



**ETECSA**  
Empresa de Transmisión Eléctrica, S.A.

## Informe de Contrataciones 2024-2044

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## INTRODUCCIÓN

En atención a la Sección II, Capítulo I, Numeral 2 del Tomo I: Reglas Generales de las Reglas de Compra, ETESA en calidad de El Gestor para la compra de potencia y/o energía, debe confeccionar el Informe Anual sobre Contrataciones correspondiente al periodo 2024-2044 y remitir el mismo a la Autoridad Nacional de los Servicios Públicos para su evaluación y No Objeción. Cabe resaltar la información correspondiente a los niveles de contratación y requerimientos para los agentes distribuidores de energía eléctrica indicados en este documento, para lo cual se indica la siguiente información:

1. Información de los Contratos vigentes periodo 2024-2044.
2. Volumen de potencia firme y energía contratada para el periodo 2024-2044.
3. Comparativo de nivel de contratación de potencia firme y energía existente con los niveles mínimos a contratar para las empresas de distribución eléctrica.
4. Comentarios de las empresas distribuidoras al Informe de Contrataciones 2024-2044.

# 1 Información de los Contratos 2024-2044

Según la información revisada con las Empresas Distribuidoras, se indican todos contratos de suministro que se encuentran vigentes durante el periodo de 2024 a 2044:

## 1.1 Contratos Vigentes de EDEMET

**Contratos de Potencia con Energía Asociada:** A continuación, se muestra los contratos de suministro de potencia con energía asociada:

Licitación	Generadora	Contrato	Fecha		Precio Potencia	Precio Energía
			Inicio	Final	(USD/kW-mes)	(USD/kWh)
EDEMET 01-08	HYDRO CAISÁN, S.A..	05-08	01/01/2016	31/12/2025	31.50	0.0305
EDEMET 01-08	ELECTRON INVESTMENT, S.A..	07-08	01/01/2014	30/06/2027	15.00	0.0695
CESIÓN MIFTA POWER LPI 02-10	EMPRESA NACIONAL DE ENERGÍA, S.A.	24-11	01/09/2016	31/12/2029	10.25	0.0797
LPI 02-10	ENEL FORTUNA S.A.	25-11	01/01/2015	31/12/2029	6.95	0.0975
LPI 02-10	ELECTROGENERADORA DEL ISTMO, S.A..	26-11	01/01/2015	31/12/2029	25.00	0.0633
LPI 02-10	ENERGÍA Y SERVICIOS DE PANAMÁ, S.A..	27-11	01/01/2015	31/12/2029	11.65	0.0910
LPI 02-10	GENERADORA PEDREGALITO, S.A..	28-11	01/01/2015	31/12/2029	30.00	0.0542
LPI 02-10	GENERADORA RIO CHICO, S.A..	29-11	01/01/2015	31/12/2029	30.00	0.0542
LPI 02-10	GENERADORA ALTO VALLE, S.A..	30-11	01/07/2015	30/06/2030	30.00	0.0542
LPI 02-10	HIDROECOLÓGICA DEL TERIBE, S.A..	31-11	01/04/2015	31/03/2030	8.50	0.1031
LPI 02-10	DES. HIDRO. CORP.	32-11	15/11/2015	15/11/2030	10.35	0.0965
CESIÓN CONS. HID. TABASARÁ, S.A. LPI 02-10	LAS PERLAS NORTE S.A..	33-11	06/08/2015	31/12/2029	9.00	0.1008
LPI 02-10	HIDRO. SAN LORENZO	34-11	01/01/2015	31/12/2029	15.00	0.0895
LPI 02-10	CALDERA ENERGY CORP.	35-11	01/01/2015	31/12/2029	25.00	0.0633
LPI 01-12	AES PANAMA	117-12	01/01/2016	31/12/2030	10.00	0.0901
LPI 01-12	HIDRO PIEDRA, S.A..	118-12	01/01/2016	31/12/2030	8.12	0.0948
LPI 01-12	CORPORACIÓN DE ENERGÍA DEL ISTMO, S.A..	119-12	01/01/2016	31/12/2030	8.90	0.1000
LPI 01-12	SALTOS DE FRANCOLÍ	121-12	01/01/2016	31/12/2030	13.53	0.1035
LPI 06-12	COAL POWER, S.A.	14-14	01/01/2025	31/12/2039	10.00	0.1004
LPI 01-13	GENRADORA GATUN, S.A..	20-13	01/10/2024	30/09/2044	18.89	0.0880
LPI 01-15	GAS NATURAL ATLÁNTICO S. de R.L.	16-15	01/09/2018	31/08/2028	38.83	0.0268
LPI 02-15	ENEL FORTUNA S.A.	18-15	01/03/2023	28/02/2038	32.09	0.0209

Los precios de Potencia y Energía asociada indicados son precios promedio del periodo de suministro.

## Volumen de Potencia Firme en Contratos de Potencia Firme y Energía

N° Contrato	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
05-08	17.05	17.05	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	0.00	0.00	0.00	0.00	0.00	0.00
07-08	34.65	15.40	15.40	15.40	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	0.00	0.00	0.00	0.00
24-11	6.67	6.67	6.67	6.67	6.67	6.67	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	0.00	0.00
25-11	19.68	19.68	19.68	19.68	19.68	19.68	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	0.00	0.00
26-11	0.83	0.83	0.83	0.83	0.83	0.83	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	0.00	0.00
27-11	3.65	3.65	3.65	3.65	3.65	3.65	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	0.00	0.00
28-11	2.63	2.63	2.63	2.63	2.63	2.63	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	0.00	0.00
29-11	1.61	1.61	1.61	1.61	1.61	1.61	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	0.00	0.00
30-11	1.53	1.53	1.53	1.53	1.53	1.53	1.53	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	0.00
31-11	6.67	6.67	6.67	6.67	6.67	6.67	6.67	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	0.00
32-11	1.27	1.27	1.27	1.27	1.27	1.27	1.27	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	0.00
33-11	7.93	7.93	7.93	7.93	7.93	7.93	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	0.00	0.00
34-11	0.89	0.89	0.89	0.89	0.89	0.89	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	0.00	0.00
35-11	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117-12	210.00	210.00	210.00	210.00	210.00	210.00	210.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118-12	1.07	1.07	1.07	1.07	1.07	1.07	1.07	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	0.00
119-12	5.29	5.29	5.29	5.29	5.29	5.29	5.29	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	0.00
121-12	0.55	0.55	0.55	0.55	0.55	0.55	0.55	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	0.00
14-14	0.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	0.00	0.00	0.00	0.00	0.00
20-13	200.00	200.00	200.00	200.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00
16-15	196.00	196.00	196.00	196.00	196.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18-15	196.00	196.00	196.00	196.00	196.00	196.00	196.00	196.00	196.00	196.00	196.00	196.00	196.00	196.00	196.00	0.00	0.00	0.00	0.00	0.00	0.00

### Potencia Máxima Contratada

## Contratos de Sólo Potencia

Los precios de la Potencia Firme indicados en la siguiente tabla son precios promedio del periodo de suministro

Licitación	Generadora	Contrato	Fecha		Precio Potencia (USD/kW-mes)
			Inicio	Final	
LPI 01-22	AUTORIDAD DEL CANAL DE PANAMÁ	13-23	01/04/2023	30/09/2024	7.50
LPI 01-22	GENERADORA DEL ATLÁNTICO, S.A.	15-23	01/04/2023	30/09/2024	8.25
LPI 01-22	GENERADORA DEL ATLÁNTICO, S.A.	16-23	01/09/2023	30/09/2024	8.25
LPI 01-22	PEDREGAL POWER COMPANY, S. DE R. L	17-23	01/04/2023	30/09/2024	8.785
LPI 01-22	PAN-AM GENERATING LIMITED	18-23	01/09/2023	30/09/2024	8.75
LPI 01-22	PAN-AM GENERATING LIMITED	19-23	01/09/2023	30/09/2024	8.65
LPI 01-22	SPARKLE POWER, S.A.	20-23	01/04/2023	30/09/2024	5.5
LPI 01-23	CELSIA CENTROAMÉRICA, S.A.	52-23	01/03/2024	30/09/2024	10.24
LPI 01-23	GENERADORA DEL ATLÁNTICO, S.A.	53-23	01/03/2024	30/09/2024	8.57

## Volumen de Potencia Firme en Contratos de Potencia Firme (MW)

N° Contrato	2024
13-23	16.00
15-23	32.00
16-23	11.20
17-23	16.00
18-23	27.2
19-23	16.00
20-23	14.4
52-23	8.16
53-23	0.34

Potencia Máxima Contratada

## Contratos de Sólo Energía

Los precios por la Energía indicados en la siguiente tabla son precios promedio del periodo de suministro

Licitación	Generadora	Contrato	Fecha		Precio Energía (USD/kWh)
			Inicio	Final	
LPI 03-10	PASO ANCHO HYDRO POWER	86-11	01/01/2014	30/06/2024	0.08990
LPI 03-10	HIDROECOLÓGICA DEL TERIBE, S.A..	87-11	01/04/2015	28/02/2025	0.1085

Licitación	Generadora	Contrato	Fecha		Precio Energía (USD/kWh)
			Inicio	Final	
LPI 05-11	UEP (PE NUEVO CHAGRES)	15-12	01/07/2014	30/06/2029	0.0950
LPI 05-11	UEP (PE ROSA DE LOS VIENTOS)	16-12	01/07/2014	30/06/2029	0.0980
LPI 05-11	UEP (PE PORTOBELO)	17-12	01/07/2014	30/06/2029	0.1080
LPI 05-11	UEP (PE MARAÑÓN)	18-12	01/07/2014	30/06/2029	0.1100
CESIÓN HIDROELÉCTRICA TIZINGAL, S.A. LPI 07-12	ISTMUS HIDRO POWER	02-13	01/07/2016	31/12/2027	0.1200
LPI 07-12	CALDERA ENERGY CORP.	03-13	01/03/2013	31/12/2027	0.1311
LPI 07-12	ELECTROGENERADORA DEL ISTMO, S.A..	04-13	01/03/2013	31/12/2027	0.1237
LPI 07-12	FOUNTAIN INTERTRADE CORP	05-13	01/03/2013	31/12/2027	0.1322
LPI 07-12	HIDROIBERICA, S.A..	06-13	01/03/2013	31/12/2027	0.1050
LPI 07-12	NAVITAS INTERNACIONAL, S.A..	07-13	01/12/2017	31/12/2027	0.1015
LPI 07-12	HIDROECOLÓGICA DEL TERIBE, S.A..	08-13	01/03/2013	31/12/2027	0.1360
LPI 07-12	HIDRONORTH CORP.	09-13	01/02/2018	31/12/2027	0.1437
LPI 02-13	PASO ANCHO HYDRO POWER	23-13	01/07/2024	31/12/2027	0.1104
LPI 02-13	EMPRESA NACIONAL DE ENERGÍA, S.A..	24-13	01/01/2014	31/12/2027	0.1275
LPI 02-13	FUERZA ELÉCTRICA DEL ISTMO, S.A..	25-13	01/03/2016	31/12/2027	0.1276
LPI 02-13	CAFÉ DE ELETA, S.A..	26-13	01/07/2013	31/12/2027	0.1280
LPI 02-13	ENERGÍA Y SERVICIOS DE PANAMÁ, S.A..	27-13	01/07/2013	31/12/2027	0.1322
LPI 02-13	GENERADORA PEDREGALITO, S.A..	28-13	01/12/2015	31/12/2027	0.1320
LPI 02-13	GENERADORA RIO CHICO, S.A..	29-13	01/12/2015	31/12/2027	0.1320
LPI 02-13	GENERADORA ALTO VALLE, S.A..	30-13	01/12/2015	31/12/2027	0.1325
LPI 02-13	HYDRO CAISÁN, S.A..	31-13	01/12/2015	31/12/2027	0.1325
LPI 03-13	UEP (PE PORTOBELO)	03-14	01/07/2029	31/12/2033	0.0919
LPI 03-13	UEP (PE MARAÑÓN)	04-14	01/07/2029	31/12/2033	0.0949
LPI 03-13	PARQUE EÓLICO TOABRE	05-14	01/08/2021	31/07/2036	0.0950
LPI 03-14	PANAMÁSOLAR2, S.A..	07-15	01/10/2017	30/09/2037	0.0860
LPI 03-14	SOLPAC INVESTMENT, S.A..	08-15	17/08/2021	16/08/2041	0.1048
LPI 01-22	CALDERA ENERGY CORP.	01-23	01/09/2024	30/09/2024	0.085
LPI 01-22	EMPRESA NACIONAL DE ENERGÍA, S.A.	02-23	01/07/2023	01/09/2024	0.088
LPI 01-22	HIDRO BOQUERON, S. A	05-23	01/06/2023	30/09/2024	0.0745
LPI 01-22	HIDROIBERICA, S.A.	06-23	01/03/2023	30/09/2024	0.081
LPI 01-22	FOUNTAIN HYDRO POWER CORP.	03-23	01/07/2023	30/06/2024	0.10250
LPI 01-22	HIDROECOLÓGICA DEL TERIBE, S.A.	07-23	01/05/2024	30/06/2024	0.10950
LPI 01-22	ISTMUS HYDRO POWER S. de R.L.	09-23	01/05/2024	30/06/2024	0.11700
LPI 01-22	LAS PERLAS NORTE. S. de R.L.	10-23	01/06/2024	30/06/2024	0.11700
LPI 01-22	LAS PERLAS SUR, S. DE R. L.	11-23	01/05/2024	30/09/2024	0.0979
LPI 01-22	SOLAR BOQUERON, S. A	12-23	01/05/2023	30/09/2024	0.0785
LPI 01-23	HIDRO PIEDRA, S.A.	50-23	01/05/2024	05/31/2024	0.13571
LPI 01-23	PEDREGAL POWER COMPANY, S. DE R.L	51-23	01/05/2024	05/31/2024	0.19323

## Total de Potencia y Energía de los Contratos Vigentes

A continuación, presentamos el total de Potencia Firme y de Energía contratada mensualmente para los años 2024-2044.

### Cuadro No. 1 Potencia Firme Contratada Mensual (MW)

#### Potencia Contratada para EDEMET (MW)

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
2024	829.14	845.74	849.09	823.19	818.42	836.52	829.52	838.17	836.17	896.72	896.72	896.72
2025	983.69	983.69	983.69	983.69	986.72	986.72	986.72	986.72	986.72	986.72	986.72	986.72
2026	966.65	966.65	966.65	966.65	969.67	969.67	969.67	969.67	969.67	969.67	969.67	969.67
2027	966.65	966.65	966.65	966.65	969.67	969.67	954.27	954.27	954.27	954.27	954.27	954.27
2028	951.25	951.25	951.25	951.25	954.27	954.27	954.27	1,029.27	833.27	833.27	833.27	833.27
2029	830.25	830.25	830.25	830.25	833.27	833.27	833.27	833.27	833.27	833.27	833.27	833.27
2030	787.38	787.38	787.38	780.71	780.71	780.71	779.18	779.18	779.18	779.18	779.18	777.91
2031	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00
2032	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00
2033	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00
2034	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00
2035	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00
2036	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00
2037	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00	561.00
2038	561.00	561.00	365.00	365.00	365.00	365.00	365.00	365.00	365.00	365.00	365.00	365.00
2039	365.00	365.00	365.00	365.00	365.00	365.00	365.00	365.00	365.00	365.00	365.00	365.00
2040	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00
2041	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00
2042	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00
2043	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00
2044	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	275.00	0.00	0.00	0.00

## Cuadro No. 2 Energía Contratada Mensual (GWh)

### Energía Contratada para EDEMET (GWh)

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
<b>2024</b>	380.02	346.95	393.54	377.01	375.47	364.30	379.78	386.82	373.86	458.40	446.35	475.91
<b>2025</b>	516.44	478.51	524.52	514.18	514.44	504.34	522.67	535.28	509.11	507.35	500.21	531.55
<b>2026</b>	520.65	483.00	528.11	504.45	506.53	504.21	526.96	541.49	516.58	516.79	510.08	542.13
<b>2027</b>	532.15	475.44	532.15	505.51	506.17	502.97	523.93	540.86	517.13	519.70	514.82	546.41
<b>2028</b>	519.06	463.29	525.99	494.35	486.27	469.65	511.38	558.86	430.12	431.93	430.12	473.15
<b>2029</b>	434.49	408.88	465.50	435.25	425.00	409.80	444.61	453.59	426.55	427.87	422.18	464.48
<b>2030</b>	428.14	377.66	417.31	396.85	394.07	392.90	426.69	434.55	411.39	408.41	403.16	440.76
<b>2031</b>	316.16	276.94	311.73	290.07	282.25	284.92	312.62	315.19	297.92	303.08	301.00	321.39
<b>2032</b>	315.10	277.50	308.22	282.08	284.67	285.63	315.93	321.47	301.12	306.64	302.78	335.94
<b>2033</b>	322.34	277.57	308.93	290.13	283.38	286.42	319.14	321.21	305.98	308.67	300.32	336.09
<b>2034</b>	314.78	269.61	307.26	282.06	277.15	285.15	318.04	324.25	304.31	309.44	304.04	330.90
<b>2035</b>	318.21	270.58	309.42	282.09	276.21	286.12	321.19	327.54	307.47	312.59	306.78	334.24
<b>2036</b>	320.67	271.45	311.60	282.09	275.22	287.04	324.35	330.80	310.16	316.10	309.81	337.72
<b>2037</b>	324.70	271.73	313.55	282.02	274.13	287.84	327.40	333.86	312.59	318.02	311.11	338.89
<b>2038</b>	325.83	270.95	208.47	185.33	178.76	188.03	215.59	216.14	201.42	206.53	200.55	215.40
<b>2039</b>	205.34	169.44	197.19	177.06	172.77	185.99	213.39	218.10	203.03	208.52	202.43	217.24
<b>2040</b>	156.10	128.04	149.51	133.35	129.64	140.52	162.27	165.86	154.28	158.68	153.94	165.23
<b>2041</b>	157.51	128.38	150.42	133.27	129.09	140.88	163.74	167.40	155.32	160.01	154.86	166.70
<b>2042</b>	158.89	128.67	150.97	132.88	128.28	140.97	164.89	168.56	156.49	161.46	156.15	168.14
<b>2043</b>	160.62	129.03	151.82	132.75	127.58	141.20	166.57	169.78	157.79	162.78	157.17	169.34
<b>2044</b>	161.70	129.62	152.94	132.65	127.14	141.89	168.18	170.59	159.39	0.00	0.00	0.00

