	46.41	49.63	51.13	47.90	44.44	40.29
2019	43.25	52.36	54.32	53.64	53.07	55.84	56.47	58.85	60.39	57.41	54.27	50.63
2020	47.11	53.49	58.90	58.22	57.70	60.24	60.28	62.98	64.78	61.60	58.31	54.62
2021	60.60	68.92	71.13	70.56	70.06	71.48	71.43	74.30	75.51	72.67	69.77	66.62
2022	60.20	68.80	71.18	70.73	70.13	71.46	71.63	74.27	75.71	72.69	69.66	66.45
2023	50.91	58.17	60.36	60.00	59.42	60.43	60.58	63.15	63.92	61.47	58.88	56.21
2024	54.03	58.93	63.89	63.63	62.92	63.89	64.05	66.59	67.57	64.97	62.25	59.54
2025	44.56	50.60	52.56	52.44	51.79	52.51	52.70	54.60	55.53	53.37	51.16	49.02
2026	47.22	53.47	55.57	55.54	54.78	55.46	55.58	57.53	58.65	56.35	54.04	51.85
2027	35.71	40.33	41.94	41.97	41.36	41.81	41.85	43.28	44.22	42.47	40.74	39.38
2028	37.79	40.83	44.29	44.39	43.70	44.12	44.11	45.57	46.65	44.80	42.99	41.59
2029	39.96	44.91	46.74	46.92	46.16	46.49	46.61	47.97	49.20	47.23	45.33	43.91
2030	43.62	48.75	50.70	50.95	50.08	50.45	50.47	51.87	53.25	51.17	49.18	47.73
2031	52.33	57.65	59.82	60.06	59.10	59.43	59.39	60.83	62.37	60.16	58.08	56.60
2032	54.83	58.27	62.69	62.96	61.89	62.21	62.16	63.58	65.30	62.96	60.83	59.26
2033	57.44	63.16	65.69	66.00	65.00	65.12	65.04	66.46	68.36	65.88	63.66	61.96

Cuadro 47, Necesidades Mínimas de Energía de Edechi (GWh)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2013	21.25	21.16	23.15	22.22	21.96	21.20	15.64	13.81	13.00	13.16	13.28	21.35
2014	20.25	16.94	13.83	13.94	17.24	12.18	12.69	13.24	11.19	9.84	10.86	16.66
2015	11.14	11.27	13.37	10.33	13.95	12.85	13.17	11.03	10.87	8.60	10.47	15.66
2016	16.57	15.57	17.11	16.80	17.95	19.34	18.28	20.19	19.41	18.80	18.95	20.33
2017	20.31	20.47	22.26	21.24	22.13	22.24	22.69	22.59	21.71	20.88	21.30	21.91
2018	22.52	22.61	24.62	23.54	24.51	24.55	25.03	25.10	23.97	23.04	22.94	23.61
2019	25.45	25.90	28.31	27.09	28.13	28.25	29.08	29.08	27.88	26.69	27.11	27.82
2020	27.63	27.78	30.73	29.42	30.59	30.55	31.16	31.23	30.01	28.71	29.19	30.03
2021	33.14	33.37	36.65	35.12	36.51	36.22	36.94	37.23	35.56	34.03	34.65	35.77
2022	32.79	33.20	36.57	35.09	36.42	36.12	36.93	37.10	35.55	33.93	34.47	35.56
2023	27.73	28.07	31.01	29.77	30.86	30.54	31.24	31.55	30.01	28.70	29.14	30.08
2024	29.51	29.47	32.90	31.65	32.76	32.36	33.95	34.14	32.54	31.10	31.65	32.80
2025	25.09	25.11	27.76	26.76	27.67	27.26	27.95	28.01	26.76	25.56	26.03	27.02
2026	26.60	26.55	29.37	28.36	29.29	28.81	29.50	29.53	28.28	27.01	27.51	28.61
2027	20.13	20.04	22.18	21.45	22.13	21.74	22.23	22.23	21.33	20.37	20.75	21.74
2028	21.32	21.02	23.43	22.70	23.39	22.95	23.44	23.42	22.52	21.49	21.91	22.98
2029	22.56	22.34	24.75	24.00	24.72	24.19	24.78	24.66	23.76	22.67	23.12	24.27
2030	24.70	24.31	26.91	26.13	26.88	26.32	26.89	26.72	25.78	24.62	25.14	26.45
2031	29.88	28.97	31.98	31.02	31.96	31.23	31.88	31.56	30.40	29.16	29.91	31.60
2032	31.31	30.32	33.51	32.52	33.47	32.69	33.36	32.99	31.83	30.51	31.33	33.09
2033	32.80	31.73	35.12	34.09	35.15	34.22	34.91	34.49	33.32	31.93	32.78	34.60

6.3. Necesidades de Contratación de ENSA

Cuadro 48, Necesidades Mínimas de Potencia de Ensa (MW)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2013	0.80	0.12	0.69	0.87	0.54	0.57	0.00	0.21	0.74	0.06	0.00	1.36
2014	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	0.00	0.00	0.00	0.00	2.03	26.85	8.97	7.54	15.27	9.76	8.03	0.00
2016	27.17	33.52	55.45	58.80	68.94	95.64	50.54	77.61	92.28	77.00	57.22	65.79
2017	116.76	134.11	143.00	142.33	152.85	194.17	148.97	163.34	178.50	162.04	143.32	149.87
2018	135.20	153.27	162.53	161.83	172.78	217.29	170.09	185.11	200.94	183.75	164.20	171.04
2019	194.76	211.08	219.44	218.81	228.70	268.89	226.27	239.83	254.12	238.60	220.94	227.13
2020	225.18	226.54	250.90	250.24	260.54	302.42	258.01	272.14	287.03	270.86	252.46	258.91
2021	229.36	244.33	251.99	251.42	260.48	293.95	255.15	267.49	280.50	266.37	250.30	255.93
2022	238.46	253.99	261.95	261.35	270.76	305.49	265.22	278.03	291.54	276.87	260.19	266.03
2023	219.60	232.79	239.55	239.04	247.03	276.53	244.62	255.50	266.97	254.51	240.35	245.31
2024	287.96	289.06	308.67	308.14	316.43	347.04	311.55	322.84	334.75	321.82	307.12	312.27
2025	234.30	245.35	251.01	250.58	257.28	281.99	253.34	262.45	272.06	261.63	249.76	253.92
2026	244.50	255.95	261.81	261.37	268.31	293.90	264.23	273.67	283.62	272.81	260.52	264.82
2027	182.18	190.65	194.99	194.66	199.79	218.73	196.77	203.76	211.12	203.13	194.03	197.22
2028	189.97	190.67	203.24	202.90	208.22	227.83	205.09	212.32	219.95	211.67	202.25	205.55
2029	198.03	207.12	211.77	211.42	216.93	237.24	213.69	221.18	229.08	220.50	210.74	214.16
2030	211.90	221.31	226.13	225.77	231.47	252.52	228.12	235.88	244.06	235.18	225.07	228.61
2031	250.35	260.09	265.09	264.71	270.62	292.41	267.14	275.18	283.66	274.45	263.99	267.65
2032	259.25	260.05	274.51	274.12	280.24	302.81	276.64	284.96	293.74	284.21	273.37	277.16
2033	268.45	278.91	284.26	283.86	290.19	313.56	286.46	295.08	304.17	294.30	283.08	287.01