## 1.2 Contratos Vigentes de EDECHI

### Contratos de Potencia con Energía Asociada

A continuación, se muestran los Contratos de Suministro de Potencia con Energía asociada para EDECHI:

Licitación	Generadora	Contrato	Fecha		Precio Potencia	Precio Energía
			Inicio	Final	(\$/KW-mes)	(\$/KWh)
CESIÓN MIFTA LPI 02-10	EMPRESA NACIONAL DE ENERGÍA, S.A.	36-11	01/09/2016	31/12/2029	10.25	0.0797
LPI 02-10	ENEL FORTUNA S.A.	37-11	01/01/2015	31/12/2029	6.95	0.0975
LPI 02-10	ELECTROGENERADORA DEL ISTMO, S.A..	38-11	01/01/2015	31/12/2029	25.00	0.0633
LPI 02-10	ENERGÍA Y SERVICIOS DE PANAMÁ, S.A..	39-11	01/01/2015	31/12/2029	11.65	0.0910
LPI 02-10	GENERADORA PEDREGALITO, S.A..	40-11	01/01/2015	31/12/2029	30.00	0.0542
LPI 02-10	GENERADORA RIO CHICO, S.A..	41-11	01/01/2015	31/12/2029	30.00	0.0542
LPI 02-10	GENERADORA ALTO VALLE, S.A..	42-11	01/07/2015	30/06/2030	30.00	0.0542
LPI 02-10	HIDROECOLÓGICA DEL TERIBE, S.A..	43-11	01/04/2015	31/03/2030	8.50	0.1031
LPI 02-10	DES. HIDRO. CORP.	44-11	15/11/2015	15/11/2030	10.35	0.0965
CESIÓN CONS. HID. TABASARÁ, S.A. LPI 02-10	LAS PERLAS NORTE S.A..	45-11	06/08/2016	31/12/2029	9.00	0.1008
LPI 02-10	HIDRO. SAN LORENZO	46-11	01/01/2015	31/12/2029	15.00	0.0895
LPI 02-10	CALDERA ENERGY CORP.	47-11	01/01/2015	31/12/2029	25.00	0.0633
LPI 06-12	COAL POWER, S.A.	06-12	01/01/2025	31/12/2039	10.00	0.1004
LPI 01-12	AES PANAMA	122-12	01/01/2016	31/12/2030	10.00	0.0901
LPI 01-12	HIDRO PIEDRA, S.A..	123-12	01/01/2016	31/12/2030	8.12	0.0948
LPI 01-12	CORPORACIÓN DE ENERGÍA DEL ISTMO, S.A..	124-12	01/01/2016	31/12/2030	8.90	0.1000
LPI 01-12	SALTOS DE FRANCOLÍ	126-12	01/01/2016	31/12/2030	13.53	0.1035
LPI 01-13	GENERADORA GATUN, S.A.	21-13	01/10/2024	30/09/2044	18.89	0.0880
LPI 01-15	GAS NATURAL ATLÁNTICO S. de R.L.	17-15	01/09/2018	31/08/2028	38.83	0.0268
LPI 02-15	ENEL FORTUNA S.A.	19-15	01/03/2023	28/02/2038	32.09	0.0209

Los precios de Potencia y Energía indicados en la tabla son precios promedio del periodo de suministro.

## Volumen de Potencia Firme en Contratos de Potencia Firme y Energía

N° Contrato	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
36-11	0.67	0.67	0.67	0.67	0.67	0.67	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	0.00	0.00
37-11	1.97	1.97	1.97	1.97	1.97	1.97	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	0.00	0.00
38-11	0.08	0.08	0.08	0.08	0.08	0.08	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	0.00	0.00
39-11	0.36	0.36	0.36	0.36	0.36	0.36	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	0.00	0.00
40-11	0.26	0.26	0.26	0.26	0.26	0.26	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	0.00	0.00
41-11	0.16	0.16	0.16	0.16	0.16	0.16	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	0.00	0.00
42-11	0.15	0.15	0.15	0.15	0.15	0.15	0.15	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	0.00
43-11	0.67	0.67	0.67	0.67	0.67	0.67	0.67	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	0.00
44-11	0.13	0.13	0.13	0.13	0.13	0.13	0.13	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	0.00
45-11	0.79	0.79	0.79	0.79	0.79	0.79	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	0.00	0.00
46-11	0.09	0.09	0.09	0.09	0.09	0.09	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	0.00	0.00
47-11	0.20	0.20	0.20	0.20	0.20	0.20	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	0.00	0.00
06-12	0.00	10.05	10.05	10.05	10.05	10.05	10.05	10.05	10.05	10.05	10.05	10.05	10.05	10.05	10.05	10.05	0.00	0.00	0.00	0.00	0.00
122-12	24.50	24.50	24.50	24.50	24.50	24.50	24.50	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	0.00
123-12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	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	0.00
124-12	0.62	0.62	0.62	0.62	0.62	0.62	0.62	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	0.00
126-12	0.06	0.06	0.06	0.06	0.06	0.06	0.06	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	0.00
21-13	40.00	40.00	40.00	40.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00
17-15	28.00	28.00	28.00	28.00	28.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19-15	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	0.00	0.00	0.00	0.00	0.00	0.00

Potencia Máxima Contratada (MW)

## Contratos de Sólo Potencia

Los precios de Potencia Firme indicados en la tabla son precios promedio del periodo de suministro.

Licitación	Generadora	Contrato	Fecha		Precio Potencia (\$/KW-mes)
			Inicio	Final	
LPI 01-22	AUTORIDAD DEL CANAL DE PANAMÁ	34-23	01/03/2023	30/09/2024	7.50
LPI 01-22	GENERADORA DEL ATLÁNTICO, S.A.	36-23	01/04/2023	28/02/2026	6.42
LPI 01-22	GENERADORA DEL ATLÁNTICO, S.A.	37-23	1/09/2023	31/12/2025	7.96
LPI 01-22	PEDREGAL POWER COMPANY, S. DE R. L	38-23	01/04/2023	30/11/2025	8.39
LPI 01-22	PAN-AM GENERATING LIMITED	39-23	01/09/2023	31/12/2024	8.73
LPI 01-22	PAN-AM GENERATING LIMITED	40-23	30/09/2023	30/09/2024	8.65
LPI 01-22	SPARKLE POWER, S.A.	41-23	01/04/2023	28/02/2026	5.50
LPI 01-22	TROPITERMICA, S.A.	42-23	01/04/2023	31/12/2025	7.30
LPI 01-23	CELSIA CENTROAMÉRICA, S.A.	69-23	01/01/2024	31/12/2025	7.20
LPI 01-23	GENERADORA DEL ATLÁNTICO, S.A.	70-23	01/01/2024	31/12/2025	6.20

**Precio promedio de potencia del periodo del suministro**

## Volumen de Potencia Firme en Contratos de Potencia Firme (MW)

N° Contrato	2024	2025	2026
34-23	8.5	-	-
36-23	26.00	17.55	12.54
37-23	9.10	2.60	-
38-23	8.50	8.36	-
39-23	14.45	-	-
40-23	8.50	-	-
41-23	11.70	12.15	9.9
42-23	-	0.27	-
69-23	13.44	15.36	-
70-23	0.56	11.25	-

**Potencia Máxima Contratada (MW)**

## Contratos de Sólo Energía

Los precios por la Energía indicados en la siguiente tabla son precios promedio del periodo de suministro

Licitación	Generadora	Contrato	Fecha		Precio Energía (\$/KWh)
			Inicio	Final	
LPI 03-10	PASO ANCHO HYDRO POWER	86-11	01/01/2014	30/06/2024	0.0899
LPI 03-10	HIDROECOLÓGICA DEL TERIBE, S.A..	89-11	01/04/2015	28/02/2025	0.1085
LPI 05-11	UEP (PE NUEVO CHAGRES)	19-12	01/07/2014	30/06/2029	0.0950
LPI 05-11	UEP (PE ROSA DE LOS VIENTOS)	20-12	01/07/2014	30/06/2029	0.0980
LPI 05-11	UEP (PE PORTOBELO)	21-12	01/07/2014	30/06/2029	0.1080

Licitación	Generadora	Contrato	Fecha		Precio Energía
			Inicio	Final	(\$/KWh)
LPI 05-11	UEP (PE MARAÑON)	22-12	01/07/2014	30/06/2029	0.1100
CESIÓN HIDROELÉCTRICA TIZINGAL, S.A. LPI 07-12	ISTMUS HIDRO POWER	10-13	01/07/2016	31/12/2027	0.1200
LPI 07-12	CALDERA ENERGY CORP.	11-13	01/03/2013	31/12/2027	0.1212
LPI 07-12	ELECTROGENERADORA DEL ISTMO, S.A.	12-13	01/03/2013	31/12/2027	0.1237
LPI 07-12	FOUNTAIN INTERTRADE CORP	13-13	01/03/2013	31/12/2027	0.1322
LPI 07-12	HIDROIBERICA, S.A..	14-13	01/03/2013	31/12/2027	0.1050
LPI 07-12	NAVITAS INTERNACIONAL, S.A.	15-13	01/12/2017	31/12/2027	0.1015
LPI 07-12	HIDROECOLÓGICA DEL TERIBE, S.A.	16-13	01/03/2013	31/12/2027	0.1360
LPI 07-12	HIDRONORTH CORP.	17-13	01/07/2014	31/12/2027	0.1437
LPI 02-13	PASO ANCHO HYDRO POWER	32-13	01/07/2024	31/12/2027	0.1189
LPI 02-13	EMPRESA NACIONAL DE ENERGÍA, S.A.	33-13	01/01/2014	31/12/2027	0.1275
LPI 02-13	SALTOS DEL FRANCOLÍ	34-13	01/03/2016	31/12/2027	0.1276
LPI 02-13	CAFÉ DE ELETA, S.A..	35-13	01/07/2013	31/12/2027	0.1280
LPI 02-13	ENERGÍA Y SERVICIOS DE PANAMÁ, S.A..	36-13	01/07/2013	31/12/2027	0.1322
LPI 02-13	GENERADORA PEDREGALITO, S.A..	37-13	01/12/2015	31/12/2027	0.1320
LPI 02-13	GENERADORA RIO CHICO, S.A..	38-13	01/12/2015	31/12/2027	0.1320
LPI 02-13	GENERADORA ALTO VALLE, S.A..	39-13	01/12/2015	31/12/2027	0.1287
LPI 02-13	HYDRO CAISÁN, S.A..	40-13	01/12/2015	31/12/2027	0.1294
LPI 03-13	UEP (PE PORTOBELLO)	07-14	01/07/2029	31/12/2033	0.0919
LPI 03-13	UEP (PE MARAÑON)	08-14	01/07/2029	31/12/2033	0.0949
LPI 03-13	PARQUE EÓLICO TOABRE	09-14	01/08/2021	31/07/2036	0.0950
LPI 03-14	PANAMÁSOLAR2, S.A..	10-15	01/10/2017	30/09/2037	0.0860
LPI 03-14	SOLPAC INVESTMENT, S.A..	11-15	17/08/2021	16/08/2041	0.1048
LPI 01-22	FOUNTAIN HYDRO POWER CORP.	03-23	01/07/2023	30/06/2024	0.10250
LPI 01-22	HIDROECOLÓGICA DEL TERIBE, S.A.	07-23	01/05/2024	30/06/2024	0.10950
LPI 01-22	ISTMUS HYDRO POWER S. de R.L.	09-23	01/05/2024	30/06/2024	0.11700
LPI 01-22	LAS PERLAS NORTE. S. de R.L.	10-23	01/06/2024	30/06/2024	0.11700
LPI 01-22	CALDERA ENERGY CORP.	22-23	01/09/2023	31/10/2024	0.085
LPI 01-22	EMPRESA NACIONAL DE ENERGÍA, S.A.	23-23	01/07/2023	30/11/2024	0.0847
LPI 01-22	HIDRO BOQUERON, S. A	26-23	01/06/2023	31/07/2025	0.0745
LPI 01-22	HIDROIBERICA, S.A.	27-23	01/03/2023	31/07/2025	0.0804
LPI 01-22	IDEAL PANAMÁ, S.A.	29-23	01/07/2023	31/07/2025	0.0800
LPI 01-22	LAS PERLAS SUR, S. DE R. L.	32-23	01/05/2024	30/11/2024	0.0952
LPI 01-22	SOLAR BOQUERON, S. A	33-23	01/05/2023	31/07/2025	0.0785
LPI 01-23	HIDRO PIEDRA, S.A.	50-23	01/05/2024	31/05/2024	0.13571
LPI 01-23	PEDREGAL POWER COMPANY, S. DE R.L	51-23	01/05/2024	31/05/2024	0.19323
LPI 01-23	CALDERA ENERGY CORP.	54-23	01/03/2025	31/05/2025	0.0850
LPI 01-23	SPARKLE POWER, S.A.	66-23	01/03/2025	31/05/2025	0.1300
LPI 01-23	ELECTRON INVESTMENT, S.A.	55-23	01/08/2024	30/09/2024	0.0890
LPI 01-23	EMPRESA NACIONAL DE ENERGÍA, S.A.	56-23	01/05/2025	31/05/2025	0.1127

Licitación	Generadora	Contrato	Fecha		Precio Energía
			Inicio	Final	(\$/KWh)
LPI 01-23	GENA SOLAR, S.A.	59-23	01/03/2025	30/05/2025	0.0920
LPI 01-23	GENERADORA DEL ISTMO, S.A.	58-23	01/08/2024	30/09/2024	0.0943
LPI 01-23	HIDRO PIEDRA, S.A.	61-23	01/01/2024	31/05/2025	0.1312
LPI 01-23	HYDRO CAISÁN, S.A.	60-23	01/09/2024	30/09/2024	0.0976
LPI 01-23	ISTMUS HYDRO POWER S. de R.L.	62-23	01/07/2024	30/09/2024	0.1301
LPI 01-23	LAS PERLAS NORTE. S. de R.L.	63-23	01/08/2024	30/09/2024	0.1112
LPI 01-23	LAS PERLAS SUR, S. DE R. L.	64-23	01/07/2024	30/09/2024	0.1301
LPI 01-23	TECNISOL IV, S.A.	67-23	01/03/2025	30/04/2025	0.1310
LPI 01-23	UEP PENONOMÉ II, S.A.	68-23	01/01/2024	30/04/2025	0.1300

**Precio promedio de energía del periodo del suministro**

## Total de Potencia y Energía de los Contratos Vigentes

A continuación, presentamos el total de Potencia Firme y de Energía contratada mensualmente para los años 2024-2044.