Cuadro 49, Necesidades Mínimas de Energía de Ensa (GWh)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2013	5.18	13.58	18.10	17.30	22.11	32.30	13.41	24.24	26.45	21.76	8.76	35.84
2014	28.12	26.34	28.35	28.29	33.66	44.17	27.07	30.38	27.80	22.07	9.43	28.20
2015	9.50	21.31	31.39	28.49	45.14	53.09	34.18	39.73	36.92	32.03	26.61	39.93
2016	26.95	28.05	41.78	40.93	47.85	64.33	44.48	58.94	62.35	57.41	46.37	53.69
2017	51.49	53.91	65.30	60.86	68.90	83.51	64.10	72.17	75.09	70.00	59.05	66.13
2018	61.26	62.95	75.67	70.56	79.25	94.39	74.39	82.92	85.52	80.49	68.68	76.51
2019	95.36	92.51	108.48	101.35	110.85	121.67	104.71	112.98	113.16	109.97	98.31	107.72
2020	111.77	103.68	125.46	117.25	127.66	138.01	120.71	129.50	129.00	126.12	113.61	124.13
2021	115.51	109.79	127.54	119.24	129.09	136.32	121.61	129.57	128.20	126.25	114.81	125.01
2022	120.12	114.16	132.62	123.98	134.22	141.70	126.44	134.70	133.27	131.26	119.37	129.98
2023	111.52	105.42	122.15	114.22	123.29	129.02	117.54	124.71	122.89	121.56	111.17	120.80
2024	149.15	138.00	160.21	149.88	160.66	164.36	152.45	160.35	156.64	156.43	144.73	156.61
2025	121.64	113.42	130.57	122.15	130.91	133.81	124.03	130.42	127.37	127.23	117.76	127.41
2026	127.00	118.38	136.26	127.47	136.58	139.53	129.42	136.05	132.84	132.73	122.89	132.94
2027	94.68	88.22	101.52	94.98	101.75	103.88	96.42	101.34	98.92	98.87	91.57	99.05
2028	98.77	91.38	105.87	99.04	106.08	108.24	100.54	105.65	103.10	103.07	95.49	103.28
2029	103.01	95.92	110.36	103.24	110.57	112.76	104.80	110.10	107.42	107.41	99.54	107.65
2030	110.47	102.71	118.08	110.48	118.22	120.23	112.10	117.64	114.66	114.79	106.53	115.14
2031	131.58	121.66	139.49	130.53	139.25	140.19	132.28	138.26	134.21	134.95	125.92	135.83
2032	136.26	125.99	144.45	135.17	144.20	145.17	136.98	143.17	138.98	139.75	130.39	140.66
2033	141.10	130.46	149.58	139.97	149.32	150.33	141.85	148.25	143.92	144.71	135.02	145.66

7. Nuevos Actos de Contratación Programados

Para el año 2013, la demanda máxima de generación de las empresas distribuidoras (EDEMET, EDECHI, ENSA) que no esté cubierta con contratos será asignada al Servicio Auxiliar de Reserva de Largo realizado por el CND.

Se tienen programados realizar los Actos de Concurrencia siguientes:

7.1. Contrataciones de Largo Plazo

Acto LPI N° ETESA 06-12 para la contratación de potencia con energía asociada exclusivo para plantas de carbón para el periodo 2016-2031. El calendario propuesto es el siguiente:

1. Remisión del pliego a la ASEP: 18 de octubre de 2012.
2. Reunión aclaratoria: 8 de enero de 2013.
3. Recepción de ofertas: 21 de febrero de 2013.

Montos correspondientes para cada empresa distribuidora.

Cuadro 50, Potencia Solicitada por Empresa de Distribución LPI 06-12

Empresa	Fecha		Potencia
	Inicio	Final	MW
EDEMET	01/01/2017	31/12/2031	135
EDECHI	01/01/2017	31/12/2031	15
ENSA	01/01/2017	31/12/2031	75
Total			225

Acto LPI N° ETESA 07-12 para la contratación de Solo Energía exclusivo para plantas hidroeléctricas para el periodo 2013-2027. El calendario propuesto es el siguiente:

1. Remisión del pliego a la ASEP: 5 de diciembre de 2012.
2. Reunión aclaratoria: 10 de enero de 2013.
3. Recepción de ofertas: 29 de enero de 2013.

Montos correspondientes para cada empresa distribuidora.

Cuadro 51, Potencia Equivalente Solicitada de Edemet (MW) LPI 07-12

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2013	0	0	32	36	59	77	55	59	67	70	65	51
2014	35	28	24	26	43	58	56	59	67	70	65	51
2015	35	28	24	26	43	58	56	59	67	70	65	51
2016	35	27	24	26	43	58	55	59	67	69	65	51
2017	35	28	24	26	43	58	55	59	67	69	65	51
2018	35	28	24	26	43	58	55	59	67	69	65	51
2019	35	28	24	26	43	58	55	59	67	69	65	51
2020	35	27	24	26	43	58	55	59	67	69	65	51
2021	35	28	24	26	43	58	55	59	66	69	65	51
2022	35	28	24	26	43	58	55	59	66	69	65	51
2023	35	28	24	26	43	58	55	59	66	69	65	51
2024	35	27	24	26	43	58	55	59	66	69	65	51
2025	35	28	24	26	43	58	55	59	66	69	65	51
2026	35	28	24	26	43	58	55	59	66	69	65	51
2027	35	28	24	26	43	58	55	59	66	69	65	51

Cuadro 52, Potencia Equivalente Solicitada de Edechi (MW) LPI 07-12

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2013	0	0	0	0	0	0	17	19	22	23	20	16
2014	11	9	8	8	14	18	17	19	22	20	20	16
2015	11	9	8	8	14	18	17	19	22	20	20	16
2016	11	8	8	8	13	17	17	19	22	23	20	16
2017	11	8	8	8	13	17	17	19	22	23	20	16
2018	11	8	8	8	13	17	17	19	22	23	20	16
2019	11	8	8	8	13	17	17	19	22	23	20	16
2020	11	8	8	8	13	17	17	19	22	23	20	16
2021	11	8	8	8	13	17	17	19	22	23	20	16
2022	11	8	8	8	13	17	17	19	22	23	20	16
2023	11	8	8	8	13	17	17	19	22	23	20	16
2024	11	8	8	8	13	17	17	19	22	23	20	16
2025	11	8	8	8	13	17	17	19	22	23	20	16
2026	11	8	8	8	13	17	17	19	22	23	20	16
2027	11	8	8	8	13	17	17	19	22	23	20	16

Cuadro 53, Potencia Equivalente Solicitada de Ensa (MW) LPI 07-12

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2013	0	0	14	12	17	22	22	23	25	26	18	21
2014	16	14	13	12	17	22	22	23	24	26	20	21
2015	15	13	13	12	16	22	22	23	24	25	27	21
2016	15	13	13	12	16	21	22	22	24	25	27	21
2017	15	13	13	12	16	21	22	22	24	25	27	21
2018	15	13	13	11	16	21	22	22	24	25	27	21
2019	15	13	13	11	16	21	22	22	24	25	27	21
2020	15	13	13	11	16	21	22	22	24	25	27	21
2021	15	13	13	12	16	21	21	22	24	25	27	21
2022	15	13	13	12	16	21	21	22	24	25	27	21
2023	15	13	13	12	16	21	21	22	24	25	27	21
2024	15	13	13	12	16	21	21	22	24	25	27	21
2025	15	13	13	12	16	21	21	22	24	25	27	21
2026	15	13	13	12	16	21	21	22	24	25	27	21
2027	15	13	13	12	16	21	21	22	24	25	27	21

Cuadro 54, Potencia Equivalente Solicitada Total (MW) LPI 07-12

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2013	0	0	46	48	76	99	94	101	113	119	104	88
2014	61	51	45	47	74	98	95	101	113	116	105	88
2015	61	51	45	46	73	97	95	101	113	115	112	88
2016	60	48	44	46	72	97	94	100	112	118	112	87
2017	60	50	44	46	72	97	94	100	112	118	112	87
2018	60	50	44	46	72	97	94	100	112	118	112	87
2019	60	50	44	46	72	97	94	100	112	118	112	87
2020	60	48	44	46	72	97	94	100	112	118	112	87
2021	60	50	44	46	72	96	94	100	111	117	111	87
2022	60	50	44	46	72	96	94	100	111	117	111	87
2023	60	50	44	46	72	96	94	100	111	117	111	87
2024	60	48	44	46	72	96	94	100	111	117	111	87
2025	60	50	44	46	72	96	94	100	111	117	111	87
2026	60	50	44	46	72	96	94	100	111	117	111	87
2027	60	50	44	46	72	96	94	100	111	117	111	87

Acto LPI N° ETESA 01-13 para la contratación de potencia con energía asociada exclusivo para plantas de GNL para el periodo 2017-2036. El calendario propuesto es el siguiente:

1. Remisión del pliego a la ASEP: 15 de enero de 2013.
2. Reunión aclaratoria: 26 de febrero de 2013.
3. Recepción de ofertas: 30 de abril de 2013.

Montos correspondientes para cada empresa distribuidora.

Cuadro 55, Potencia Solicitada por Empresa de Distribución LPI 01-13

Fecha		Empresa			Total
Inicio	Final	EDEMET	EDECHI	ENSA	MW
01/03/2017	31/12/2018	125	25	100	250
01/01/2019	31/12/2020	200	40	160	400
01/01/2021	31/12/2036	275	55	220	550

Acto LPI N° ETESA 03-13 para la contratación de solo energía exclusivo para plantas eólicas para el periodo 2017-2031. El calendario propuesto es el siguiente:

1. Remisión del pliego a la ASEP: 1 de julio de 2013.
2. Reunión aclaratoria: 2 de septiembre de 2013.
3. Recepción de ofertas: 16 de octubre de 2013.

Montos correspondientes para cada empresa distribuidora.

Cuadro 56, Potencia Equivalente Solicitada de Edemet (MW) LPI 03-13

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2017	30.92	30.44	28.61	20.89	13.92	6.34	8.28	8.13	8.57	8.42	12.89	24.05
2018	30.89	30.41	28.59	20.87	13.91	6.35	8.29	8.14	8.58	8.44	12.91	24.09
2019	30.89	30.41	28.59	20.87	13.91	6.35	8.29	8.14	8.58	8.44	12.91	24.09
2020	30.89	29.36	28.59	20.87	13.91	6.35	8.29	8.14	8.58	8.44	12.91	24.09
2021	30.96	30.47	28.65	20.91	13.94	6.32	8.25	8.10	8.54	8.39	12.84	23.96
2022	30.96	30.47	28.65	20.91	13.94	6.32	8.25	8.10	8.54	8.39	12.84	23.96
2023	30.96	30.47	28.65	20.91	13.94	6.32	8.25	8.10	8.54	8.39	12.84	23.96
2024	30.96	29.42	28.65	20.91	13.94	6.32	8.25	8.10	8.54	8.39	12.84	23.96
2025	30.96	30.47	28.65	20.91	13.94	6.32	8.25	8.10	8.54	8.39	12.84	23.96
2026	30.96	30.47	28.65	20.91	13.94	6.32	8.25	8.10	8.54	8.39	12.84	23.96
2027	30.96	30.47	28.65	20.91	13.94	6.32	8.25	8.10	8.54	8.39	12.84	23.96
2028	30.96	29.42	28.65	20.91	13.94	6.32	8.25	8.10	8.54	8.39	12.84	23.96
2029	30.96	30.47	28.65	20.91	13.94	6.32	8.25	8.10	8.54	8.39	12.84	23.96
2030	30.96	30.47	28.65	20.91	13.94	6.32	8.25	8.10	8.54	8.39	12.84	23.96
2031	30.96	30.47	28.65	20.91	13.94	6.32	8.25	8.10	8.54	8.39	12.84	23.96

Cuadro 57, Potencia Equivalente Solicitada de Edechi (MW) LPI 03-13

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2017	16.24	16.77	16.72	11.42	7.54	3.30	4.82	4.60	5.44	5.04	7.31	12.95
2018	16.27	16.78	16.73	11.42	7.53	3.30	4.84	4.57	5.44	5.04	7.31	12.95
2019	16.23	16.21	16.76	11.43	7.56	3.31	4.81	4.57	5.44	5.04	7.31	12.96
2020	16.27	16.81	16.78	11.45	7.56	3.29	4.79	4.57	5.41	5.01	7.27	12.88
2021	16.28	16.82	16.77	11.45	7.56	3.29	4.81	4.55	5.41	5.01	7.27	12.89
2022	16.28	16.82	16.78	11.45	7.56	3.29	4.80	4.57	5.40	5.01	7.27	12.89
2023	16.29	16.25	16.77	11.45	7.56	3.29	4.80	4.55	5.41	5.02	7.28	12.89
2024	16.29	16.83	16.77	11.45	7.56	3.29	4.81	4.55	5.41	5.02	7.28	12.89
2025	16.28	16.83	16.77	11.45	7.56	3.29	4.80	4.55	5.41	5.02	7.28	12.89
2026	16.28	16.83	16.77	11.45	7.56	3.29	4.79	4.55	5.41	5.02	7.28	12.95
2027	16.28	16.25	16.77	11.45	7.56	3.29	4.80	4.55	5.41	5.02	7.28	12.89
2028	16.28	16.83	16.77	11.45	7.56	3.29	4.81	4.55	5.41	5.02	7.28	12.89
2029	16.28	16.83	16.77	11.45	7.55	3.29	4.80	4.55	5.41	5.02	7.28	12.89
2030	16.28	16.83	16.79	11.44	7.56	3.29	4.80	4.55	5.41	5.02	7.28	12.89
2031	16.28	16.25	16.78	11.44	7.55	3.29	4.80	4.55	5.41	5.02	7.28	12.89

Cuadro 58, Potencia Equivalente Solicitada de Ensa (MW) LPI 03-13

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2017	28.10	28.75	27.08	19.03	12.62	5.76	8.32	7.52	8.91	7.90	12.56	22.66
2018	28.07	28.72	27.05	19.01	12.61	5.77	8.33	7.54	8.92	7.92	12.58	22.70
2019	28.07	28.72	27.05	19.01	12.61	5.77	8.33	7.54	8.92	7.92	12.58	22.70
2020	28.07	27.73	27.05	19.01	12.61	5.77	8.33	7.54	8.92	7.92	12.58	22.70
2021	28.13	28.78	27.11	19.05	12.63	5.74	8.29	7.50	8.88	7.87	12.51	22.57
2022	28.13	28.78	27.11	19.05	12.63	5.74	8.29	7.50	8.88	7.87	12.51	22.57
2023	28.13	28.78	27.11	19.05	12.63	5.74	8.29	7.50	8.88	7.87	12.51	22.57
2024	28.13	27.79	27.11	19.05	12.63	5.74	8.29	7.50	8.88	7.87	12.51	22.57
2025	28.13	28.78	27.11	19.05	12.63	5.74	8.29	7.50	8.88	7.87	12.51	22.57
2026	28.13	28.78	27.11	19.05	12.63	5.74	8.29	7.50	8.88	7.87	12.51	22.57
2027	28.13	28.78	27.11	19.05	12.63	5.74	8.29	7.50	8.88	7.87	12.51	22.57
2028	28.13	27.79	27.11	19.05	12.63	5.74	8.29	7.50	8.88	7.87	12.51	22.57
2029	28.13	28.78	27.11	19.05	12.63	5.74	8.29	7.50	8.88	7.87	12.51	22.57
2030	28.13	28.78	27.11	19.05	12.63	5.74	8.29	7.50	8.88	7.87	12.51	22.57
2031	28.13	28.78	27.11	19.05	12.63	5.74	8.29	7.50	8.88	7.87	12.51	22.57

Cuadro 59, Potencia Equivalente Solicitada Total (MW) LPI 03-13

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2017	75.26	75.96	72.42	51.34	34.08	15.40	21.41	20.25	22.91	21.36	32.76	59.66
2018	75.23	75.90	72.36	51.30	34.05	15.43	21.47	20.25	22.94	21.39	32.80	59.74
2019	75.20	75.33	72.40	51.31	34.07	15.43	21.43	20.25	22.95	21.40	32.81	59.75
2020	75.24	73.90	72.42	51.32	34.07	15.41	21.42	20.25	22.91	21.37	32.76	59.67
2021	75.38	76.08	72.52	51.42	34.13	15.34	21.35	20.14	22.82	21.28	32.63	59.43
2022	75.37	76.07	72.54	51.41	34.13	15.34	21.33	20.17	22.81	21.28	32.63	59.42
2023	75.38	75.50	72.53	51.42	34.13	15.35	21.34	20.14	22.82	21.28	32.63	59.43
2024	75.38	74.04	72.53	51.42	34.13	15.35	21.34	20.14	22.82	21.28	32.63	59.43
2025	75.38	76.08	72.53	51.42	34.13	15.35	21.33	20.14	22.82	21.28	32.63	59.43
2026	75.38	76.08	72.53	51.41	34.13	15.35	21.33	20.14	22.82	21.28	32.63	59.49
2027	75.38	75.50	72.53	51.41	34.13	15.35	21.33	20.14	22.82	21.28	32.63	59.43
2028	75.37	74.04	72.52	51.41	34.13	15.34	21.34	20.14	22.82	21.28	32.63	59.43
2029	75.38	76.08	72.53	51.41	34.12	15.35	21.33	20.14	22.82	21.28	32.63	59.43
2030	75.37	76.08	72.55	51.41	34.13	15.35	21.33	20.14	22.82	21.28	32.63	59.43
2031	75.37	75.50	72.54	51.41	34.13	15.35	21.34	20.14	22.82	21.28	32.64	59.43

7.2. Contrataciones de Corto Plazo.

Acto LPI N° ETESA 02-13 para la contratación solo energía exclusivo para plantas de hidroeléctricas para el periodo 2014-2016. El calendario propuesto es el siguiente:

1. Remisión del pliego a la ASEP: 13 de mayo de 2013.
2. Reunión aclaratoria: 17 de julio de 2013.
3. Recepción de ofertas: 13 de agosto de 2013.