### Cuadro No.3 Potencia Firme Contratada Mensual (MW)

Potencia Contratada para EDECHI (MW)

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
<b>2024</b>	146.13	157.08	155.63	158.63	152.44	153.59	157.39	152.59	156.74	174.94	170.84	177.00
<b>2025</b>	160.14	166.02	184.15	186.50	175.08	167.20	169.29	168.68	170.53	173.00	167.41	179.35
<b>2026</b>	145.58	159.02	136.58	136.58	136.89	136.89	136.89	136.89	136.89	136.89	136.89	136.89
<b>2027</b>	136.58	136.58	136.58	136.58	136.89	136.89	136.89	136.89	136.89	136.89	136.89	136.89
<b>2028</b>	136.58	136.58	136.58	136.58	136.89	136.89	136.89	151.89	123.89	123.89	123.89	123.89
<b>2029</b>	123.58	123.58	123.58	123.58	123.89	123.89	123.89	123.89	123.89	123.89	123.89	123.89
<b>2030</b>	119.30	119.30	119.30	118.64	118.64	118.64	118.48	118.48	118.48	118.48	118.48	118.36
<b>2031</b>	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05
<b>2032</b>	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05
<b>2033</b>	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05
<b>2034</b>	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05
<b>2035</b>	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05
<b>2036</b>	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05
<b>2037</b>	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05	93.05
<b>2038</b>	93.05	93.05	65.05	65.05	65.05	65.05	65.05	65.05	65.05	65.05	65.05	65.05
<b>2039</b>	65.05	65.05	65.05	65.05	65.05	65.05	65.05	65.05	65.05	65.05	65.05	65.05
<b>2040</b>	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00
<b>2041</b>	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00
<b>2042</b>	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00
<b>2043</b>	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00
<b>2044</b>	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	0.00	0.00	0.00

### Cuadro No. 4 Energía Contratada Mensual (GWh)

Energía Contratada para EDECHI (GWh)

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
<b>2024</b>	64.01	56.54	65.69	61.52	62.97	60.91	61.77	63.18	62.66	83.36	76.38	81.84
<b>2025</b>	93.88	85.51	92.19	90.59	89.40	85.82	89.23	87.73	85.76	89.24	83.07	86.59
<b>2026</b>	95.77	86.49	93.04	89.55	87.47	87.44	91.00	88.80	87.14	90.55	84.18	86.59
<b>2027</b>	96.53	83.83	91.52	88.98	87.42	88.44	91.80	88.99	87.58	91.16	84.36	85.67
<b>2028</b>	94.68	82.18	90.76	86.74	83.48	79.99	83.22	87.10	70.15	71.95	68.22	73.17
<b>2029</b>	78.77	75.54	83.55	79.97	76.48	72.53	76.22	72.60	70.11	71.82	66.86	72.92
<b>2030</b>	83.61	71.36	72.71	75.23	73.34	73.09	75.54	70.93	71.10	70.74	66.04	68.85
<b>2031</b>	69.16	58.51	62.54	61.30	56.87	58.92	61.10	55.08	55.59	59.51	56.54	53.18
<b>2032</b>	67.42	58.69	59.03	56.33	58.89	59.73	61.15	57.78	57.31	60.37	57.34	58.56
<b>2033</b>	70.20	58.52	58.42	61.36	58.84	60.58	61.73	56.11	59.80	59.63	54.87	57.20
<b>2034</b>	64.24	53.31	56.30	56.57	55.58	59.10	59.88	56.61	58.65	59.07	55.80	53.75
<b>2035</b>	65.01	53.58	56.34	56.81	55.63	59.12	60.44	57.14	59.39	59.23	56.59	53.76
<b>2036</b>	65.65	53.63	56.32	56.95	55.66	59.64	60.84	57.63	60.34	59.74	57.40	53.99
<b>2037</b>	66.34	53.80	56.30	57.18	55.65	60.14	61.29	58.16	61.32	59.92	57.86	53.84
<b>2038</b>	66.39	53.34	41.10	41.32	39.68	42.81	43.85	39.12	41.47	40.41	38.26	34.00
<b>2039</b>	41.07	32.84	34.33	36.38	36.36	41.16	41.64	39.43	42.18	40.82	38.37	34.09
<b>2040</b>	35.04	27.84	29.04	30.87	30.77	35.04	35.50	33.65	36.28	34.68	32.66	28.82
<b>2041</b>	35.46	27.89	29.04	30.97	30.78	35.31	35.78	33.95	36.42	34.85	32.82	28.74
<b>2042</b>	35.74	27.87	28.95	30.98	30.71	35.49	35.99	34.14	36.69	35.12	33.04	28.73
<b>2043</b>	36.05	27.89	28.91	31.04	30.68	35.70	36.23	34.39	37.10	35.33	33.24	28.70
<b>2044</b>	36.31	27.91	28.87	31.09	30.65	35.90	36.46	34.64	37.30	0.00	0.00	0.00

### 1.3 Contratos Vigentes de ENSA

**Contratos de Potencia con Energía Asociada:** A continuación, se muestra los Contratos de Suministro de Potencia con Energía asociada para ENSA.

Licitación	Generadora	Contrato	Fecha		Precio Potencia	Precio Energía
			Inicio	Final	(\$/KW-mes)	(\$/KWh)
EDEMET 01-08	HYDRO CAISÁN, S.A.	DME-010-08	01/07/2014	31/07/2024	31.62	0.0306
EDEMET 01-08	ELECTRO INVESTMENT	DME-011-08	01/10/2014	31/06/2026	15.00	0.069
LPI 02-10	ENEL FORTUNA S.A.	DME-016-11	01/01/2015	31/12/2029	6.55	0.0942
LPI 02-10	HIDROECOLÓGICA DEL TERIBE, S.A..	DME-018-11	01/01/2015	31/12/2029	8.50	0.1009
LPI 02-10	ENERGÍA Y SERVICIOS DE PANAMÁ, S.A.	DME-020-11	01/01/2015	31/12/2029	11.50	0.0912
LPI 02-10	GENERADORA PEDREGALITO, S.A.	DME-021-11	01/01/2015	31/12/2029	30.00	0.0542
LPI 02-10	CALDERA ENERGY CORP.	DME-022-11	01/01/2015	31/12/2029	25.00	0.0633
LPI 02-10	GENERADORA RIO CHICO, S.A.	DME-023-11	01/01/2015	31/12/2029	30.00	0.0542
LPI 02-10	GENERADORA ALTO VALLE, S.A.	DME-024-11	01/01/2015	31/12/2029	30.00	0.0542
LPI 02-10	DES. HIDRO. CORP.	DME-025-11	01/01/2018	30/11/2030	10.35	0.0965
LPI 02-10	HIDRO. SAN LORENZO	DME-026-11	01/01/2015	31/12/2029	15.00	0.0895
LPI 02-10	ELECTROGENERADORA DEL ISTMO, S.A.	DME-027-11	01/01/2015	31/12/2029	25.00	0.0633
LPI 01-12	AES PANAMA, S.A.	DME-062-12	01/01/2019	31/12/2030	10.00	0.0901
LPI 01-12	HIDRO PIEDRA, S.A.	DME-063-12	01/01/2016	31/12/2030	8.36	0.0940
LPI 01-12	CORPORACIÓN DE ENERGÍA DEL ISTMO, S.A.	DME-064-12	01/01/2016	31/12/2030	8.90	0.1000
LPI 01-12	SALTOS DEL FRANCOLÍ, S.A	DME-066-12	01/01/2019	31/12/2030	13.53	0.1000
LPI 06-12	COAL POWER, S.A.	DME-006-14	01/01/2026	12/31/2038	10.00	0.1004
LPI 01-13	GENERADORA GATÚN, S.A.	DME-010-13	01/10/2024	30/09/2044	18.89	0.0880
LPI 01-15	GAS NATURAL ATLÁNTICO, S. de R.L.	DME-004-15	01/09/2018	31/08/2028	38.83	0.0209

Los precios de Potencia y Energía indicados en la tabla son precios promedio del periodo de suministro.

### Volumen de Potencia Firme en Contratos de Potencia Firme y Energía

N° Contrato	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
DME-010-08	5.092	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DME-011-08	10.35	4.60	4.60	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	0.00	0.00	0.00	0.00	0.00
DME-016-11	7.87298	7.87298	7.87298	7.87298	7.87298	7.87298	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	0.00	0.00
DME-018-11	2.667	2.667	2.667	2.667	2.667	2.667	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	0.00	0.00
DME-020-11	1.46152	1.46152	1.46152	1.46152	1.46152	1.46152	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	0.00	0.00
DME-021-11	1.05026	1.05026	1.05026	1.05026	1.05026	1.05026	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	0.00	0.00
DME-022-11	0.8001	0.8001	0.8001	0.8001	0.8001	0.8001	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	0.00	0.00
DME-023-11	0.64408	0.64408	0.64408	0.64408	0.64408	0.64408	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	0.00	0.00
DME-024-11	0.61288	0.61288	0.61288	0.61288	0.61288	0.61288	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	0.00	0.00
DME-025-11	0.50753	0.50753	0.50753	0.50753	0.50753	0.50753	0.50753	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	0.00
DME-026-11	0.35551	0.35551	0.35551	0.35551	0.35551	0.35551	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	0.00	0.00
DME-027-11	0.33338	0.33338	0.33338	0.33338	0.33338	0.33338	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	0.00	0.00
DME-062-12	115.50	115.50	115.50	115.50	115.50	115.50	115.50	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	0.00
DME-063-12	0.5894	0.5894	0.5894	0.5894	0.5894	0.5894	0.5894	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	0.00
DME-064-12	2.9073	2.9073	2.9073	2.9073	2.9073	2.9073	2.9073	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	0.00
DME-066-12	0.3042	0.3042	0.3042	0.3042	0.3042	0.3042	0.3042	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	0.00
DME-006-14	0.00	0.00	49.95	49.95	49.95	49.95	49.95	49.95	49.95	49.95	49.95	49.95	49.95	49.95	49.95	0.00	0.00	0.00	0.00	0.00	0.00
DME-010-13	160.00	160.00	160.00	160.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00
DME-004-15	126.00	126.00	126.00	126.00	126.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

### Potencia Máxima Contratada (MW)

## Contratos de Solo Potencia

Licitación	Generadora	Contrato	Fecha		Precio Potencia (\$/KW-mes)
			Inicio	Final	
LPI 02-15	ALTERNEGY, S.A.	DME-005-15	01/04/2023	31/03/2039	30.00
LPI 01-22	AUTORIDAD DEL CANAL DE PANAMÁ	DME-014-23	01/04/2023	30/09/2024	7.50
LPI 01-22	GENERADORA DEL ATLÁNTICO, S.A.	DME-016-23	01/04/2023	28/02/2026	5.86
LPI 01-22	GENERADORA DEL ATLÁNTICO, S.A.	DME-017-23	01/09/2023	31/12/2025	7.85
LPI 01-22	PEDREGAL POWER COMPANY, S. DE R. L	DME-018-23	01/04/2023	30/11/2025	8.32
LPI 01-22	PAN-AM GENERATING LIMITED	DME-019-23	01/09/2023	31/12/2024	8.74
LPI 01-22	PAN-AM GENERATING LIMITED	DME-020-23	30/09/2023	30/09/2024	8.65
LPI 01-22	SPARKLE POWER, S.A.	DME-021-23	01/04/2023	28/02/2026	5.50
LPI 01-22	TROPITERMICA, S.A.	DME-022-23	01/04/2023	31/12/2025	8.24
LPI 01-23	CELSIA CENTROAMÉRICA, S.A.	DME-038-23	01/01/2024	31/12/2025	7.75
LPI 01-23	GENERADORA DEL ATLÁNTICO, S.A.	DME-039-23	01/01/2024	31/12/2025	6.49

**Precio promedio de potencia del periodo del suministro**

## Volumen de Potencia Firme en Contratos de Solo Potencia

N° Contrato	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
DME-005-15	126.00	126.00	126.00	126	126	126	126	126	126	126	126	126	126	126	126	126
DME-014-23	31.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DME-016-23	80	55.9	44.46	-	-	-	-	-	-	-	-	-	-	-	-	-
DME-017-23	28	8.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DME-018-23	31.5	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DME-019-23	53.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DME-020-23	31.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DME-021-23	36	38.7	40.5	-	-	-	-	-	-	-	-	-	-	-	-	-
DME-022-23	0	0.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DME-038-23	48	48.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DME-039-23	2	69.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**Potencia Máxima Contratada (MW)**

## Contratos de Solo Energía

Licitación	Generadora	Contrato	Fecha		Precio Energía (\$/KWh)
			Inicio	Final	
LPI 03-10	HIDROECOLÓGICA DEL TERIBE, S.A..	DME-047-11	01/01/2015	31/03/2025	0.1300
LPI 03-10	PASO ANCHO HYDRO POWER	DME-048-11	01/11/2018	30/06/2024	0.0999
LPI 05-11	UEP (PE NUEVO CHAGRES)	DME-008-12	01/07/2014	30/06/2029	0.0950
LPI 05-11	UEP (PE ROSA DE LOS VIENTOS)	DME-009-12	01/07/2014	30/06/2029	0.0980
LPI 05-11	UEP (PE PORTOBELO)	DME-010-12	01/07/2014	30/06/2029	0.1080
LPI 05-11	UEP (PE MARAÑON)	DME-011-12	01/07/2014	30/06/2029	0.1100
LPI 07-12	ISTMUS HYDRO POWER (HIDROELÉCTRICA TIZINGAL, S.A.)	DME-001-13	01/07/2016	31/12/2027	0.0960
LPI 07-12	CALDERA ENERGY CORP.	DME-002-13	01/05/2016	31/12/2027	0.1045
LPI 07-12	ELECTROGENERADORA DEL ISTMO, S.A..	DME-003-13	01/12/2015	31/12/2027	0.1063
LPI 07-12	FOUNTAIN INTERTRADE CORP	DME-004-13	01/07/2015	31/12/2027	0.1117
LPI 07-12	HIDROIBERICA, S.A..	DME-005-13	01/03/2013	31/12/2027	0.1170
LPI 07-12	**NAVITAS INTERNACIONAL, S.A.	DME-006-13	01/01/2017	31/12/2027	0.0897
LPI 07-12	HIDROECOLÓGICA DEL TERIBE, S.A..	DME-007-13	01/05/2015	31/12/2027	0.1179
LPI 02-13	GENERADORA ALTO VALLE, S.A..	DME-011-13	01/06/2016	31/12/2027	0.1148
LPI 02-13	CAFÉ DE ELETA, S.A..	DME-012-13	01/07/2013	31/12/2027	0.1283
LPI 02-13	EMPRESA NACIONAL DE ENERGÍA, S.A.	DME-013-13	01/01/2014	31/12/2027	0.1190
LPI 02-13	ENERGÍA Y SERVICIOS DE PANAMÁ, S.A..	DME-014-13	01/07/2013	31/12/2027	0.1308
LPI 02-13	FUERZA ELÉCTRICA DEL ISTMO, S.A..	DME-015-13	01/03/2016	31/12/2027	0.1021
LPI 02-13	HYDRO CAISÁN, S.A..	DME-016-13	01/06/2016	31/12/2027	0.1148
LPI 02-13	PASO ANCHO HYDRO POWER	DME-017-13	01/07/2024	31/12/2027	0.1220
LPI 02-13	GENERADORA PEDREGALITO, S.A..	DME-018-13	01/06/2016	31/12/2027	0.1144
LPI 02-13	GENERADORA RIO CHICO, S.A..	DME-019-13	01/06/2016	31/12/2027	0.1144
LPI 03-13	UEP (PE MARAÑON)	DME-001-14	01/07/2029	31/12/2033	0.0949
LPI 03-13	PARQUE EÓLICO TOABRE	DME-002-14	01/08/2023	31/07/2038	0.0950
LPI 03-13	UEP (PE PORTOBELO)	DME-003-14	01/07/2029	31/12/2033	0.0919
LPI 03-14	PANAMÁSOLAR2, S.A..	DME-002-15	01/09/2017	28/02/2038	0.0860
LPI 03-14	SOLPAC INVESTMENT, S.A..	DME-003-15	01/01/2021	31/12/2040	0.1048
LPI 02-15	ALTERNEGY, S.A.	DME-005-15	01/04/2023	31/03/2039	0.0268
LPI 01-22	CALDERA ENERGY	DME-001-23	01/09/2024	31/10/2024	0.085
LPI 01-22	EMPRESA NACIONAL DE ENERGÍA, S.A.	DME-002-23	01/07/2023	31/08/2025	0.0815
LPI 01-22	FOUNTAIN HYDRO POWER CORP.	DME-003-23	01/07/2023	30/06/2025	0.1000
LPI 01-22	GENA SOLAR, S.A.	DME-005-23	01/06/2025	30/06/2025	0.095
LPI 01-22	HIDRO BOQUERON, S. A	DME-006-23	01/06/2023	30/11/2025	0.0790
LPI 01-22	HIDROIBERICA, S.A.	DME-007-23	01/03/2023	30/11/2025	0.0803
LPI 01-22	HIDROECOLÓGICA DEL TERIBE, S.A..	DME-008-23	01/05/2024	30/06/2024	0.1179
LPI 01-22	IDEAL PANAMÁ, S.A.	DME-009-23	01/07/2023	30/11/2025	0.0811
LPI 01-22	ISTMUS HYDRO POWER S. de R.L.	DME-010-23	05/01/2024	06/30/2024	0.06242
LPI 01-22	LAS PERLAS NORTE, S. DE R. L.	DME-011-23	01/06/2024	31/08/2025	0.0990