Montos correspondientes para cada empresa distribuidora.

Cuadro 60, Potencia Equivalente Solicitada de Edemet (MW) LPI 02-13

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2014	38.86	43.71	47.94	73.49	49.99	31.78	72.62	71.29	42.95	31.66	43.07	110.52
2015	39.00	65.80	76.98	84.29	100.34	84.97	62.42	61.27	43.06	42.33	43.19	80.59
2016	77.31	83.97	95.38	104.43	99.46	105.66	62.09	101.59	107.10	105.28	85.93	100.22

Cuadro 61, Potencia Equivalente Solicitada de Edechi (MW) LPI 02-13

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2014	26.16	19.82	18.66	19.35	18.60	0.00	0.00	0.00	0.00	0.00	0.00	8.94
2015	8.60	9.49	9.25	9.59	9.16	0.00	0.00	0.00	0.00	0.00	0.00	8.89
2016	17.33	19.66	18.50	19.19	18.31	9.44	9.23	9.55	10.18	10.24	9.63	17.79

Cuadro 62, Potencia Equivalente Solicitada de Ensa (MW) LPI 02-13

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2014	36.11	40.58	36.07	38.49	46.11	59.52	28.81	28.40	30.15	9.67	0.00	28.11
2015	0.00	20.36	27.15	28.98	55.54	59.68	28.89	37.96	40.31	19.39	19.99	46.98
2016	17.96	19.49	35.89	38.29	55.05	79.16	38.32	56.65	80.21	57.88	39.78	56.08

Cuadro 63, Potencia Equivalente Solicitada Total (MW) LPI 02-13

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2014	101.13	104.11	102.67	131.33	114.70	91.29	101.44	99.69	73.10	41.33	43.07	147.56
2015	47.60	95.66	113.38	122.86	165.03	144.64	91.30	99.23	83.37	61.72	63.18	136.46
2016	112.61	123.11	149.77	161.91	172.82	194.26	109.65	167.79	197.49	173.40	135.34	174.09

Esta página fue dejada en blanco a propósito

8. Nuevo Nivel de Contrataciones

Considerando el programa de licitaciones que ETESA realice para los periodos de corto y largo plazo en el año 2013, los niveles de contratación resultantes serian los siguientes.

8.1. Contrataciones de EDEMET

Cuadro 64, Potencia Contratada con Licitaciones Programadas Edemet (MW)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2013	662.15	708.62	693.61	745.31	756.31	759.38	686.45	724.86	728.93	738.98	704.11	704.65
2014	677.54	733.94	728.49	779.22	792.96	804.47	751.70	780.97	782.52	790.61	768.24	769.35
2015	732.29	781.34	765.28	821.96	806.30	799.21	761.41	793.99	785.90	800.48	769.25	789.14
2016	694.06	696.57	690.08	722.43	721.82	720.85	722.53	701.91	699.78	703.33	703.78	697.57
2017	672.67	672.67	797.67	797.67	797.67	797.67	797.67	797.67	797.67	797.67	797.67	797.67
2018	797.67	797.67	797.67	797.67	797.67	797.67	797.67	797.67	797.67	797.67	797.67	797.67
2019	771.50	771.50	771.50	771.50	771.50	771.50	771.50	771.50	771.50	771.50	771.50	771.50
2020	771.88	771.88	771.88	771.88	771.88	771.88	771.88	771.88	771.88	771.88	771.88	771.88
2021	861.88	861.88	861.88	861.88	861.88	861.88	861.88	861.88	861.88	861.88	861.88	861.88
2022	844.88	844.88	844.88	844.88	844.88	844.88	844.88	844.88	844.88	844.88	844.88	844.88
2023	734.96	734.96	734.96	734.96	734.96	734.96	734.96	734.96	734.96	734.96	734.96	734.96
2024	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27
2025	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27
2026	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27
2027	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27
2028	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27
2029	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27	682.27
2030	626.91	626.91	626.91	626.91	626.91	626.91	626.91	626.91	626.91	626.91	626.91	626.91
2031	410.00	410.00	410.00	410.00	410.00	410.00	410.00	410.00	410.00	410.00	410.00	410.00
2032	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00
2033	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00

Cuadro 65, Nuevo Nivel de Contratación de Potencia Edemet

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	Max	REG
2013	100.29%	101.04%	100.79%	100.55%	100.43%	100.51%	96.23%	99.45%	99.11%	99.49%	99.30%	98.88%	101.04%	100%
2014	99.58%	101.47%	102.73%	102.27%	102.17%	100.75%	100.98%	101.63%	101.30%	101.40%	103.00%	103.15%	103.15%	100%
2015	103.00%	103.00%	103.00%	102.90%	99.52%	95.66%	97.50%	98.48%	97.05%	97.77%	98.06%	100.73%	103.00%	90%
2016	94.34%	91.85%	89.79%	87.38%	86.10%	83.02%	88.93%	83.65%	83.11%	82.75%	86.12%	85.47%	94.34%	90%
2017	87.17%	84.64%	98.97%	91.95%	91.71%	87.33%	93.42%	90.33%	90.21%	89.43%	93.25%	93.49%	98.97%	80%
2018	98.98%	96.20%	94.80%	88.03%	87.90%	83.51%	89.06%	86.21%	86.06%	85.39%	89.18%	89.23%	98.98%	80%
2019	91.67%	88.89%	87.82%	81.50%	81.27%	77.22%	82.35%	79.79%	79.62%	79.04%	82.53%	82.51%	91.67%	70%
2020	87.73%	87.93%	84.07%	77.98%	77.55%	74.34%	78.69%	76.32%	76.13%	75.80%	78.98%	79.02%	87.93%	70%
2021	93.37%	93.31%	89.50%	82.98%	82.26%	79.77%	84.26%	81.60%	81.56%	81.25%	84.58%	84.70%	93.37%	60%
2022	87.61%	87.56%	83.99%	77.84%	77.12%	74.90%	78.96%	76.28%	76.46%	76.21%	79.44%	79.36%	87.61%	60%
2023	72.93%	72.63%	69.93%	64.78%	64.25%	62.38%	65.63%	63.65%	63.59%	63.41%	66.12%	66.00%	72.93%	50%
2024	64.79%	66.53%	62.14%	57.54%	57.19%	55.44%	58.23%	56.52%	56.45%	56.32%	58.73%	58.64%	66.53%	50%
2025	61.82%	63.19%	59.36%	54.94%	54.51%	52.98%	55.55%	53.97%	53.87%	53.82%	55.98%	55.99%	63.19%	40%
2026	59.13%	60.33%	56.78%	52.54%	52.17%	50.70%	53.06%	51.72%	51.49%	51.41%	53.63%	53.53%	60.33%	40%
2027	56.56%	57.78%	54.32%	50.25%	49.89%	48.51%	50.70%	49.45%	49.21%	49.16%	51.29%	51.19%	57.78%	30%
2028	54.14%	57.03%	52.01%	48.09%	47.74%	46.46%	48.48%	47.25%	47.07%	47.04%	49.07%	49.02%	57.03%	30%
2029	51.73%	53.95%	49.66%	45.90%	45.57%	44.38%	46.23%	45.08%	44.91%	44.90%	46.86%	46.75%	53.95%	30%
2030	45.41%	47.23%	43.65%	40.33%	40.04%	39.01%	40.59%	39.66%	39.44%	39.45%	41.18%	41.06%	47.23%	30%
2031	28.38%	29.46%	27.29%	25.21%	25.03%	24.40%	25.35%	24.82%	24.64%	24.65%	25.74%	25.67%	29.46%	30%
2032	18.16%	19.46%	17.48%	16.14%	16.02%	15.63%	16.22%	15.95%	15.77%	15.85%	16.59%	16.50%	19.46%	30%
2033	17.43%	17.89%	16.70%	15.42%	15.31%	14.94%	15.48%	15.23%	15.06%	15.14%	15.85%	15.77%	17.89%	30%

Cuadro 66, Energía Contratada con Licitaciones Programadas Edemet (GWh)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	TOTAL
2013	268.48	244.94	292.39	273.69	305.16	312.99	303.33	314.09	301.53	311.80	300.62	274.37	3503.38
2014	327.61	308.54	348.64	341.15	362.71	353.14	337.00	356.08	338.72	344.79	324.26	347.94	4090.57
2015	332.58	309.56	345.72	334.25	354.56	349.85	335.04	354.50	343.51	354.13	333.03	350.18	4096.90
2016	345.36	321.35	355.51	339.65	363.61	354.99	334.83	355.05	342.33	351.31	329.86	350.58	4144.41
2017	361.29	320.91	429.00	395.70	420.62	403.88	406.26	418.21	401.14	409.82	398.10	424.92	4789.84
2018	426.23	378.57	429.24	395.96	420.79	403.24	405.89	417.73	400.72	409.32	398.45	425.46	4911.60
2019	434.29	383.69	433.79	394.10	418.72	396.94	405.01	414.00	397.06	404.94	396.74	423.68	4902.98
2020	434.53	396.44	434.03	394.33	418.98	397.12	405.24	414.24	397.29	405.15	396.96	423.91	4918.22
2021	481.36	425.35	481.18	436.90	463.63	441.80	451.30	460.95	441.58	450.17	441.36	471.50	5447.09
2022	472.57	417.54	472.28	428.77	455.10	433.77	443.06	452.55	433.61	442.07	433.42	462.99	5347.73
2023	415.77	367.04	414.73	376.20	399.90	381.57	389.76	398.25	382.11	389.68	382.07	407.95	4705.01
2024	388.54	354.10	387.14	351.01	373.45	356.54	361.94	369.91	355.18	362.24	355.22	379.22	4394.50
2025	386.12	340.64	384.69	348.77	371.10	354.28	361.94	369.91	355.18	362.24	355.22	379.22	4369.31
2026	386.12	340.64	384.69	348.77	371.10	354.28	361.94	369.91	355.18	362.24	355.22	379.22	4369.31
2027	386.12	340.64	384.69	348.77	371.10	354.28	361.94	369.91	355.18	362.24	355.22	379.22	4369.31
2028	368.23	338.88	372.33	336.21	349.47	326.95	335.18	341.01	324.12	329.31	325.08	353.75	4100.51
2029	368.23	327.68	372.33	336.21	349.47	326.95	335.18	341.01	324.12	329.31	325.08	353.75	4089.31
2030	339.62	302.25	343.34	309.73	321.67	300.66	308.33	313.66	298.18	302.92	299.21	326.03	3765.62
2031	227.52	202.60	229.77	206.00	212.75	197.64	203.15	206.51	196.55	199.53	197.87	217.42	2497.32
2032	142.11	130.85	143.99	131.51	138.09	130.61	133.35	135.84	128.85	131.08	128.48	137.70	1612.47
2033	142.11	126.34	143.99	131.51	138.09	130.61	133.35	135.84	128.85	131.08	128.48	137.70	1607.96

Cuadro 67, Nuevo Nivel de Contratación de Energía Edemet

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	Prom	REG
2013	84.42%	81.56%	87.05%	82.83%	86.57%	91.52%	92.58%	92.94%	93.22%	93.82%	96.67%	82.16%	88.78%	100%
2014	98.96%	98.63%	99.74%	99.45%	98.86%	99.12%	99.38%	99.85%	99.61%	98.75%	99.04%	99.16%	99.21%	100%
2015	96.50%	94.69%	94.74%	93.28%	92.91%	94.10%	94.43%	95.00%	96.62%	96.84%	96.98%	95.28%	95.11%	90%
2016	95.98%	94.10%	93.34%	90.77%	91.27%	91.40%	90.24%	90.95%	92.13%	92.06%	91.74%	91.09%	92.09%	90%
2017	95.73%	92.88%	107.42%	100.78%	101.77%	98.85%	104.18%	101.79%	102.80%	102.35%	105.77%	105.60%	101.66%	80%
2018	108.03%	104.90%	102.84%	96.46%	97.48%	94.54%	99.40%	97.21%	98.14%	97.77%	101.41%	101.10%	99.94%	80%
2019	105.40%	101.58%	99.55%	91.90%	92.72%	88.98%	94.82%	92.19%	93.02%	92.57%	96.62%	96.24%	95.47%	70%
2020	100.88%	100.19%	95.30%	87.94%	88.49%	85.65%	90.62%	88.19%	88.94%	88.78%	92.46%	92.17%	91.63%	70%
2021	106.75%	106.04%	100.95%	93.05%	93.22%	91.08%	96.26%	93.46%	94.35%	94.19%	98.08%	97.89%	97.11%	60%
2022	100.32%	99.65%	94.86%	87.39%	87.52%	85.65%	90.33%	87.50%	88.60%	88.50%	92.28%	91.88%	91.21%	60%
2023	84.46%	83.52%	79.73%	73.36%	73.66%	72.13%	75.93%	73.86%	74.65%	74.62%	77.82%	77.39%	76.76%	50%
2024	75.53%	76.77%	71.24%	65.49%	65.95%	64.53%	67.39%	65.63%	66.35%	66.36%	69.23%	68.86%	68.61%	50%
2025	71.62%	72.64%	67.62%	62.13%	62.47%	61.28%	64.29%	62.66%	63.32%	63.41%	65.99%	65.75%	65.27%	40%
2026	68.50%	69.36%	64.69%	59.42%	59.78%	58.64%	61.41%	60.06%	60.52%	60.58%	63.23%	62.86%	62.42%	40%
2027	65.52%	66.43%	61.88%	56.82%	57.17%	56.11%	58.68%	57.42%	57.84%	57.93%	60.47%	60.11%	59.70%	30%
2028	59.81%	62.98%	57.34%	52.42%	51.52%	49.59%	51.96%	50.57%	50.49%	50.39%	52.94%	53.70%	53.64%	30%
2029	57.15%	59.67%	54.76%	50.04%	49.18%	47.37%	49.55%	48.26%	48.17%	48.10%	50.56%	51.22%	51.17%	30%
2030	50.36%	52.43%	48.30%	44.08%	43.28%	41.67%	43.55%	42.49%	42.36%	42.30%	44.50%	45.11%	45.04%	30%
2031	32.24%	33.52%	30.90%	28.02%	27.36%	26.20%	27.40%	26.77%	26.67%	26.63%	28.13%	28.76%	28.55%	30%
2032	19.21%	20.59%	18.49%	17.07%	16.95%	16.53%	17.16%	16.87%	16.68%	16.77%	17.56%	17.46%	17.61%	30%
2033	18.44%	18.92%	17.67%	16.31%	16.19%	15.81%	16.38%	16.11%	15.93%	16.02%	16.77%	16.68%	16.77%	30%