LPI 01-22	LAS PERLAS SUR, S. DE R. L.	DME-012-23	01/05/2024	31/08/2025	0.0929
LPI 01-22	SOLAR BOQUERON, S.A.	DME-013-23	01/01/2023	30/11/2025	0.0785
LPI 01-23	CALDERA ENERGY CORP.	DME-023-23	01/01/2025	31/12/2025	0.0838
LPI 01-23	FOUNTAIN HYDRO POWER CORP.	DME-026-23	01/07/2025	31/08/2025	0.1350
LPI 01-23	PEDREGAL POWER COMPANY, S. DE R.L	DME-034-23	05/01/2024	06/30/2024	0.18625
LPI 01-23	SPARKLE POWER, S.A.	DME-035-23	01/11/2024	31/12/2025	0.1300
LPI 01-23	ELECTRON INVESTMENT, S.A.	DME-024-23	01/08/2024	31/12/2025	0.0900
LPI 01-23	EMPRESA NACIONAL DE ENERGÍA, S.A.	DME-025-23	01/05/2025	31/12/2025	0.0930
LPI 01-23	GENA SOLAR, S.A.	DME-028-23	01/01/2025	31/12/2025	0.0845
LPI 01-23	GENERADORA DEL ISTMO, S.A.	DME-027-23	01/08/2024	31/12/2025	0.0900
LPI 01-23	HIDRO PIEDRA, S.A.	DME-030-23	01/01/2024	31/12/2025	0.1142
LPI 01-23	HYDRO CAISÁN, S.A.	DME-029-23	01/09/2024	30/11/2025	0.0867
LPI 01-23	ISTMUS HYDRO POWER S. de R.L.	DME-031-23	01/07/2024	31/12/2025	0.1050
LPI 01-23	LAS PERLAS NORTE. S. de R.L.	DME-032-23	01/08/2024	31/12/2025	0.1025
LPI 01-23	LAS PERLAS SUR, S. DE R. L.	DME-033-23	01/07/2024	31/12/2025	0.1050
LPI 01-23	PEDREGAL POWER COMPANY, S. DE R.L	DME-034-23	01/05/2024	30/06/2024	0.1863
LPI 01-23	TECNISOL IV, S.A.	DME-036-23	01/02/2025	30/04/2025	0.1300
LPI 01-23	UEP PENONOMÉ II, S.A.	DME-037-23	01/01/2024	30/04/2025	0.1300

**Precios Promedios de Energía**

## Total de Potencia Firme

Se incluye la potencia firme de los Contratos de Sólo Potencia y Contratos de Potencia y Energía Vigentes para los años 2024-2044

### Cuadro No.5 Potencia Firme Contratada Mensual (MW)

Potencia Firme Contratada para ENSA (MW)

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
2024	559.95	532.40	530.50	679.40	694.91	675.66	678.86	675.01	672.86	728.11	728.21	737.05
2025	684.44	702.56	724.43	732.08	760.02	719.90	749.81	759.42	730.57	737.10	724.69	740.75
2026	681.95	680.51	600.95	600.95	602.16	602.16	597.56	597.56	597.56	597.56	597.56	597.56
2027	596.35	596.35	596.35	596.35	597.56	597.56	597.56	597.56	597.56	597.56	597.56	597.56
2028	596.35	596.35	596.35	596.35	597.56	597.56	597.56	657.56	531.56	531.56	531.56	531.56
2029	530.35	530.35	530.35	530.35	531.56	531.56	531.56	531.56	531.56	531.56	531.56	531.56
2030	515.76	515.76	515.76	515.76	515.76	515.76	515.76	515.76	515.76	515.76	515.76	515.25
2031	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95
2032	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95
2033	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95
2034	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95
2035	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95
2036	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95
2037	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95
2038	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95	395.95
2039	346.00	346.00	346.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00
2040	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00
2041	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00
2042	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00
2043	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00
2044	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	220.00	0.00	0.00	0.00

### Cuadro No. 6 Energía Contratada Mensual (GWh)

Energía Contratada para ENSA (GWh)

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
2024	148.93	141.30	155.71	151.45	154.07	153.72	151.93	157.67	158.48	247.34	233.61	246.76
2025	238.41	228.89	251.23	238.83	244.87	253.23	246.81	263.05	253.69	255.95	246.11	260.24
2026	248.12	239.03	260.03	244.64	245.31	233.03	233.85	235.89	230.76	232.59	230.98	249.73
2027	246.07	233.41	256.39	242.54	243.14	230.45	233.35	235.35	230.34	232.08	230.47	249.18
2028	242.62	239.60	254.91	240.19	239.54	221.72	225.27	252.93	190.69	191.20	190.27	211.40
2029	202.52	202.57	223.47	209.57	208.13	190.30	195.19	196.06	189.27	189.37	186.99	212.50
2030	204.49	195.04	206.38	200.95	201.39	187.60	191.30	191.08	187.53	184.45	182.19	203.34
2031	149.35	141.99	155.18	145.34	141.37	132.95	136.35	132.97	130.29	132.99	133.58	142.47
2032	146.30	147.28	150.12	138.31	144.36	132.97	136.37	135.76	131.31	133.01	133.60	150.91
2033	149.36	142.54	149.30	145.35	144.36	133.03	136.44	133.05	133.29	131.96	129.26	148.38
2034	140.61	134.26	146.14	138.30	139.60	130.76	133.22	133.05	130.37	130.39	129.25	142.55
2035	140.61	134.26	146.13	138.30	139.60	130.76	133.23	133.04	130.37	130.38	129.25	142.55
2036	140.61	138.88	146.12	138.30	139.60	130.76	133.22	133.04	130.37	130.37	129.25	142.55
2037	140.60	133.66	146.12	138.29	139.59	130.75	133.21	133.04	130.37	130.38	129.25	142.55
2038	140.60	134.26	145.00	137.44	138.83	130.02	132.51	129.60	126.53	127.02	124.05	133.09
2039	106.09	101.16	110.70	102.24	104.86	100.30	100.84	101.55	99.22	99.37	97.29	103.95
2040	101.37	99.90	104.96	102.24	104.85	100.30	100.84	101.55	99.23	99.37	97.29	103.95
2041	101.23	96.34	104.82	102.13	104.74	100.18	100.72	101.44	99.12	99.26	97.18	103.80
2042	101.23	96.34	104.82	102.13	104.74	100.18	100.72	101.44	99.12	99.26	97.18	103.80
2043	101.23	96.34	104.82	102.13	104.74	100.18	100.72	101.44	99.12	99.26	97.18	103.80
2044	101.23	99.78	104.82	102.13	104.74	100.18	100.72	101.44	99.12	0.00	0.00	0.00

## 2 Pronósticos de Demanda 2024-2044

La Proyección de Demanda utilizada es la correspondiente al Informe Indicativo de Demandas 2024-2044 adenda II aprobado por la Autoridad Nacional de los Servicios Públicos (ASEP) mediante resolución AN No. 19089-Elec del 27 de marzo de 2024.

### 2.1 Pronóstico de Demanda de EDEMET

**Cuadro No. 7 Demanda Máxima de Generación (MW)**

DMG anual EDEMET

Años\Meses	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic	Max
2024	861.84	876.48	893.90	895.94	930.74	899.02	876.89	877.86	874.32	881.12	869.70	890.48	930.74
2025	877.93	892.30	923.81	913.49	954.86	905.60	888.78	882.61	887.46	897.67	881.79	908.61	954.86
2026	879.76	894.56	927.33	944.60	986.20	921.98	899.55	890.68	890.76	899.51	884.20	911.63	986.20
2027	884.44	917.96	938.87	967.66	1,013.43	946.31	914.60	902.97	901.12	908.04	892.45	920.43	1,013.43
2028	904.01	941.55	956.95	990.58	1,043.62	973.31	919.22	913.98	913.27	921.05	907.29	930.73	1,043.62
2029	924.25	967.30	982.82	1,017.71	1,075.86	994.86	944.45	937.94	937.70	946.19	931.09	957.64	1,075.86
2030	938.71	988.17	1,003.11	1,045.52	1,109.13	1,005.71	949.52	941.53	941.97	950.74	935.01	962.50	1,109.13
2031	951.95	1,009.22	1,020.45	1,074.62	1,143.44	1,030.18	965.15	956.76	956.29	964.78	949.03	976.75	1,143.44
2032	967.93	1,034.65	1,041.07	1,103.68	1,178.81	1,055.52	980.98	972.67	972.08	980.54	964.67	992.50	1,178.81
2033	985.17	1,059.34	1,062.44	1,132.78	1,214.62	1,079.97	995.93	988.30	987.97	996.76	980.81	1,008.65	1,214.62
2034	1,001.50	1,083.81	1,084.05	1,162.72	1,251.13	1,104.13	1,013.26	1,005.12	1,004.87	1,013.88	997.45	1,026.25	1,251.13
2035	1,017.30	1,108.31	1,105.05	1,193.59	1,288.91	1,129.57	1,029.61	1,021.12	1,020.86	1,030.00	1,013.26	1,042.59	1,288.91
2036	1,033.83	1,134.07	1,126.71	1,225.65	1,328.25	1,156.10	1,046.44	1,037.84	1,037.44	1,046.65	1,029.70	1,059.41	1,328.25
2037	1,051.00	1,160.78	1,149.22	1,258.28	1,368.62	1,183.18	1,063.60	1,054.96	1,054.58	1,063.94	1,046.74	1,076.87	1,368.62
2038	1,068.54	1,187.90	1,172.25	1,291.83	1,410.23	1,210.74	1,081.15	1,072.43	1,072.09	1,081.65	1,064.17	1,094.78	1,410.23
2039	1,086.27	1,215.68	1,195.79	1,326.50	1,453.28	1,239.00	1,099.26	1,090.32	1,089.98	1,099.70	1,081.89	1,113.09	1,453.28
2040	1,104.67	1,244.60	1,220.15	1,362.67	1,498.29	1,268.58	1,117.93	1,108.81	1,108.45	1,118.33	1,100.22	1,131.94	1,498.29
2041	1,123.08	1,273.87	1,244.63	1,399.33	1,544.15	1,298.43	1,136.54	1,127.29	1,126.91	1,136.94	1,118.54	1,150.77	1,544.15
2042	1,142.29	1,304.36	1,270.17	1,437.49	1,592.02	1,329.47	1,155.94	1,146.55	1,146.17	1,156.37	1,137.66	1,170.43	1,592.02
2043	1,162.08	1,335.84	1,296.53	1,477.07	1,641.77	1,361.55	1,175.96	1,166.41	1,166.03	1,176.42	1,157.38	1,190.73	1,641.77
2044	1,182.53	1,368.47	1,323.79	1,518.19	1,693.57	1,394.81	1,196.68	1,186.95	1,186.56	1,197.13	1,177.75	1,211.70	1,693.57

### Cuadro No. 8 Energía Requerida en los Puntos de Entrega de EDEMET (GWh)

#### Pronósticos de Energía anual EDEMET (GWh)

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre	Total
<b>2024</b>	377.46	350.64	400.92	397.22	423.33	389.60	396.08	398.92	379.97	382.06	367.28	397.52	4,661.01
<b>2025</b>	390.17	363.13	414.75	411.51	439.48	403.78	411.05	414.47	394.03	395.62	380.65	415.27	4,833.91
<b>2026</b>	401.55	373.07	425.89	424.31	454.40	417.74	426.34	430.05	408.04	410.34	395.48	431.75	4,998.96
<b>2027</b>	412.50	382.86	437.47	435.56	466.58	427.71	437.49	442.00	419.14	422.74	408.81	445.79	5,138.66
<b>2028</b>	424.29	392.94	448.95	447.57	478.35	439.33	448.98	454.22	430.46	435.30	420.68	459.75	5,280.82
<b>2029</b>	435.63	403.95	461.56	459.42	491.15	451.44	461.21	467.16	441.27	447.19	431.85	473.45	5,425.27
<b>2030</b>	447.93	414.93	474.43	472.27	505.07	463.79	473.93	479.89	452.24	458.31	442.38	487.29	5,572.48
<b>2031</b>	460.10	425.85	487.01	485.07	518.90	476.45	486.19	492.88	463.99	471.31	453.63	500.72	5,722.10
<b>2032</b>	471.67	437.49	500.48	498.47	533.12	489.40	499.40	505.72	474.63	484.64	463.82	515.26	5,874.10
<b>2033</b>	485.48	448.75	513.48	511.44	546.84	502.13	512.17	518.86	486.09	498.40	476.77	528.98	6,029.40
<b>2034</b>	498.32	460.70	527.29	525.11	561.50	515.57	525.70	532.69	498.05	511.88	490.85	541.71	6,189.39
<b>2035</b>	511.70	472.82	541.32	539.14	576.52	529.25	539.47	546.68	511.23	525.34	503.16	555.89	6,352.51
<b>2036</b>	524.06	485.37	555.82	553.63	592.01	543.44	553.69	561.17	524.07	539.82	516.37	570.76	6,520.21
<b>2037</b>	539.46	498.05	570.47	568.23	607.57	557.71	568.06	575.71	536.90	554.38	529.74	585.67	6,691.95
<b>2038</b>	553.77	511.09	585.54	583.25	623.60	572.41	582.84	590.78	550.35	569.35	543.90	600.85	6,867.73
<b>2039</b>	568.34	524.88	600.86	598.51	639.91	587.35	597.87	606.07	564.03	584.42	558.15	616.16	7,046.54
<b>2040</b>	582.91	538.75	616.76	614.37	656.85	602.86	613.47	621.93	578.32	600.06	572.70	632.25	7,231.22
<b>2041</b>	597.98	552.88	632.93	630.49	674.07	618.63	629.33	638.06	592.74	616.05	586.61	649.63	7,419.41
<b>2042</b>	614.62	568.36	649.37	646.88	691.57	634.66	645.47	654.45	607.40	632.29	601.60	666.43	7,613.09
<b>2043</b>	632.09	583.69	666.57	664.03	709.29	651.03	663.32	670.63	623.07	648.51	616.01	682.83	7,811.07
<b>2044</b>	647.53	600.71	685.61	682.01	729.17	670.19	681.53	685.71	640.46	663.68	629.94	697.42	8,013.95

## 2.2 Pronóstico de Demanda de EDECHI

**Cuadro No. 9 Demanda Máxima de Generación (MW)**

**DMG anual EDECHI**

<b>Años\Meses</b>	<b>Enero</b>	<b>Febrero</b>	<b>Marzo</b>	<b>Abril</b>	<b>Mayo</b>	<b>Junio</b>	<b>Julio</b>	<b>Agosto</b>	<b>Septiembre</b>	<b>Octubre</b>	<b>Noviembre</b>	<b>Diciembre</b>	<b>Max</b>
<b>2024</b>	180.20	190.11	194.77	195.53	197.21	192.55	192.50	199.59	200.60	199.98	197.35	201.80	201.80
<b>2025</b>	181.79	191.39	201.95	199.49	202.57	193.63	194.22	203.68	203.28	201.38	199.04	207.80	207.80
<b>2026</b>	182.96	194.46	205.75	203.55	209.07	196.36	196.67	208.29	206.53	204.23	201.36	213.19	213.19
<b>2027</b>	186.77	200.69	213.06	211.06	215.90	200.40	200.29	213.37	211.01	208.27	206.24	221.66	221.66
<b>2028</b>	189.44	205.73	218.87	217.74	222.69	203.59	205.98	217.72	213.49	212.08	209.61	227.34	227.34
<b>2029</b>	193.84	211.86	225.34	222.91	228.18	206.55	209.36	222.85	216.68	214.80	212.22	233.76	233.76
<b>2030</b>	196.10	215.87	231.27	227.21	234.18	206.54	209.94	224.62	216.95	214.84	212.30	237.33	237.33
<b>2031</b>	198.64	220.63	237.09	232.65	240.50	209.27	213.28	229.11	219.84	217.69	215.11	243.77	243.77
<b>2032</b>	201.86	226.17	243.80	238.83	247.23	212.15	219.21	233.74	222.82	220.69	218.17	250.62	250.62
<b>2033</b>	204.98	231.59	250.41	244.75	253.97	214.84	223.48	238.32	225.54	225.86	220.90	257.17	257.17
<b>2034</b>	208.10	236.99	257.08	250.40	260.57	219.27	227.48	243.00	228.34	229.05	223.54	263.95	263.95
<b>2035</b>	211.01	242.30	263.87	256.22	267.50	225.14	231.78	247.76	231.22	234.90	226.35	271.00	271.00
<b>2036</b>	214.18	248.02	270.99	262.51	274.78	229.13	236.46	252.72	234.23	239.20	229.31	278.34	278.34
<b>2037</b>	217.42	253.87	278.31	268.90	282.18	233.36	241.39	257.75	237.24	243.78	232.28	285.84	285.84
<b>2038</b>	220.67	259.80	285.77	275.36	289.74	237.87	246.11	262.86	240.25	248.70	237.19	293.48	293.48
<b>2039</b>	223.95	265.84	293.42	281.92	297.48	242.75	250.91	268.06	243.31	253.54	243.58	301.34	301.34
<b>2040</b>	227.36	272.14	301.42	288.82	305.60	247.84	255.99	273.49	246.53	258.85	247.94	309.57	309.57
<b>2041</b>	230.84	278.62	309.63	295.90	313.93	252.73	261.20	279.03	252.38	264.01	252.60	318.00	318.00
<b>2042</b>	234.50	285.38	318.22	303.29	322.64	257.92	266.64	284.81	257.70	269.46	257.72	326.82	326.82
<b>2043</b>	238.29	292.40	327.17	310.96	331.71	263.38	272.25	290.83	262.26	275.16	263.36	336.01	336.01
<b>2044</b>	242.25	299.74	336.53	318.98	341.20	269.11	278.12	297.11	268.03	281.11	269.23	345.63	345.63