8.2. Contrataciones de EDECHI

Cuadro 68, Potencia Contratada con Licitaciones Programadas Edechi (MW)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2013	82.38	89.59	93.56	86.06	88.61	89.70	96.17	106.94	106.82	105.07	101.77	99.89
2014	97.44	108.87	111.99	109.59	108.47	112.04	111.80	116.37	117.65	114.43	112.26	106.84
2015	103.59	115.96	117.98	116.10	111.28	108.81	109.78	116.30	114.82	114.01	110.29	109.66
2016	97.93	101.11	101.62	99.07	98.15	102.70	105.76	101.83	101.85	101.37	101.60	99.50
2017	85.77	85.77	110.77	110.77	110.77	110.77	110.77	110.77	110.77	110.77	110.77	110.77
2018	110.77	110.77	110.77	110.77	110.77	110.77	110.77	110.77	110.77	110.77	110.77	110.77
2019	107.82	107.82	107.82	107.82	107.82	107.82	107.42	107.42	107.42	107.42	107.42	107.42
2020	107.47	107.47	107.47	107.47	107.47	107.47	107.47	107.47	107.47	107.47	107.47	107.47
2021	90.97	90.97	90.97	90.97	90.97	90.97	90.97	90.97	90.97	90.97	90.97	90.97
2022	97.97	97.97	97.97	97.97	97.97	97.97	97.97	97.97	97.97	97.97	97.97	97.97
2023	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84
2024	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84
2025	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84
2026	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84
2027	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84
2028	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84
2029	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84	100.84
2030	95.31	95.31	95.31	95.31	95.31	95.31	95.31	95.31	95.31	95.31	95.31	95.31
2031	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00
2032	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00
2033	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00

Cuadro 69, Nuevo Nivel de Contratación de Potencia Edechi

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	Max	REG
2013	89.17%	85.90%	88.63%	82.02%	85.70%	85.72%	92.50%	98.49%	96.89%	98.49%	97.78%	99.67%	99.67%	100%
2014	101.65%	101.47%	102.74%	102.27%	102.17%	100.75%	100.99%	101.63%	101.30%	101.40%	103.00%	103.00%	103.00%	100%
2015	103.00%	103.00%	103.00%	102.90%	98.92%	93.39%	94.56%	97.06%	94.29%	96.43%	96.59%	100.73%	103.00%	90%
2016	94.39%	89.72%	85.46%	84.41%	83.93%	84.74%	87.11%	81.80%	80.35%	82.42%	85.54%	87.74%	94.39%	90%
2017	78.88%	70.25%	88.93%	89.93%	90.30%	87.40%	87.34%	85.19%	83.52%	86.13%	89.19%	93.28%	93.28%	80%
2018	97.36%	86.86%	85.04%	85.84%	86.24%	83.48%	83.50%	80.89%	79.73%	82.27%	85.20%	88.98%	97.36%	80%
2019	90.33%	80.84%	79.06%	79.66%	80.19%	77.72%	77.11%	75.14%	73.92%	76.32%	79.04%	82.44%	90.33%	70%
2020	86.01%	79.74%	75.11%	75.66%	76.09%	74.04%	74.01%	71.95%	70.64%	72.99%	75.59%	78.74%	86.01%	70%
2021	69.36%	62.19%	60.53%	60.95%	61.32%	60.27%	60.31%	58.29%	57.48%	59.42%	61.53%	64.02%	69.36%	60%
2022	71.29%	64.01%	62.24%	62.57%	63.01%	62.05%	61.93%	60.10%	59.15%	61.18%	63.36%	65.84%	71.29%	60%
2023	70.04%	62.98%	61.12%	61.42%	61.91%	61.07%	60.94%	58.91%	58.33%	60.22%	62.37%	64.74%	70.04%	50%
2024	66.83%	62.32%	58.35%	58.55%	59.09%	58.35%	58.23%	56.39%	55.71%	57.55%	59.60%	61.80%	66.83%	50%
2025	63.76%	57.49%	55.70%	55.81%	56.40%	55.75%	55.59%	53.97%	53.21%	55.00%	56.96%	59.01%	63.76%	40%
2026	60.84%	54.92%	53.18%	53.21%	53.82%	53.27%	53.17%	51.66%	50.82%	52.56%	54.44%	56.34%	60.84%	40%
2027	58.06%	52.48%	50.78%	50.74%	51.37%	50.91%	50.86%	49.44%	48.55%	50.24%	52.03%	53.54%	58.06%	30%
2028	55.41%	51.93%	48.48%	48.39%	49.03%	48.64%	48.65%	47.31%	46.37%	48.01%	49.73%	51.13%	55.41%	30%
2029	52.89%	47.91%	46.30%	46.15%	46.80%	46.51%	46.41%	45.28%	44.30%	45.89%	47.53%	48.84%	52.89%	30%
2030	47.70%	43.26%	41.78%	41.60%	42.24%	41.96%	41.95%	40.94%	39.99%	41.44%	42.92%	44.08%	47.70%	30%
2031	33.44%	30.35%	29.25%	29.14%	29.61%	29.45%	29.47%	28.77%	28.06%	29.09%	30.13%	30.92%	33.44%	30%
2032	25.08%	23.60%	21.93%	21.84%	22.22%	22.10%	22.12%	21.63%	21.06%	21.84%	22.60%	23.20%	25.08%	30%
2033	23.94%	21.77%	20.93%	20.83%	21.15%	21.11%	21.14%	20.69%	20.11%	20.87%	21.60%	22.19%	23.94%	30%

Cuadro 70, Energía Contratada con Licitaciones Programadas Edechi (GWh)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	TOTAL
2013	29.65	29.40	31.27	30.04	32.03	33.12	49.13	51.79	50.79	49.18	50.15	42.10	478.67
2014	54.70	50.49	57.99	54.97	56.87	55.05	55.50	55.61	55.73	54.35	55.38	54.33	660.97
2015	55.41	52.52	54.56	55.22	56.81	55.38	56.10	59.17	57.31	56.80	57.02	56.14	672.43
2016	56.19	54.90	57.89	55.32	59.92	55.37	58.09	55.99	54.83	53.97	54.55	58.34	675.37
2017	59.92	55.16	73.06	67.62	71.66	70.27	72.48	71.74	69.80	68.85	71.74	76.84	829.15
2018	75.06	68.43	73.07	67.68	71.70	70.15	72.33	71.82	69.70	68.74	72.38	77.61	858.66
2019	78.21	69.67	74.12	68.85	72.97	70.86	72.97	71.85	69.56	68.99	72.41	78.32	868.77
2020	78.05	70.94	73.98	68.73	72.86	70.68	72.92	71.84	69.58	69.00	72.42	78.36	869.36
2021	72.67	63.08	66.71	61.83	65.73	63.79	65.82	64.48	62.36	62.36	65.97	72.09	786.91
2022	76.90	66.80	70.67	65.66	69.74	67.63	69.80	68.32	65.97	65.95	69.78	76.22	833.45
2023	78.63	68.33	72.30	67.23	71.38	69.22	71.43	69.90	67.45	67.42	71.34	77.92	852.55
2024	78.63	70.30	72.30	67.23	71.38	69.22	69.54	68.12	65.78	65.85	69.63	76.01	843.99
2025	76.68	66.65	70.46	65.46	69.53	67.47	69.54	68.12	65.78	65.85	69.63	76.01	831.17
2026	76.68	66.65	70.46	65.46	69.53	67.47	69.54	68.12	65.78	65.85	69.63	76.01	831.17
2027	76.68	66.65	70.46	65.46	69.53	67.47	69.54	68.12	65.78	65.85	69.63	76.01	831.17
2028	70.30	64.05	66.08	61.06	61.81	57.80	59.86	57.74	54.66	54.16	58.73	66.84	733.09
2029	70.30	62.14	66.08	61.06	61.81	57.80	59.86	57.74	54.66	54.16	58.73	66.84	731.17
2030	66.96	59.20	62.95	58.03	58.65	54.73	56.72	54.71	51.81	51.32	55.72	63.57	694.36
2031	51.67	45.75	48.64	44.21	44.17	40.66	42.35	40.82	38.76	38.35	41.93	48.62	525.92
2032	33.22	30.28	31.10	30.05	31.47	30.57	31.23	30.19	28.36	28.20	29.97	32.49	367.13
2033	33.22	29.23	31.10	30.05	31.47	30.57	31.23	30.19	28.36	28.20	29.97	32.49	366.08

Cuadro 71, Nuevo Nivel de Contratación de Energía Edechi

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	Prom	REG
2013	57.00%	56.90%	56.20%	56.22%	58.09%	59.75%	87.86%	92.57%	95.19%	95.81%	94.22%	75.98%	73.81%	100%
2014	100.34%	94.05%	99.93%	99.73%	99.46%	94.79%	93.97%	94.17%	99.05%	100.00%	99.27%	94.36%	97.43%	100%
2015	97.22%	93.58%	89.80%	95.49%	94.11%	91.26%	90.82%	96.01%	97.41%	100.00%	97.81%	93.17%	94.72%	90%
2016	94.75%	93.52%	90.97%	91.15%	94.62%	87.26%	89.47%	86.99%	89.08%	90.88%	89.51%	92.48%	90.89%	90%
2017	96.39%	89.81%	109.60%	106.17%	107.89%	105.91%	106.86%	106.72%	108.37%	110.88%	112.56%	116.31%	106.46%	80%
2018	115.29%	106.57%	104.71%	101.33%	103.00%	101.16%	102.12%	101.61%	103.48%	105.92%	108.67%	112.24%	105.51%	80%
2019	114.50%	103.75%	101.45%	98.29%	100.13%	97.74%	98.12%	97.38%	98.73%	101.69%	104.00%	108.22%	102.00%	70%
2020	109.16%	100.95%	96.52%	93.49%	95.18%	93.18%	94.07%	93.19%	94.35%	97.22%	99.44%	103.37%	97.51%	70%
2021	97.05%	85.83%	83.05%	80.22%	81.94%	80.43%	81.30%	79.62%	80.84%	84.06%	86.64%	90.86%	84.32%	60%
2022	98.00%	86.87%	84.00%	81.20%	82.95%	81.52%	82.20%	80.78%	81.72%	84.99%	87.63%	91.74%	85.30%	60%
2023	95.66%	84.94%	81.98%	79.29%	81.04%	79.78%	80.42%	78.70%	80.05%	83.09%	85.68%	89.59%	83.35%	50%
2024	91.27%	83.50%	78.26%	75.58%	77.35%	76.23%	74.81%	73.41%	74.56%	77.56%	79.91%	83.43%	78.82%	50%
2025	84.91%	75.63%	72.82%	70.15%	71.90%	71.00%	71.41%	70.27%	71.22%	74.12%	76.37%	79.65%	74.12%	40%
2026	81.02%	72.26%	69.52%	66.88%	68.63%	67.84%	68.31%	67.25%	68.02%	70.83%	72.99%	76.04%	70.80%	40%
2027	77.32%	69.04%	66.38%	63.78%	65.50%	64.82%	65.35%	64.37%	64.98%	67.70%	69.76%	72.27%	67.61%	30%
2028	67.65%	63.39%	59.44%	56.73%	55.58%	53.06%	53.81%	52.21%	51.57%	53.21%	56.23%	60.70%	56.97%	30%
2029	64.57%	58.76%	56.75%	54.10%	53.05%	50.74%	51.33%	49.97%	49.27%	50.85%	53.75%	57.97%	54.26%	30%
2030	58.69%	53.48%	51.62%	49.04%	48.07%	45.86%	46.51%	45.29%	44.60%	46.05%	48.72%	52.66%	49.22%	30%
2031	43.23%	39.49%	38.03%	35.63%	34.55%	32.55%	33.21%	32.33%	31.87%	32.88%	35.04%	38.46%	35.61%	30%
2032	26.53%	24.97%	23.20%	23.10%	23.50%	23.38%	23.40%	22.88%	22.28%	23.10%	23.91%	24.55%	23.73%	30%
2033	25.32%	23.03%	22.14%	22.04%	22.38%	22.34%	22.36%	21.89%	21.28%	22.08%	22.85%	23.48%	22.60%	30%

8.3. Contrataciones de ENSA

Cuadro 72, Potencia Contratada con Licitaciones Programadas Ensa (MW)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic
2013	499.20	519.29	528.81	527.47	539.75	570.58	540.06	552.32	568.68	550.42	543.60	536.84
2014	521.33	550.31	567.84	564.47	576.51	615.58	563.68	584.35	600.41	581.52	568.15	576.03
2015	567.86	589.97	601.30	599.96	593.58	613.13	578.44	597.85	607.45	593.64	572.60	594.44
2016	537.99	532.29	538.28	533.48	535.00	556.43	551.68	538.23	540.35	537.28	536.60	534.91
2017	513.53	513.53	613.53	613.53	613.53	613.53	613.53	613.53	613.53	613.53	613.53	613.53
2018	613.53	613.53	613.53	613.53	613.53	613.53	613.53	613.53	613.53	613.53	613.53	613.53
2019	580.13	580.13	580.13	580.13	580.13	580.13	580.13	580.13	580.13	580.13	580.13	580.13
2020	560.34	560.34	560.34	560.34	560.34	560.34	560.34	560.34	560.34	560.34	560.34	560.34
2021	576.84	576.84	576.84	576.84	576.84	576.84	576.84	576.84	576.84	576.84	576.84	576.84
2022	586.84	586.84	586.84	586.84	586.84	586.84	586.84	586.84	586.84	586.84	586.84	586.84
2023	559.89	559.89	559.89	559.89	559.89	559.89	554.80	554.80	554.80	554.80	554.80	554.80
2024	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45
2025	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45
2026	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45
2027	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45
2028	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45
2029	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45	436.45
2030	414.30	414.30	414.30	414.30	414.30	414.30	414.30	414.30	414.30	414.30	414.30	414.30
2031	295.00	295.00	295.00	295.00	295.00	295.00	295.00	295.00	295.00	295.00	295.00	295.00
2032	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00
2033	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00

Cuadro 73, Nuevo Nivel de Contratación de Potencia Ensa

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	Max	REG
2013	99.83%	99.98%	99.86%	99.83%	99.89%	99.89%	101.27%	99.96%	99.86%	99.99%	102.68%	99.73%	102.68%	100%
2014	99.87%	101.47%	102.73%	102.27%	102.17%	100.75%	100.98%	101.63%	101.30%	101.40%	103.00%	103.00%	103.00%	100%
2015	103.00%	103.00%	103.00%	102.92%	99.60%	95.10%	98.21%	98.54%	97.13%	98.10%	98.38%	100.73%	103.00%	90%
2016	94.39%	93.10%	89.19%	88.52%	86.84%	83.18%	90.27%	85.50%	83.27%	85.57%	88.85%	87.36%	94.39%	90%
2017	86.42%	83.18%	97.51%	97.65%	95.52%	87.97%	96.29%	93.48%	90.69%	93.73%	97.44%	96.11%	97.65%	80%
2018	99.15%	95.43%	93.63%	93.77%	91.72%	84.25%	92.22%	89.52%	86.85%	89.76%	93.32%	92.04%	99.15%	80%
2019	89.98%	86.60%	84.97%	85.09%	83.24%	76.45%	83.68%	81.24%	78.81%	81.46%	84.69%	83.53%	89.98%	70%
2020	83.41%	83.15%	78.77%	78.88%	77.16%	70.87%	77.58%	75.31%	73.06%	75.51%	78.51%	77.43%	83.41%	70%
2021	82.54%	79.45%	77.95%	78.06%	76.36%	70.67%	77.35%	75.09%	72.85%	75.29%	78.28%	77.20%	82.54%	60%
2022	80.90%	77.87%	76.40%	76.51%	74.84%	69.26%	75.81%	73.60%	71.40%	73.79%	76.72%	75.67%	80.90%	60%
2023	74.37%	71.58%	70.23%	70.33%	68.80%	63.67%	69.06%	67.04%	65.04%	67.22%	69.88%	68.93%	74.37%	50%
2024	55.86%	55.68%	52.75%	52.83%	51.67%	47.82%	52.35%	50.82%	49.30%	50.95%	52.97%	52.25%	55.86%	50%
2025	53.82%	51.81%	50.83%	50.90%	49.79%	46.08%	50.44%	48.97%	47.50%	49.10%	51.04%	50.34%	53.82%	40%
2026	51.96%	50.01%	49.07%	49.14%	48.06%	44.48%	48.69%	47.27%	45.86%	47.39%	49.27%	48.60%	51.96%	40%
2027	50.16%	48.28%	47.37%	47.44%	46.40%	42.94%	47.00%	45.63%	44.27%	45.75%	47.57%	46.91%	50.16%	30%
2028	48.42%	48.27%	45.73%	45.79%	44.80%	41.46%	45.38%	44.05%	42.74%	44.17%	45.92%	45.29%	48.42%	30%
2029	46.75%	45.00%	44.15%	44.21%	43.25%	40.03%	43.81%	42.53%	41.26%	42.64%	44.34%	43.73%	46.75%	30%
2030	42.85%	41.24%	40.47%	40.52%	39.64%	36.68%	40.15%	38.98%	37.82%	39.08%	40.63%	40.08%	42.85%	30%
2031	29.46%	28.36%	27.82%	27.86%	27.25%	25.22%	27.61%	26.80%	26.00%	26.87%	27.94%	27.55%	29.46%	30%
2032	21.22%	21.15%	20.04%	20.06%	19.63%	18.16%	19.88%	19.30%	18.72%	19.35%	20.12%	19.84%	21.22%	30%
2033	20.49%	19.72%	19.35%	19.38%	18.95%	17.54%	19.20%	18.64%	18.08%	18.69%	19.43%	19.16%	20.49%	30%