### Cuadro No. 10 Energía Requerida en los Puntos de Entrega de EDECHI (GWh)

#### Pronósticos de Energía anual EDECHI (GWh)

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre	Total
2024	87.82	82.91	95.16	96.78	101.58	93.51	97.08	97.86	95.13	96.71	88.47	94.85	1,127.85
2025	91.76	86.51	98.86	100.13	105.77	97.32	101.16	101.40	98.30	100.16	91.37	98.02	1,170.77
2026	95.09	89.53	102.46	103.42	108.81	100.55	104.70	104.95	101.60	103.07	93.67	100.57	1,208.41
2027	97.78	92.20	105.70	106.54	112.28	103.79	107.57	107.76	104.21	105.82	96.14	103.45	1,243.25
2028	100.47	94.88	108.73	109.59	115.45	106.60	110.51	110.69	107.06	108.62	98.68	106.38	1,277.67
2029	103.11	97.37	111.58	112.55	118.68	109.60	113.57	113.61	109.98	111.60	101.46	109.44	1,312.55
2030	105.58	99.94	114.44	115.72	121.80	112.41	116.51	116.65	112.92	114.77	104.60	112.98	1,348.32
2031	108.09	102.50	117.27	118.61	124.88	115.44	119.77	120.16	116.38	118.31	107.53	116.20	1,385.15
2032	110.68	104.95	120.12	121.68	128.24	118.64	123.20	123.62	120.06	121.68	110.60	119.66	1,423.12
2033	113.23	107.50	123.20	124.92	131.63	121.85	126.80	127.34	123.78	125.08	113.57	123.37	1,462.25
2034	115.97	110.20	126.29	128.13	135.15	125.13	130.28	131.01	127.53	128.73	116.87	127.18	1,502.47
2035	119.01	113.24	129.72	131.67	138.88	128.52	134.00	134.86	130.77	132.39	120.01	130.61	1,543.68
2036	121.99	116.02	133.16	135.23	142.72	131.96	137.61	138.72	134.62	135.97	123.33	134.72	1,586.04
2037	125.13	118.93	136.72	139.09	146.55	135.52	141.51	142.78	138.54	139.90	126.38	138.55	1,629.59
2038	128.25	121.80	140.38	142.82	150.60	139.25	145.54	146.99	142.40	143.65	129.82	142.70	1,674.21
2039	131.40	124.81	143.99	146.58	154.58	142.91	149.47	151.10	146.71	147.91	133.70	146.92	1,720.08
2040	134.59	128.08	147.93	150.68	158.91	146.87	153.74	155.55	151.16	151.70	137.00	150.91	1,767.10
2041	138.27	131.37	151.95	154.88	163.32	150.92	158.09	160.09	155.62	155.77	140.38	154.74	1,815.40
2042	141.92	134.67	155.99	159.09	167.74	154.99	162.47	164.66	160.10	160.22	144.18	159.01	1,865.04
2043	145.44	138.07	160.15	163.41	172.32	159.19	166.99	169.36	164.73	164.61	148.25	163.31	1,915.84
2044	148.93	141.65	164.49	167.92	177.08	163.57	171.69	174.25	169.29	169.10	152.29	167.84	1,968.10

## 2.3 Pronóstico de Demanda de ENSA

**Cuadro No. 11 Demanda Máxima de Generación (MW)**

DMG anual ENSA

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre	Max
<b>2024</b>	693.29	666.86	707.37	721.54	748.46	762.64	754.22	749.15	733.68	744.38	717.33	732.71	762.64
<b>2025</b>	711.89	687.34	726.30	740.46	768.09	776.82	768.28	763.10	747.33	758.27	730.70	746.33	776.82
<b>2026</b>	731.81	706.57	746.62	761.18	789.59	797.31	788.55	783.23	767.05	778.28	749.98	766.02	797.31
<b>2027</b>	752.15	726.21	767.37	782.33	811.53	821.31	812.28	806.80	790.13	801.70	772.55	789.07	821.31
<b>2028</b>	772.90	720.52	788.54	803.91	833.92	844.13	834.85	829.22	812.09	823.98	794.02	811.00	844.13
<b>2029</b>	794.06	766.68	810.14	825.93	856.76	868.77	859.22	853.42	835.79	848.03	817.20	834.67	868.77
<b>2030</b>	815.65	787.52	832.16	848.39	880.05	881.81	872.12	866.24	848.34	860.76	829.46	847.20	881.81
<b>2031</b>	837.66	808.78	854.62	871.28	903.80	906.23	896.27	890.23	871.83	884.60	852.44	870.66	906.23
<b>2032</b>	860.10	801.82	877.51	894.62	928.02	930.42	920.19	913.99	895.10	908.21	875.19	893.90	930.42
<b>2033</b>	882.97	852.52	900.85	918.41	952.69	954.69	944.20	937.83	918.45	931.90	898.02	917.22	954.69
<b>2034</b>	906.28	875.02	924.62	942.65	977.83	979.89	969.11	962.58	942.69	956.49	921.71	941.42	979.89
<b>2035</b>	930.01	897.93	948.84	967.34	1,003.44	1,005.55	994.50	987.79	967.38	981.54	945.85	966.08	1,005.55
<b>2036</b>	954.18	889.52	973.50	992.48	1,029.52	1,031.68	1,020.34	1,013.46	992.52	1,007.05	970.43	991.19	1,031.68
<b>2037</b>	978.79	945.03	998.60	1,018.07	1,056.08	1,058.29	1,046.66	1,039.60	1,018.12	1,033.02	995.46	1,016.75	1,058.29
<b>2038</b>	1,003.84	969.21	1,024.16	1,044.13	1,083.10	1,085.37	1,073.44	1,066.20	1,044.17	1,059.46	1,020.94	1,042.77	1,085.37
<b>2039</b>	1,029.33	993.82	1,050.16	1,070.64	1,110.60	1,112.93	1,100.70	1,093.28	1,070.68	1,086.36	1,046.86	1,069.25	1,112.93
<b>2040</b>	1,055.26	983.74	1,076.62	1,097.61	1,138.58	1,140.97	1,128.43	1,120.82	1,097.66	1,113.73	1,073.23	1,096.18	1,140.97
<b>2041</b>	1,081.63	1,044.32	1,103.52	1,125.04	1,167.04	1,169.49	1,156.63	1,148.83	1,125.09	1,141.56	1,100.05	1,123.58	1,169.49
<b>2042</b>	1,108.44	1,070.21	1,130.88	1,152.93	1,195.97	1,198.48	1,185.30	1,177.31	1,152.98	1,169.86	1,127.33	1,151.43	1,198.48
<b>2043</b>	1,135.70	1,096.53	1,158.69	1,181.29	1,225.38	1,227.95	1,214.46	1,206.26	1,181.34	1,198.63	1,155.05	1,179.75	1,227.95
<b>2044</b>	1,163.40	1,084.56	1,186.96	1,210.10	1,255.27	1,257.91	1,244.08	1,235.69	1,210.15	1,227.87	1,183.22	1,208.53	1,257.91

### Cuadro No. 12 Energía Requerida en los Puntos de Entrega de ENSA (GWh)

#### Pronósticos de Energía anual ENSA (GWh)

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre	Total
<b>2024</b>	293.32	269.43	309.77	311.53	331.41	317.65	315.61	315.72	302.12	306.98	289.60	315.97	3,679.12
<b>2025</b>	304.99	280.24	322.20	320.05	340.49	326.36	324.51	324.63	310.64	315.64	297.77	324.88	3,792.41
<b>2026</b>	313.53	288.09	331.22	329.01	350.03	335.50	333.60	333.72	319.33	324.48	306.11	333.98	3,898.60
<b>2027</b>	322.25	296.10	340.43	338.16	359.76	344.83	342.87	342.99	328.21	333.50	314.62	343.26	4,006.98
<b>2028</b>	331.14	304.27	349.83	347.49	369.69	354.35	352.34	352.46	337.27	342.70	323.30	352.74	4,117.57
<b>2029</b>	340.21	312.61	359.41	357.01	379.81	364.05	361.99	362.12	346.51	352.09	332.16	362.40	4,230.39
<b>2030</b>	349.47	321.11	369.19	366.72	390.15	373.96	371.84	371.97	355.94	361.67	341.19	372.26	4,345.46
<b>2031</b>	358.90	329.78	379.16	376.63	400.68	384.05	381.88	382.01	365.55	371.44	350.41	382.31	4,462.79
<b>2032</b>	368.52	338.62	389.32	386.72	411.42	394.35	392.11	392.25	375.34	381.39	359.80	392.55	4,582.39
<b>2033</b>	378.32	347.63	399.68	397.01	422.36	404.84	402.54	402.68	385.33	391.54	369.37	403.00	4,704.28
<b>2034</b>	388.31	356.80	410.23	407.49	433.51	415.52	413.17	413.31	395.50	401.87	379.12	413.64	4,828.48
<b>2035</b>	398.49	366.15	420.97	418.16	444.87	426.41	423.99	424.14	405.86	412.40	389.05	424.47	4,954.98
<b>2036</b>	408.85	375.67	431.92	429.04	456.44	437.50	435.02	435.17	416.42	423.12	399.17	435.51	5,083.81
<b>2037</b>	419.39	385.36	443.06	440.10	468.21	448.78	446.24	446.40	427.16	434.04	409.47	446.75	5,214.97
<b>2038</b>	430.13	395.23	454.41	451.37	480.20	460.27	457.67	457.83	438.09	445.15	419.95	458.18	5,348.48
<b>2039</b>	441.06	405.27	465.95	462.84	492.40	471.96	469.29	469.45	449.22	456.46	430.62	469.82	5,484.33
<b>2040</b>	452.17	415.48	477.69	474.50	504.80	483.86	481.12	481.28	460.54	467.96	441.47	481.66	5,622.53
<b>2041</b>	463.48	425.87	489.63	486.36	517.42	495.95	493.14	493.32	472.06	479.66	452.50	493.70	5,763.10
<b>2042</b>	474.97	436.43	501.78	498.42	530.26	508.25	505.37	505.55	483.76	491.56	463.73	505.94	5,906.02
<b>2043</b>	486.65	447.16	514.12	510.68	543.30	520.76	517.81	517.99	495.66	503.65	475.13	518.39	6,051.31
<b>2044</b>	498.53	458.08	526.66	523.15	556.56	533.46	530.44	530.63	507.76	515.94	486.73	531.04	6,198.96

### 3 Niveles de Contratación de Potencia y Energía

De acuerdo con la Potencia Firme contratada de cada Empresa Distribuidora (Cuadros No. 1, 3, 5) y el Pronóstico de Demanda Máxima de Generación (DMG) de cada Empresa Distribuidora (Cuadros No. 7, 9, 11) se obtienen los niveles de contratación de potencia actuales vs el porcentaje mínimo de contratación regulatorio

#### 3.1 Niveles de contratación de Potencia

##### 3.1.1 Nivel de contratación actual de EDEMET

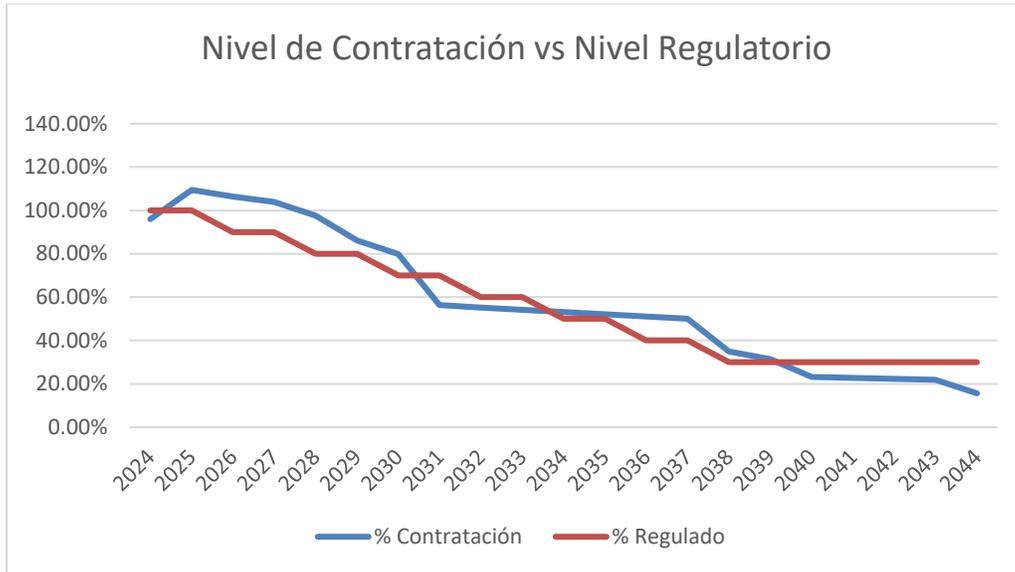
**Cuadro No. 13 Niveles de Contratación de Potencia Actual vs Niveles de Contratación Regulatorio**

**Porcentaje de Contratación (%) EDEMET**

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
2024	96.21%	96.49%	94.99%	91.88%	87.93%	93.05%	94.60%	95.48%	95.64%	101.77%	103.11%	100.70%
2025	112.05%	110.24%	106.48%	107.69%	103.34%	108.96%	111.02%	111.80%	111.18%	109.92%	111.90%	108.60%
2026	109.88%	108.06%	104.24%	102.33%	98.32%	105.17%	107.80%	108.87%	108.86%	107.80%	109.67%	106.37%
2027	109.30%	105.30%	102.96%	99.90%	95.68%	102.47%	104.34%	105.68%	105.90%	105.09%	106.93%	103.68%
2028	105.23%	101.03%	99.40%	96.03%	91.44%	98.04%	103.81%	112.61%	91.24%	90.47%	91.84%	89.53%
2029	89.83%	85.83%	84.48%	81.58%	77.45%	83.76%	88.23%	88.84%	88.86%	88.07%	89.49%	87.01%
2030	83.88%	79.68%	78.49%	74.67%	70.39%	77.63%	82.06%	82.76%	82.72%	81.96%	83.33%	80.82%
2031	58.93%	55.59%	54.98%	52.20%	49.06%	54.46%	58.13%	58.64%	58.66%	58.15%	59.11%	57.44%
2032	57.96%	54.22%	53.89%	50.83%	47.59%	53.15%	57.19%	57.68%	57.71%	57.21%	58.15%	56.52%
2033	56.94%	52.96%	52.80%	49.52%	46.19%	51.95%	56.33%	56.76%	56.78%	56.28%	57.20%	55.62%
2034	56.02%	51.76%	51.75%	48.25%	44.84%	50.81%	55.37%	55.81%	55.83%	55.33%	56.24%	54.67%
2035	55.15%	50.62%	50.77%	47.00%	43.53%	49.67%	54.49%	54.94%	54.95%	54.47%	55.37%	53.81%
2036	54.26%	49.47%	49.79%	45.77%	42.24%	48.53%	53.61%	54.05%	54.08%	53.60%	54.48%	52.95%
2037	53.38%	48.33%	48.82%	44.58%	40.99%	47.41%	52.75%	53.18%	53.20%	52.73%	53.59%	52.10%
2038	52.50%	47.23%	31.14%	28.25%	25.88%	30.15%	33.76%	34.03%	34.05%	33.74%	34.30%	33.34%
2039	33.60%	30.02%	30.52%	27.52%	25.12%	29.46%	33.20%	33.48%	33.49%	33.19%	33.74%	32.79%
2040	24.89%	22.10%	22.54%	20.18%	18.35%	21.68%	24.60%	24.80%	24.81%	24.59%	25.00%	24.29%
2041	24.49%	21.59%	22.09%	19.65%	17.81%	21.18%	24.20%	24.39%	24.40%	24.19%	24.59%	23.90%
2042	24.07%	21.08%	21.65%	19.13%	17.27%	20.68%	23.79%	23.99%	23.99%	23.78%	24.17%	23.50%
2043	23.66%	20.59%	21.21%	18.62%	16.75%	20.20%	23.39%	23.58%	23.58%	23.38%	23.76%	23.10%
2044	23.26%	20.10%	20.77%	18.11%	16.24%	19.72%	22.98%	23.17%	23.18%	0.00%	0.00%	0.00%

En el gráfico No. 1, se muestra el Porcentaje de Contratación actual de potencia firme vs el porcentaje de contratación regulatorio.