Cuadro 74, Energía Contratada con Licitaciones Programadas Ensa (GWh)

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	TOTAL
2013	253.72	225.29	263.15	245.12	259.94	253.27	262.12	262.41	251.92	259.38	250.75	243.75	3030.83
2014	272.31	251.79	287.20	267.63	287.73	285.77	272.78	282.34	276.60	275.46	261.49	278.76	3299.85
2015	284.73	257.36	289.96	272.76	289.88	284.74	275.12	287.28	281.70	280.36	267.34	285.93	3357.17
2016	286.56	260.85	295.84	275.39	299.76	294.67	280.43	287.67	284.39	283.17	265.91	287.50	3402.14
2017	309.76	275.18	364.08	336.39	349.96	323.96	335.81	340.85	322.36	335.27	328.23	351.40	3973.24
2018	365.77	325.01	364.41	336.70	350.28	323.42	335.25	340.29	321.83	334.72	327.94	351.09	4076.72
2019	347.86	309.01	346.38	319.80	332.61	306.92	318.36	323.12	305.58	317.92	311.47	333.53	3872.56
2020	336.83	309.14	335.34	309.46	321.81	296.94	308.05	312.66	295.73	307.68	301.54	322.97	3758.14
2021	345.32	306.76	343.84	317.43	330.13	306.84	318.27	323.03	305.50	317.83	311.39	333.44	3859.78
2022	350.89	311.71	349.41	322.64	335.57	311.91	323.51	328.35	310.50	323.03	316.43	338.81	3922.76
2023	335.90	298.37	334.41	308.58	320.90	298.24	306.73	311.32	294.46	306.37	300.26	321.61	3737.15
2024	267.26	245.02	265.69	244.19	253.71	235.63	244.21	247.84	234.73	244.24	240.00	257.49	2980.02
2025	266.66	236.76	265.09	243.63	253.12	235.09	244.21	247.84	234.73	244.24	240.00	257.49	2968.86
2026	266.66	236.76	265.09	243.63	253.12	235.09	244.21	247.84	234.73	244.24	240.00	257.49	2968.86
2027	266.66	236.76	265.09	243.63	253.12	235.09	244.21	247.84	234.73	244.24	240.00	257.49	2968.86
2028	258.32	237.92	258.04	237.62	244.45	224.26	232.97	235.96	222.90	231.12	226.54	246.44	2856.57
2029	258.32	230.21	258.04	237.62	244.45	224.26	232.97	235.96	222.90	231.12	226.54	246.44	2848.86
2030	246.01	219.25	245.71	226.07	232.40	213.03	221.37	224.19	211.82	219.60	215.37	234.55	2709.37
2031	179.67	160.22	179.30	163.83	167.46	152.53	158.87	160.78	152.10	157.55	155.17	170.50	1957.99
2032	122.33	112.75	122.47	114.77	119.76	111.58	115.24	116.93	110.12	114.44	111.01	118.12	1389.51
2033	122.33	108.86	122.47	114.77	119.76	111.58	115.24	116.93	110.12	114.44	111.01	118.12	1385.62

Cuadro 75, Nuevo Nivel de Contratación de Energía Ensa

	ene	feb	mar	abr	may	jun	jul	ago	sep	oct	nov	dic	Prom	REG
2013	97.90%	94.03%	95.77%	95.40%	94.81%	91.74%	99.06%	95.19%	94.16%	96.50%	100.00%	90.13%	95.39%	100%
2014	99.65%	99.66%	99.15%	98.73%	99.50%	98.16%	99.30%	98.34%	99.24%	98.29%	100.00%	98.82%	99.07%	100%
2015	99.01%	96.79%	95.12%	95.62%	95.26%	92.94%	95.17%	95.08%	96.04%	95.06%	97.15%	96.32%	95.80%	90%
2016	95.54%	94.07%	93.05%	92.56%	94.44%	92.22%	93.01%	91.29%	92.96%	92.06%	92.65%	92.86%	93.06%	90%
2017	99.06%	95.18%	109.84%	108.45%	105.76%	97.25%	106.83%	103.75%	101.07%	104.55%	109.70%	108.86%	104.19%	80%
2018	112.21%	107.85%	105.46%	104.13%	101.55%	93.13%	102.31%	99.36%	96.80%	100.13%	105.14%	104.34%	102.70%	80%
2019	102.42%	98.41%	96.21%	94.92%	92.54%	84.83%	93.24%	90.55%	88.21%	91.27%	95.84%	95.13%	93.63%	70%
2020	95.19%	94.49%	89.40%	88.16%	85.94%	78.77%	86.60%	84.09%	81.94%	84.78%	89.05%	88.41%	87.23%	70%
2021	94.01%	90.32%	88.30%	87.11%	84.93%	78.41%	86.19%	83.70%	81.54%	84.37%	88.59%	87.94%	86.28%	60%
2022	92.03%	88.42%	86.45%	85.30%	83.17%	76.79%	84.40%	81.96%	79.84%	82.61%	86.73%	86.08%	84.48%	60%
2023	84.88%	81.55%	79.72%	78.61%	76.63%	70.74%	77.10%	74.87%	72.96%	75.49%	79.29%	78.73%	77.55%	50%
2024	65.08%	64.53%	61.03%	59.94%	58.38%	53.85%	59.15%	57.43%	56.04%	57.99%	61.07%	60.74%	59.60%	50%
2025	62.57%	60.08%	58.67%	57.62%	56.12%	51.77%	57.00%	55.34%	54.00%	55.88%	58.85%	58.52%	57.20%	40%
2026	60.40%	58.00%	56.64%	55.62%	54.17%	49.98%	55.02%	53.42%	52.12%	53.94%	56.80%	56.49%	55.22%	40%
2027	58.30%	55.99%	54.68%	53.70%	52.30%	48.25%	53.11%	51.57%	50.32%	52.07%	54.84%	54.54%	53.31%	30%
2028	54.53%	54.32%	51.38%	50.56%	48.76%	44.43%	48.92%	47.40%	46.13%	47.57%	49.97%	50.39%	49.53%	30%
2029	52.65%	50.74%	49.61%	48.82%	47.08%	42.90%	47.23%	45.77%	44.54%	45.93%	48.25%	48.65%	47.68%	30%
2030	48.41%	46.66%	45.61%	44.84%	43.21%	39.35%	43.33%	41.98%	40.86%	42.13%	44.29%	44.71%	43.78%	30%
2031	34.14%	32.92%	32.14%	31.38%	30.06%	27.20%	30.03%	29.07%	28.33%	29.19%	30.81%	31.38%	30.55%	30%
2032	22.44%	22.37%	21.20%	21.23%	20.76%	19.22%	21.03%	20.42%	19.81%	20.47%	21.28%	20.99%	20.94%	30%
2033	21.67%	20.86%	20.47%	20.50%	20.05%	18.56%	20.31%	19.72%	19.13%	19.77%	20.55%	20.27%	20.16%	30%