**Gráfico No. 1 Nivel de Contratación de Potencia (%) 2024-2044**



### 3.1.2 Nivel de Contratación Actual de EDECHI

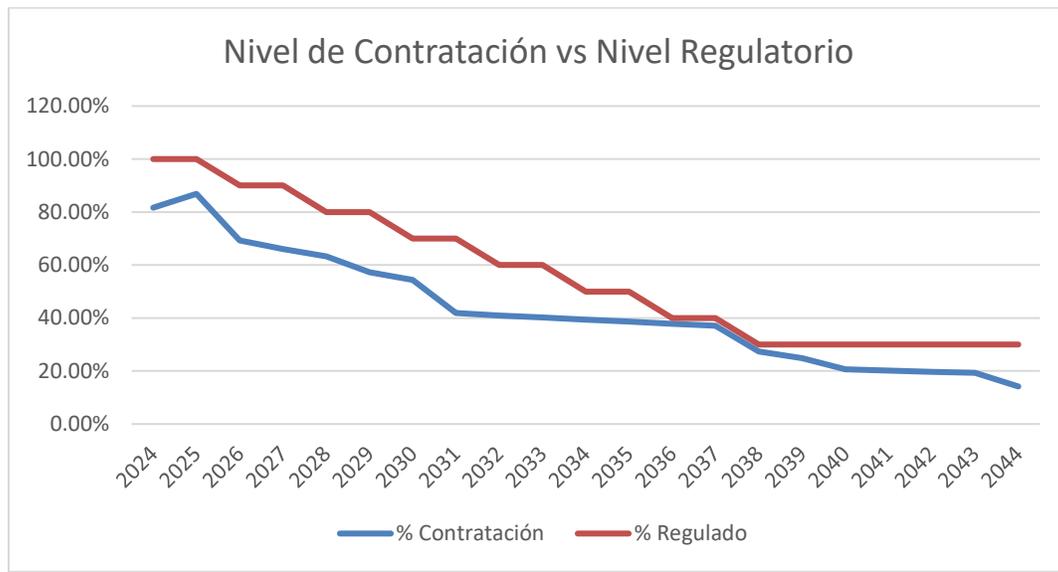
**Cuadro No. 14 Niveles de Contratación de Potencia Actual vs Niveles de Contratación Regulatorio**

**Porcentaje de Contratación (%) EDECHI**

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
2024	81.09%	82.63%	79.91%	81.13%	77.30%	79.77%	81.76%	76.45%	78.13%	87.48%	86.56%	87.71%
2025	88.09%	86.75%	91.19%	93.49%	86.43%	86.35%	87.16%	82.81%	83.89%	85.90%	84.11%	86.31%
2026	79.57%	81.78%	66.38%	67.10%	65.47%	69.71%	69.60%	65.72%	66.28%	67.02%	67.98%	64.21%
2027	73.13%	68.06%	64.10%	64.71%	63.40%	68.31%	68.34%	64.15%	64.87%	65.73%	66.37%	61.75%
2028	72.10%	66.39%	62.40%	62.73%	61.47%	67.23%	66.46%	69.76%	58.03%	58.42%	59.10%	54.49%
2029	63.76%	58.33%	54.84%	55.44%	54.29%	59.98%	59.17%	55.59%	57.17%	57.68%	58.38%	53.00%
2030	60.84%	55.26%	51.59%	52.21%	50.66%	57.44%	56.44%	52.75%	54.61%	55.15%	55.81%	49.87%
2031	46.84%	42.17%	39.25%	40.00%	38.69%	44.46%	43.63%	40.61%	42.33%	42.75%	43.26%	38.17%
2032	46.10%	41.14%	38.17%	38.96%	37.64%	43.86%	42.45%	39.81%	41.76%	42.16%	42.65%	37.13%
2033	45.39%	40.18%	37.16%	38.02%	36.64%	43.31%	41.64%	39.04%	41.26%	41.20%	42.12%	36.18%
2034	44.71%	39.26%	36.20%	37.16%	35.71%	42.44%	40.90%	38.29%	40.75%	40.62%	41.63%	35.25%
2035	44.10%	38.40%	35.26%	36.32%	34.78%	41.33%	40.15%	37.56%	40.24%	39.61%	41.11%	34.34%
2036	43.44%	37.52%	34.34%	35.45%	33.86%	40.61%	39.35%	36.82%	39.73%	38.90%	40.58%	33.43%
2037	42.80%	36.65%	33.43%	34.60%	32.98%	39.87%	38.55%	36.10%	39.22%	38.17%	40.06%	32.55%
2038	42.17%	35.82%	22.76%	23.62%	22.45%	27.35%	26.43%	24.75%	27.08%	26.16%	27.43%	22.16%
2039	29.05%	24.47%	22.17%	23.07%	21.87%	26.80%	25.93%	24.27%	26.74%	25.66%	26.71%	21.59%
2040	24.19%	20.21%	18.25%	19.04%	18.00%	22.19%	21.49%	20.11%	22.31%	21.25%	22.18%	17.77%
2041	23.83%	19.74%	17.76%	18.59%	17.52%	21.76%	21.06%	19.71%	21.79%	20.83%	21.77%	17.30%
2042	23.45%	19.27%	17.28%	18.13%	17.05%	21.32%	20.63%	19.31%	21.34%	20.41%	21.34%	16.83%
2043	23.08%	18.81%	16.81%	17.69%	16.58%	20.88%	20.20%	18.91%	20.97%	19.99%	20.88%	16.37%
2044	22.70%	18.35%	16.34%	17.24%	16.12%	20.44%	19.78%	18.51%	20.52%	0.00%	0.00%	0.00%

En el gráfico No. 2, se muestra el Porcentaje de Contratación actual de potencia firme vs el porcentaje de contratación regulatorio.

**Gráfico No. 2 Nivel de Contratación de Potencia (%) 2024-2044**



### 3.1.3 Nivel de Contratación Actual de ENSA

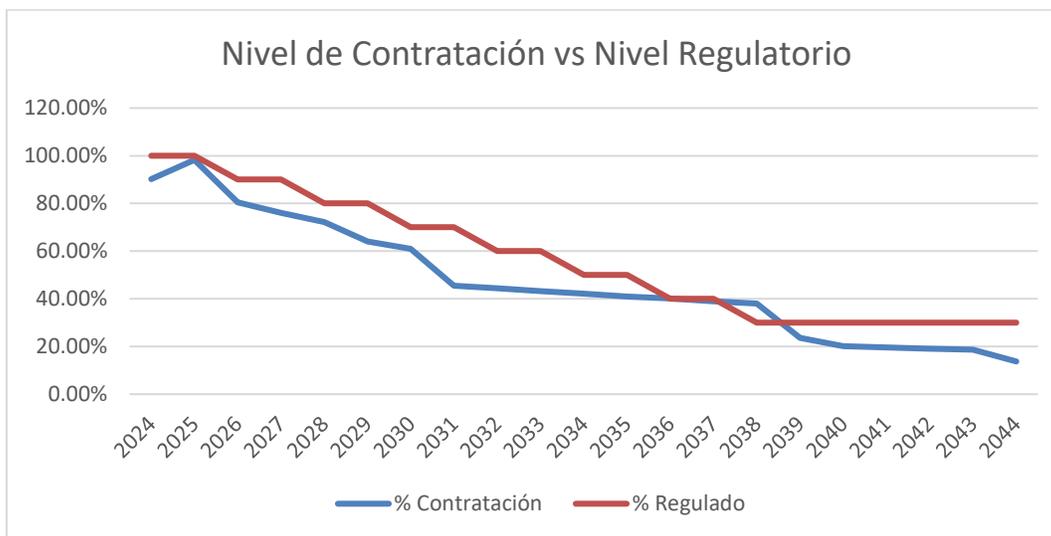
**Cuadro No. 15 Niveles de Contratación de Potencia Actual vs Niveles de Contratación Regulatorio**

**Porcentaje de Contratación (%) ENSA**

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
2024	80.77%	79.84%	75.00%	94.16%	92.84%	88.59%	90.01%	90.10%	91.71%	97.81%	101.52%	100.59%
2025	96.14%	102.21%	99.74%	98.87%	98.95%	92.67%	97.60%	99.52%	97.76%	97.21%	99.18%	99.25%
2026	93.19%	96.31%	80.49%	78.95%	76.26%	75.52%	75.78%	76.29%	77.90%	76.78%	79.68%	78.01%
2027	79.29%	82.12%	77.71%	76.23%	73.63%	72.76%	73.57%	74.06%	75.63%	74.54%	77.35%	75.73%
2028	77.16%	82.77%	75.63%	74.18%	71.66%	70.79%	71.58%	79.30%	65.46%	64.51%	66.94%	65.54%
2029	66.79%	69.17%	65.46%	64.21%	62.04%	61.19%	61.87%	62.29%	63.60%	62.68%	65.05%	63.68%
2030	63.23%	65.49%	61.98%	60.79%	58.61%	58.49%	59.14%	59.54%	60.80%	59.92%	62.18%	60.82%
2031	47.27%	48.96%	46.33%	45.44%	43.81%	43.69%	44.18%	44.48%	45.42%	44.76%	46.45%	45.48%
2032	46.04%	49.38%	45.12%	44.26%	42.67%	42.56%	43.03%	43.32%	44.24%	43.60%	45.24%	44.29%
2033	44.84%	46.44%	43.95%	43.11%	41.56%	41.47%	41.94%	42.22%	43.11%	42.49%	44.09%	43.17%
2034	43.69%	45.25%	42.82%	42.00%	40.49%	40.41%	40.86%	41.13%	42.00%	41.40%	42.96%	42.06%
2035	42.57%	44.10%	41.73%	40.93%	39.46%	39.38%	39.81%	40.08%	40.93%	40.34%	41.86%	40.99%
2036	41.50%	44.51%	40.67%	39.90%	38.46%	38.38%	38.81%	39.07%	39.89%	39.32%	40.80%	39.95%
2037	40.45%	41.90%	39.65%	38.89%	37.49%	37.41%	37.83%	38.09%	38.89%	38.33%	39.78%	38.94%
2038	39.44%	40.85%	38.66%	37.92%	36.56%	36.48%	36.89%	37.14%	37.92%	37.37%	38.78%	37.97%
2039	33.61%	34.82%	32.95%	20.55%	19.81%	19.77%	19.99%	20.12%	20.55%	20.25%	21.02%	20.58%
2040	20.85%	22.36%	20.43%	20.04%	19.32%	19.28%	19.50%	19.63%	20.04%	19.75%	20.50%	20.07%
2041	20.34%	21.07%	19.94%	19.55%	18.85%	18.81%	19.02%	19.15%	19.55%	19.27%	20.00%	19.58%
2042	19.85%	20.56%	19.45%	19.08%	18.40%	18.36%	18.56%	18.69%	19.08%	18.81%	19.52%	19.11%
2043	19.37%	20.06%	18.99%	18.62%	17.95%	17.92%	18.12%	18.24%	18.62%	18.35%	19.05%	18.65%
2044	18.91%	20.28%	18.53%	18.18%	17.53%	17.49%	17.68%	17.80%	18.18%	0.00%	0.00%	0.00%

En el gráfico No. 3, se muestra el Porcentaje de Contratación actual de potencia firme vs el porcentaje de contratación regulatorio.

**Gráfico No. 3 Nivel de Contratación de Potencia (%) 2024-2044**



### 3.2 Nivel de Contratación de Energía

De acuerdo con la proyección anual de Energía de los Contratos de cada Empresa Distribuidora (Cuadros No. 2, 4, 6) y el Pronóstico Anual de Energía Requerida de cada Empresa Distribuidora (Cuadros No. 8, 10, 12), se obtienen los niveles de contratación de Energía vs el porcentaje mínimo de contratación regulatorio.

#### Nivel de contratación actual de EDEMET

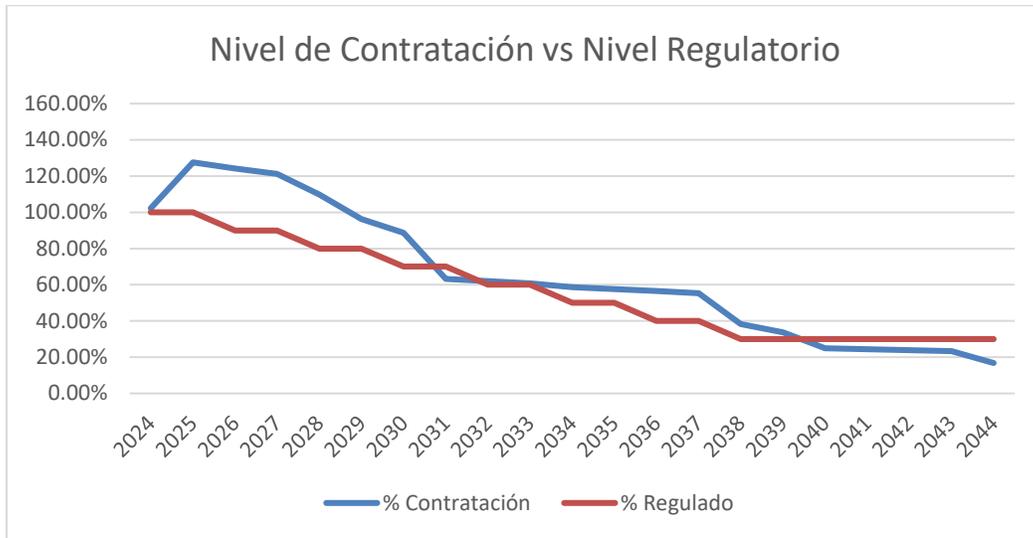
**Cuadro No. 16 Niveles de Contratación de Energía Actual vs Niveles de Contratación Regulatorio**

**Porcentaje de Contratación EDEMET (%)**

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
2024	100.68%	98.95%	98.16%	94.91%	88.69%	93.51%	95.88%	96.97%	98.39%	119.98%	121.53%	119.72%
2025	132.36%	131.77%	126.47%	124.95%	117.06%	124.91%	127.16%	129.15%	129.21%	128.24%	131.41%	128.00%
2026	129.66%	129.47%	124.00%	118.89%	111.47%	120.70%	123.60%	125.91%	126.60%	125.94%	128.98%	125.57%
2027	129.01%	124.18%	121.64%	116.06%	108.48%	117.60%	119.76%	122.37%	123.38%	122.94%	125.93%	122.57%
2028	122.34%	117.90%	117.16%	110.45%	101.66%	106.90%	113.90%	123.04%	99.92%	99.23%	102.24%	102.91%
2029	99.74%	101.22%	100.86%	94.74%	86.53%	90.78%	96.40%	97.09%	96.66%	95.68%	97.76%	98.11%
2030	95.58%	91.02%	87.96%	84.03%	78.02%	84.71%	90.03%	90.55%	90.97%	89.11%	91.14%	90.45%
2031	68.72%	65.03%	64.01%	59.80%	54.39%	59.80%	64.30%	63.95%	64.21%	64.31%	66.35%	64.19%
2032	66.81%	63.43%	61.59%	56.59%	53.40%	58.36%	63.26%	63.57%	63.44%	63.27%	65.28%	65.20%
2033	66.40%	61.85%	60.17%	56.73%	51.82%	57.04%	62.31%	61.91%	62.95%	61.93%	62.99%	63.54%
2034	63.17%	58.52%	58.27%	53.71%	49.36%	55.31%	60.50%	60.87%	61.10%	60.45%	61.94%	61.08%
2035	62.19%	57.23%	57.16%	52.32%	47.91%	54.06%	59.54%	59.91%	60.14%	59.50%	60.97%	60.13%
2036	61.19%	55.93%	56.06%	50.95%	46.49%	52.82%	58.58%	58.95%	59.18%	58.56%	60.00%	59.17%
2037	60.19%	54.56%	54.96%	49.63%	45.12%	51.61%	57.63%	57.99%	58.22%	57.36%	58.73%	57.86%
2038	58.84%	53.01%	35.60%	31.78%	28.67%	32.85%	36.99%	36.59%	36.60%	36.27%	36.87%	35.85%
2039	36.13%	32.28%	32.82%	29.58%	27.00%	31.67%	35.69%	35.99%	36.00%	35.68%	36.27%	35.26%
2040	26.78%	23.77%	24.24%	21.71%	19.74%	23.31%	26.45%	26.67%	26.68%	26.44%	26.88%	26.13%
2041	26.34%	23.22%	23.77%	21.14%	19.15%	22.77%	26.02%	26.24%	26.20%	25.97%	26.40%	25.66%
2042	25.85%	22.64%	23.25%	20.54%	18.55%	22.21%	25.55%	25.76%	25.76%	25.54%	25.96%	25.23%
2043	25.41%	22.11%	22.78%	19.99%	17.99%	21.69%	25.11%	25.32%	25.32%	25.10%	25.51%	24.80%
2044	24.97%	21.58%	22.31%	19.45%	17.44%	21.17%	24.68%	24.88%	24.89%	0.00%	0.00%	0.00%

En el gráfico No. 4, se muestra el Porcentaje de Contratación actual de energía vs el porcentaje de contratación regulatorio.

**Gráfico No. 4 Nivel de Contratación de Energía (%) 2024-2044**



### 3.2.1 Nivel de Contratación Actual de EDECHI

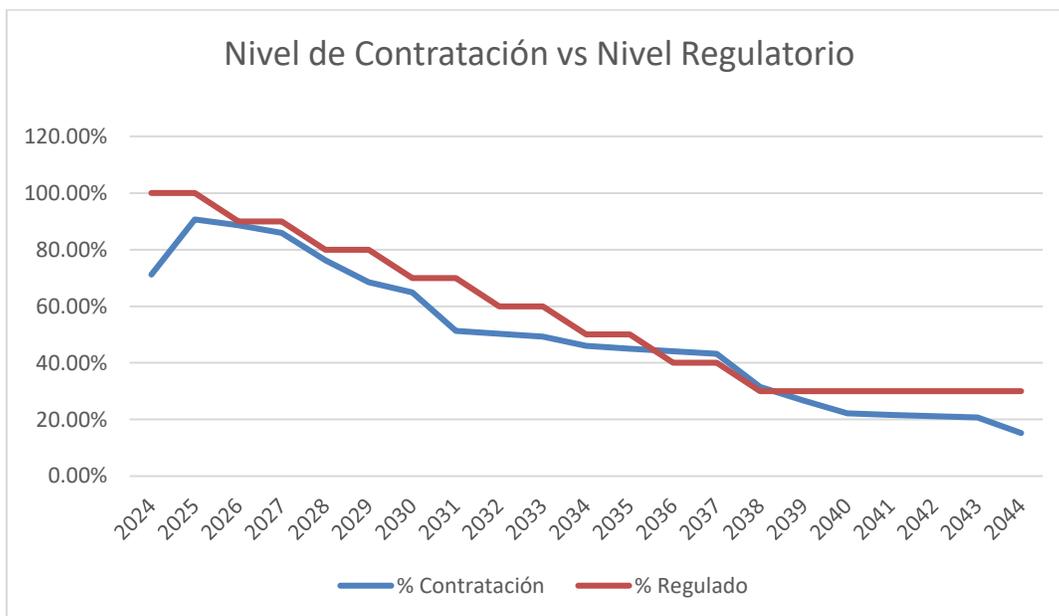
**Cuadro No. 17 Niveles de Contratación de Energía Actual vs Niveles de Contratación Regulatorio**

**Porcentaje de Contratación EDECHI (%)**

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
<b>2024</b>	72.89%	68.32%	69.03%	63.57%	62.00%	65.13%	63.63%	64.57%	65.87%	86.20%	86.34%	86.29%
<b>2025</b>	102.31%	98.84%	93.25%	90.47%	84.52%	88.18%	88.20%	86.51%	87.24%	89.10%	90.92%	88.33%
<b>2026</b>	100.72%	96.60%	90.81%	86.59%	80.39%	86.95%	86.92%	84.61%	85.76%	87.85%	89.87%	86.10%
<b>2027</b>	98.72%	90.92%	86.58%	83.51%	77.86%	85.20%	85.34%	82.58%	84.04%	86.15%	87.75%	82.81%
<b>2028</b>	94.24%	86.61%	83.47%	79.15%	72.31%	75.04%	75.31%	78.68%	65.52%	66.24%	69.13%	68.78%
<b>2029</b>	76.39%	77.59%	74.88%	71.05%	64.45%	66.18%	67.11%	63.90%	63.75%	64.35%	65.90%	66.63%
<b>2030</b>	79.19%	71.40%	63.54%	65.01%	60.22%	65.02%	64.84%	60.80%	62.96%	61.64%	63.14%	60.94%
<b>2031</b>	63.98%	57.08%	53.33%	51.68%	45.54%	51.04%	51.02%	45.84%	47.77%	50.29%	52.58%	45.76%
<b>2032</b>	60.92%	55.92%	49.15%	46.29%	45.92%	50.35%	49.63%	46.74%	47.73%	49.61%	51.84%	48.94%
<b>2033</b>	62.00%	54.44%	47.42%	49.12%	44.70%	49.72%	48.68%	44.06%	48.31%	47.67%	48.32%	46.36%
<b>2034</b>	55.39%	48.38%	44.58%	44.15%	41.12%	47.23%	45.96%	43.21%	45.99%	45.88%	47.74%	42.26%
<b>2035</b>	54.62%	47.32%	43.43%	43.15%	40.06%	46.00%	45.11%	42.37%	45.41%	44.74%	47.15%	41.16%
<b>2036</b>	53.81%	46.23%	42.29%	42.11%	39.00%	45.20%	44.21%	41.54%	44.83%	43.93%	46.54%	40.08%
<b>2037</b>	53.01%	45.23%	41.18%	41.11%	37.97%	44.38%	43.31%	40.73%	44.26%	42.83%	45.78%	38.86%
<b>2038</b>	51.77%	43.79%	29.28%	28.93%	26.35%	30.74%	30.13%	26.61%	29.12%	28.13%	29.47%	23.82%
<b>2039</b>	31.25%	26.31%	23.84%	24.82%	23.52%	28.80%	27.86%	26.10%	28.75%	27.60%	28.70%	23.20%
<b>2040</b>	26.04%	21.74%	19.63%	20.49%	19.36%	23.86%	23.09%	21.63%	24.00%	22.86%	23.84%	19.10%
<b>2041</b>	25.64%	21.23%	19.11%	20.00%	18.85%	23.39%	22.63%	21.21%	23.40%	22.37%	23.38%	18.57%
<b>2042</b>	25.19%	20.69%	18.56%	19.47%	18.30%	22.90%	22.15%	20.74%	22.92%	21.92%	22.92%	18.07%
<b>2043</b>	24.78%	20.20%	18.05%	18.99%	17.80%	22.42%	21.69%	20.31%	22.52%	21.46%	22.43%	17.58%
<b>2044</b>	24.38%	19.70%	17.55%	18.51%	17.31%	21.95%	21.24%	19.88%	22.03%	0.00%	0.00%	0.00%

En el gráfico No. 5, se muestra el Porcentaje de Contratación actual de energía vs el porcentaje de contratación regulatorio.

**Gráfico No. 5 Nivel de Contratación de Energía (%) 2024-2044**



### 3.2.2 Nivel de Contratación Actual de ENSA

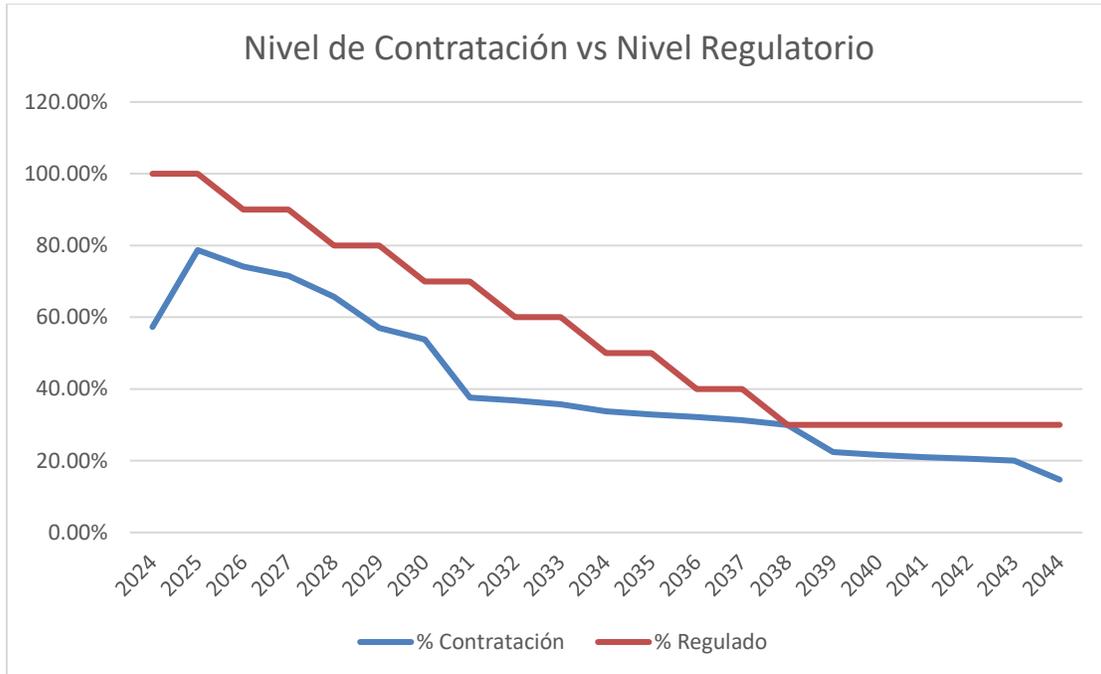
**Cuadro No. 18 Niveles de Contratación de Energía Actual vs Niveles de Contratación Regulatorio**

**Porcentaje de Contratación ENSA (%)**

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre
<b>2024</b>	50.78%	52.45%	50.27%	48.61%	46.49%	48.39%	48.14%	49.94%	52.46%	80.57%	80.67%	78.10%
<b>2025</b>	78.17%	81.68%	77.97%	74.62%	71.92%	77.59%	76.05%	81.03%	81.67%	81.09%	82.65%	80.10%
<b>2026</b>	79.14%	82.97%	78.51%	74.36%	70.08%	69.46%	70.10%	70.68%	72.26%	71.68%	75.46%	74.77%
<b>2027</b>	76.36%	78.83%	75.31%	71.72%	67.58%	66.83%	68.06%	68.62%	70.18%	69.59%	73.25%	72.59%
<b>2028</b>	73.27%	78.75%	72.87%	69.12%	64.80%	62.57%	63.94%	71.76%	56.54%	55.79%	58.85%	59.93%
<b>2029</b>	59.53%	64.80%	62.18%	58.70%	54.80%	52.27%	53.92%	54.14%	54.62%	53.78%	56.29%	58.64%
<b>2030</b>	58.51%	60.74%	55.90%	54.80%	51.62%	50.17%	51.45%	51.37%	52.69%	51.00%	53.40%	54.62%
<b>2031</b>	41.61%	43.06%	40.93%	38.59%	35.28%	34.62%	35.71%	34.81%	35.64%	35.80%	38.12%	37.27%
<b>2032</b>	39.70%	43.49%	38.56%	35.76%	35.09%	33.72%	34.78%	34.61%	34.98%	34.87%	37.13%	38.44%
<b>2033</b>	39.48%	41.00%	37.36%	36.61%	34.18%	32.86%	33.89%	33.04%	34.59%	33.70%	34.99%	36.82%
<b>2034</b>	36.21%	37.63%	35.62%	33.94%	32.20%	31.47%	32.24%	32.19%	32.96%	32.44%	34.09%	34.46%
<b>2035</b>	35.29%	36.67%	34.71%	33.07%	31.38%	30.66%	31.42%	31.37%	32.12%	31.62%	33.22%	33.58%
<b>2036</b>	34.39%	36.97%	33.83%	32.24%	30.58%	29.89%	30.62%	30.57%	31.31%	30.81%	32.38%	32.73%
<b>2037</b>	33.52%	34.68%	32.98%	31.42%	29.81%	29.14%	29.85%	29.80%	30.52%	30.04%	31.56%	31.91%
<b>2038</b>	32.69%	33.97%	31.91%	30.45%	28.91%	28.25%	28.95%	28.31%	28.88%	28.54%	29.54%	29.05%
<b>2039</b>	24.05%	24.96%	23.76%	22.09%	21.30%	21.25%	21.49%	21.63%	22.09%	21.77%	22.59%	22.12%
<b>2040</b>	22.42%	24.04%	21.97%	21.55%	20.77%	20.73%	20.96%	21.10%	21.55%	21.24%	22.04%	21.58%
<b>2041</b>	21.84%	22.62%	21.41%	21.00%	20.24%	20.20%	20.42%	20.56%	21.00%	20.69%	21.47%	21.03%
<b>2042</b>	21.31%	22.07%	20.89%	20.49%	19.75%	19.71%	19.93%	20.07%	20.49%	20.19%	20.96%	20.52%
<b>2043</b>	20.80%	21.54%	20.39%	20.00%	19.28%	19.24%	19.45%	19.58%	20.00%	19.71%	20.45%	20.02%
<b>2044</b>	20.31%	21.78%	19.90%	19.52%	18.82%	18.78%	18.99%	19.12%	19.52%	0.00%	0.00%	0.00%

En el gráfico No. 6, se muestra el Porcentaje de Contratación actual de energía vs el porcentaje de contratación regulatorio.

**Gráfico No. 6 Nivel de Contratación de Energía (%) 2024-2044**



## 4 Requerimientos de Potencia y Energía

Los requerimientos de contratación tanto de potencia como de energía se determinan de acuerdo con 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.

### 4.1 Requerimientos de Potencia Firme de EDEMET

**Cuadro No.19 Requerimientos de Potencia Firme (MW)**

REQUERIMIENTO EDEMET (MW)													
Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre	Max
2024	32.70	30.74	44.80	72.75	112.32	62.50	47.37	39.70	38.15	0.00	0.00	0.00	112.32
2025	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
2026	0.00	0.00	0.00	0.00	16.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.53
2027	0.00	0.00	0.00	1.01	43.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.76
2028	0.00	0.00	5.71	39.34	89.35	19.04	0.00	0.00	80.00	87.78	74.02	97.45	97.45
2029	94.00	137.06	152.57	187.46	242.58	161.59	111.18	104.67	104.43	112.92	97.81	124.37	242.58
2030	151.33	200.80	215.73	264.81	328.42	225.00	170.34	162.35	162.79	171.56	155.83	184.59	328.42
2031	390.95	448.22	459.45	513.62	582.44	469.18	404.15	395.76	395.29	403.78	388.03	415.75	582.44
2032	406.93	473.65	480.07	542.68	617.81	494.52	419.98	411.67	411.08	419.54	403.67	431.50	617.81
2033	424.17	498.34	501.44	571.78	653.62	518.97	434.93	427.30	426.97	435.76	419.81	447.65	653.62
2034	440.50	522.81	523.05	601.72	690.13	543.13	452.26	444.12	443.87	452.88	436.45	465.25	690.13
2035	456.30	547.31	544.05	632.59	727.91	568.57	468.61	460.12	459.86	469.00	452.26	481.59	727.91
2036	472.83	573.07	565.71	664.65	767.25	595.10	485.44	476.84	476.44	485.65	468.70	498.41	767.25
2037	490.00	599.78	588.22	697.28	807.62	622.18	502.60	493.96	493.58	502.94	485.74	515.87	807.62
2038	507.54	626.90	807.25	926.83	1,045.23	845.74	716.15	707.43	707.09	716.65	699.17	729.78	1,045.23
2039	721.27	850.68	830.79	961.50	1,088.28	874.00	734.26	725.32	724.98	734.70	716.89	748.09	1,088.28
2040	829.67	969.60	945.15	1,087.67	1,223.29	993.58	842.93	833.81	833.45	843.33	825.22	856.94	1,223.29
2041	848.08	998.87	969.63	1,124.33	1,269.15	1,023.43	861.54	852.29	851.91	861.94	843.54	875.77	1,269.15
2042	867.29	1,029.36	995.17	1,162.49	1,317.02	1,054.47	880.94	871.55	871.17	881.37	862.66	895.43	1,317.02
2043	887.08	1,060.84	1,021.53	1,202.07	1,366.77	1,086.55	900.96	891.41	891.03	901.42	882.38	915.73	1,366.77
2044	907.53	1,093.47	1,048.79	1,243.19	1,418.57	1,119.81	921.68	911.95	911.56	1,197.13	1,177.75	1,211.70	1,418.57

## 4.2 Requerimientos de Potencia Firme de EDECHI

**Cuadro No.20 Requerimientos de Potencia Firme (MW)**

**REQUERIMIENTO EDECHI (MW)**

<b>Años\Meses</b>	<b>Enero</b>	<b>Febrero</b>	<b>Marzo</b>	<b>Abril</b>	<b>Mayo</b>	<b>Junio</b>	<b>Julio</b>	<b>Agosto</b>	<b>Septiembre</b>	<b>Octubre</b>	<b>Noviembre</b>	<b>Diciembre</b>	<b>Max</b>
<b>2024</b>	34.07	33.02	39.14	36.90	44.77	38.96	35.11	47.00	43.87	25.04	26.52	24.81	47.00
<b>2025</b>	21.65	25.36	17.79	12.99	27.49	26.43	24.94	35.00	32.75	28.39	31.64	28.45	35.00
<b>2026</b>	37.38	35.44	69.17	66.96	72.19	59.48	59.78	71.40	69.64	67.35	64.47	76.30	76.30
<b>2027</b>	50.18	64.11	76.48	74.48	79.01	63.51	63.40	76.49	74.13	71.38	69.35	84.78	84.78
<b>2028</b>	52.85	69.15	82.29	81.16	85.80	66.71	69.09	65.83	89.60	88.19	85.72	103.45	103.45
<b>2029</b>	70.26	88.28	101.76	99.33	104.29	82.66	85.48	98.97	92.79	90.91	88.33	109.88	109.88
<b>2030</b>	76.79	96.57	111.97	108.58	115.55	87.90	91.45	106.13	98.47	96.36	93.82	118.98	118.98
<b>2031</b>	105.59	127.58	144.04	139.60	147.45	116.22	120.23	136.06	126.79	124.64	122.06	150.72	150.72
<b>2032</b>	108.81	133.12	150.75	145.78	154.18	119.10	126.16	140.69	129.77	127.64	125.12	157.57	157.57
<b>2033</b>	111.93	138.54	157.36	151.70	160.92	121.79	130.43	145.27	132.49	132.81	127.85	164.12	164.12
<b>2034</b>	115.05	143.94	164.03	157.35	167.52	126.22	134.43	149.95	135.29	136.00	130.49	170.90	170.90
<b>2035</b>	117.96	149.25	170.82	163.17	174.45	132.09	138.73	154.71	138.17	141.85	133.30	177.95	177.95
<b>2036</b>	121.13	154.97	177.94	169.46	181.73	136.08	143.41	159.67	141.18	146.15	136.26	185.29	185.29
<b>2037</b>	124.37	160.82	185.26	175.85	189.13	140.31	148.34	164.70	144.19	150.73	139.23	192.79	192.79
<b>2038</b>	127.62	166.75	220.72	210.31	224.69	172.82	181.06	197.81	175.20	183.65	172.14	228.43	228.43
<b>2039</b>	158.90	200.79	228.37	216.87	232.43	177.70	185.86	203.01	178.26	188.49	178.53	236.29	236.29
<b>2040</b>	172.36	217.14	246.42	233.82	250.60	192.84	200.99	218.49	191.53	203.85	192.94	254.57	254.57
<b>2041</b>	175.84	223.62	254.63	240.90	258.93	197.73	206.20	224.03	197.38	209.01	197.60	263.00	263.00
<b>2042</b>	179.50	230.38	263.22	248.29	267.64	202.92	211.64	229.81	202.70	214.46	202.72	271.82	271.82
<b>2043</b>	183.29	237.40	272.17	255.96	276.71	208.38	217.25	235.83	207.26	220.16	208.36	281.01	281.01
<b>2044</b>	187.25	244.74	281.53	263.98	286.20	214.11	223.12	242.11	213.03	281.11	269.23	345.63	345.63

### 4.3 Requerimientos de Potencia Firme de ENSA

**Cuadro No.21 Requerimientos de Potencia Firme (MW)**

<b>REQUERIMIENTO ENSA (MW)</b>													
<b>Años\Meses</b>	<b>Enero</b>	<b>Febrero</b>	<b>Marzo</b>	<b>Abril</b>	<b>Mayo</b>	<b>Junio</b>	<b>Julio</b>	<b>Agosto</b>	<b>Septiembre</b>	<b>Octubre</b>	<b>Noviembre</b>	<b>Diciembre</b>	<b>Max</b>
<b>2024</b>	133.35	134.47	176.88	42.14	53.55	86.98	75.37	74.14	60.82	16.28	0.00	0.00	176.88
<b>2025</b>	27.45	0.00	1.87	8.38	8.08	56.92	18.47	3.68	16.77	21.18	6.02	5.58	56.92
<b>2026</b>	49.87	26.07	145.68	160.23	187.43	195.16	190.99	185.68	169.49	180.72	152.43	168.46	195.16
<b>2027</b>	155.80	129.86	171.03	185.98	213.97	223.75	214.72	209.25	192.58	204.14	175.00	191.52	223.75
<b>2028</b>	176.55	124.18	192.19	207.57	236.36	246.57	237.29	171.67	280.53	292.42	262.46	279.44	292.42
<b>2029</b>	263.72	236.33	279.79	295.58	325.20	337.21	327.66	321.87	304.23	316.47	285.64	303.11	337.21
<b>2030</b>	299.89	271.76	316.40	332.63	364.29	366.05	356.36	350.48	332.58	345.00	313.71	331.95	366.05
<b>2031</b>	441.71	412.83	458.67	475.33	507.85	510.28	500.32	494.28	475.88	488.65	456.49	474.71	510.28
<b>2032</b>	464.15	405.87	481.56	498.67	532.07	534.47	524.24	518.04	499.15	512.26	479.24	497.95	534.47
<b>2033</b>	487.02	456.57	504.90	522.46	556.74	558.74	548.25	541.88	522.50	535.95	502.07	521.27	558.74
<b>2034</b>	510.33	479.07	528.67	546.70	581.88	583.94	573.16	566.63	546.74	560.54	525.76	545.47	583.94
<b>2035</b>	534.06	501.98	552.89	571.39	607.49	609.60	598.55	591.84	571.43	585.59	549.90	570.13	609.60
<b>2036</b>	558.23	493.57	577.55	596.53	633.57	635.73	624.39	617.51	596.57	611.10	574.48	595.24	635.73
<b>2037</b>	582.84	549.08	602.65	622.12	660.13	662.34	650.71	643.65	622.17	637.07	599.51	620.80	662.34
<b>2038</b>	607.89	573.26	628.21	648.18	687.15	689.42	677.49	670.25	648.22	663.51	624.99	646.82	689.42
<b>2039</b>	683.33	647.82	704.16	850.64	890.60	892.93	880.70	873.28	850.68	866.36	826.86	849.25	892.93
<b>2040</b>	835.26	763.74	856.62	877.61	918.58	920.97	908.43	900.82	877.66	893.73	853.23	876.18	920.97
<b>2041</b>	861.63	824.32	883.52	905.04	947.04	949.49	936.63	928.83	905.09	921.56	880.05	903.58	949.49
<b>2042</b>	888.44	850.21	910.88	932.93	975.97	978.48	965.30	957.31	932.98	949.86	907.33	931.43	978.48
<b>2043</b>	915.70	876.53	938.69	961.29	1,005.38	1,007.95	994.46	986.26	961.34	978.63	935.05	959.75	1,007.95
<b>2044</b>	943.40	864.56	966.96	990.10	1,035.27	1,037.91	1,024.08	1,015.69	990.15	1,227.87	1,183.22	1,208.53	1,227.87

#### 4.4 Requerimientos de Energía de EDEMET

**Cuadro No. 22 Requerimientos de Energía (GWh)**

**REQUERIMIENTO EDEMET (GWh)**

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre	Total
<b>2024</b>	0.00	3.69	7.38	20.21	47.86	25.30	16.30	12.10	6.11	0.00	0.00	0.00	138.96
<b>2025</b>	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
<b>2026</b>	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
<b>2027</b>	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
<b>2028</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	3.37	0.00	0.00	3.70
<b>2029</b>	1.14	0.00	0.00	24.17	66.15	41.64	16.60	13.58	14.73	19.32	9.67	8.97	215.96
<b>2030</b>	19.79	37.27	57.12	75.42	111.00	70.89	47.24	45.34	40.86	49.90	39.21	46.54	640.58
<b>2031</b>	143.94	148.91	175.28	195.00	236.65	191.53	173.57	177.69	166.07	168.23	152.62	179.33	2,108.82
<b>2032</b>	156.57	159.98	192.26	216.39	248.45	203.77	183.47	184.25	173.51	178.00	161.05	179.32	2,237.03
<b>2033</b>	163.13	171.19	204.54	221.32	263.46	215.71	193.03	197.65	180.11	189.73	176.44	192.89	2,369.21
<b>2034</b>	183.54	191.09	220.03	243.06	284.36	230.42	207.66	208.44	193.74	202.45	186.82	210.81	2,562.42
<b>2035</b>	193.49	202.24	231.89	257.05	300.31	243.13	218.28	219.14	203.75	212.74	196.38	221.65	2,700.06
<b>2036</b>	203.38	213.92	244.22	271.54	316.78	256.40	229.34	230.37	213.92	223.72	206.56	233.03	2,843.19
<b>2037</b>	214.76	226.32	256.93	286.21	333.44	269.87	240.66	241.85	224.32	236.36	218.63	246.78	2,996.13
<b>2038</b>	227.94	240.13	377.07	397.92	444.84	384.37	367.26	374.64	348.93	362.82	343.35	385.45	4,254.73
<b>2039</b>	362.99	355.44	403.67	421.45	467.14	401.36	384.47	387.97	361.00	375.90	355.72	398.91	4,676.03
<b>2040</b>	426.80	410.71	467.24	481.01	527.21	462.34	451.19	456.07	424.04	441.38	418.76	467.02	5,433.79
<b>2041</b>	440.47	424.51	482.51	497.23	544.98	477.75	465.59	470.66	437.42	456.05	431.74	482.93	5,611.84
<b>2042</b>	455.73	439.69	498.40	514.00	563.29	493.70	480.57	485.90	450.91	470.82	445.44	498.29	5,796.75
<b>2043</b>	471.47	454.66	514.75	531.28	581.71	509.83	496.76	500.85	465.28	485.72	458.84	513.49	5,984.65
<b>2044</b>	485.84	471.08	532.67	549.35	602.03	528.31	513.36	515.11	481.07	663.68	629.94	697.42	6,669.85

#### 4.5 Requerimientos de Energía de EDECHI

**Cuadro No. 23 Requerimientos de Energía (GWh)**

**REQUERIMIENTO EDECHI (GWh)**

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre	Total
<b>2024</b>	23.81	26.26	29.47	35.26	38.60	32.61	35.31	34.67	32.47	13.35	12.09	13.01	326.91
<b>2025</b>	0.00	1.01	6.67	9.54	16.37	11.50	11.93	13.68	12.54	10.92	8.30	11.44	113.90
<b>2026</b>	0.00	3.04	9.42	13.87	21.34	13.12	13.70	16.15	14.46	12.52	9.49	13.98	141.10
<b>2027</b>	1.25	8.37	14.18	17.56	24.86	15.36	15.77	18.77	16.63	14.66	11.78	17.79	176.98
<b>2028</b>	5.79	12.70	17.98	22.85	31.97	26.61	27.29	23.60	36.91	36.67	30.46	33.21	306.03
<b>2029</b>	24.34	21.82	28.03	32.58	42.19	37.07	37.35	41.01	39.87	39.79	34.60	36.52	415.19
<b>2030</b>	21.97	28.58	41.73	40.49	48.46	39.32	40.97	45.73	41.82	44.03	38.56	44.13	475.79
<b>2031</b>	38.93	43.99	54.74	57.31	68.01	56.52	58.67	65.09	60.79	58.81	50.99	63.03	676.86
<b>2032</b>	43.26	46.26	61.09	65.35	69.35	58.91	62.06	65.84	62.75	61.31	53.26	61.10	710.53
<b>2033</b>	43.03	48.97	64.78	63.55	72.78	61.27	65.07	71.23	63.98	65.45	58.70	66.18	744.99
<b>2034</b>	51.73	56.89	69.99	71.56	79.57	66.04	70.41	74.40	68.88	69.67	61.07	73.43	813.63
<b>2035</b>	54.00	59.66	73.38	74.86	83.25	69.40	73.56	77.71	71.38	73.16	63.42	76.85	850.64
<b>2036</b>	56.34	62.39	76.84	78.28	87.06	72.32	76.77	81.09	74.27	76.23	65.93	80.73	888.26
<b>2037</b>	58.79	65.14	80.42	81.91	90.91	75.38	80.22	84.62	77.23	79.98	68.52	84.71	927.81
<b>2038</b>	61.86	68.47	99.28	101.51	110.92	96.44	101.69	107.87	100.93	103.24	91.56	108.71	1,152.46
<b>2039</b>	90.33	91.97	109.66	110.20	118.22	101.75	107.83	111.67	104.52	107.09	95.33	112.83	1,261.40
<b>2040</b>	99.55	100.24	118.89	119.81	128.14	111.83	118.23	121.90	114.88	117.02	104.34	122.08	1,376.91
<b>2041</b>	102.81	103.48	122.92	123.91	132.54	115.61	122.31	126.14	119.21	120.92	107.56	126.00	1,423.40
<b>2042</b>	106.18	106.80	127.04	128.11	137.04	119.50	126.49	130.51	123.41	125.10	111.14	130.27	1,471.59
<b>2043</b>	109.40	110.19	131.24	132.37	141.64	123.50	130.77	134.97	127.63	129.28	115.00	134.60	1,520.58
<b>2044</b>	112.62	113.74	135.62	136.83	146.43	127.67	135.23	139.61	131.99	169.10	152.29	167.84	1,668.98

## 4.6 Requerimientos de Energía de ENSA

**Cuadro No. 24 Requerimientos de Energía (GWh)**

**REQUERIMIENTO ENSA (GWh)**

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre	Total
2024	144.38	128.12	154.06	160.08	177.34	163.93	163.69	158.05	143.64	59.65	55.99	69.21	1,578.14
2025	66.58	51.35	70.98	81.22	95.63	73.13	77.71	61.58	56.94	59.69	51.66	64.64	811.11
2026	65.41	49.06	71.20	84.37	104.72	102.47	99.75	97.83	88.58	91.89	75.13	84.25	1,014.65
2027	76.18	62.69	84.05	95.62	116.62	114.38	109.53	107.65	97.87	101.42	84.15	94.08	1,144.22
2028	88.52	64.67	94.92	107.30	130.15	132.63	127.06	99.53	146.59	151.50	133.03	141.33	1,417.24
2029	137.69	110.04	135.94	147.44	171.68	173.75	166.80	166.06	157.24	162.72	145.17	149.90	1,824.45
2030	144.98	126.07	162.81	165.77	188.75	186.35	180.54	180.89	168.41	177.22	159.01	168.92	2,009.72
2031	209.55	187.79	223.98	231.28	259.31	251.11	245.52	249.04	235.25	238.45	216.83	239.84	2,787.95
2032	222.22	191.34	239.20	248.41	267.06	261.38	255.74	256.49	244.04	248.38	226.20	241.65	2,902.10
2033	228.97	205.09	250.37	251.66	278.00	271.80	266.11	269.63	252.04	259.57	240.11	254.62	3,027.97
2034	247.70	222.55	264.09	269.18	293.91	284.77	279.94	280.27	265.13	271.49	249.87	271.08	3,199.97
2035	257.88	231.89	274.85	279.86	305.27	295.65	290.77	291.10	275.49	282.02	259.80	281.93	3,326.51
2036	268.23	236.79	285.80	290.73	316.84	306.74	301.80	302.13	286.04	292.75	269.92	292.96	3,450.74
2037	278.80	251.70	296.94	301.81	328.62	318.03	313.03	313.36	296.79	303.67	280.22	304.20	3,587.15
2038	289.53	260.97	309.40	313.93	341.37	330.25	325.16	328.23	311.56	318.13	295.90	325.10	3,749.53
2039	334.96	304.10	355.25	360.60	387.54	371.66	368.46	367.90	350.00	357.09	333.33	365.87	4,256.75
2040	350.80	315.58	372.73	372.26	399.95	383.56	380.28	379.73	361.32	368.59	344.18	377.71	4,406.69
2041	362.25	329.53	384.81	384.24	412.69	395.77	392.42	391.88	372.94	380.40	355.33	389.90	4,552.15
2042	373.74	340.09	396.96	396.30	425.52	408.07	404.65	404.11	384.64	392.29	366.55	402.14	4,695.06
2043	385.43	350.83	409.30	408.56	438.56	420.57	417.08	416.54	396.54	404.39	377.96	414.59	4,840.34
2044	397.30	358.30	421.84	421.02	451.82	433.28	429.72	429.18	408.64	515.94	486.73	531.04	5,284.79

## 5. Requerimientos mínimos de Potencia Firme y Energía

Los requerimientos mínimos de contratación tanto de potencia firme como de energía se determinan de acuerdo con lo establecido en el numeral 7 “Cuantía de la compra y Obligación a Ofertar” de la Sección I del Tomo I de las Reglas Generales de las Reglas de Compra.

### 5.1 *Requerimientos de Potencia Firme de EDEMET (MW):*

**REQUERIMIENTO SEGÚN REGULACIÓN EDEMET (MW)**

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre	Max
<b>2024</b>	32.70	30.74	44.80	72.75	112.32	62.50	47.37	39.70	38.15	0.00	0.00	0.00	112.32
<b>2025</b>	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
<b>2026</b>	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
<b>2027</b>	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
<b>2028</b>	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
<b>2029</b>	0.00	0.00	0.00	0.00	27.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.41
<b>2030</b>	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
<b>2031</b>	105.37	145.46	153.31	191.24	239.41	160.12	114.61	108.73	108.40	114.35	103.32	122.73	239.41
<b>2032</b>	19.76	59.79	63.64	101.21	146.28	72.31	27.59	22.60	22.25	27.32	17.80	34.50	146.28
<b>2033</b>	30.10	74.61	76.46	118.67	167.77	86.98	36.56	31.98	31.78	37.06	27.49	44.19	167.77
<b>2034</b>	0.00	0.00	0.00	20.36	64.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.57
<b>2035</b>	0.00	0.00	0.00	35.79	83.46	3.78	0.00	0.00	0.00	0.00	0.00	0.00	83.46
<b>2036</b>	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
<b>2037</b>	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
<b>2038</b>	0.00	0.00	0.00	22.55	58.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.07
<b>2039</b>	0.00	0.00	0.00	32.95	70.98	6.70	0.00	0.00	0.00	0.00	0.00	0.00	70.98
<b>2040</b>	56.40	98.38	91.05	133.80	174.49	105.57	60.38	57.64	57.54	60.50	55.07	64.58	174.49
<b>2041</b>	61.92	107.16	98.39	144.80	188.25	114.53	65.96	63.19	63.07	66.08	60.56	70.23	188.25
<b>2042</b>	67.69	116.31	106.05	156.25	202.61	123.84	71.78	68.96	68.85	71.91	66.30	76.13	202.61
<b>2043</b>	73.63	125.75	113.96	168.12	217.53	133.46	77.79	74.92	74.81	77.92	72.21	82.22	217.53
<b>2044</b>	79.76	135.54	122.14	180.46	233.07	143.44	84.00	81.08	80.97	359.14	353.33	363.51	363.51

## 5.2 Requerimientos de Potencia Firme de EDECHI (MW):

REQUERIMIENTO SEGÚN REGULACIÓN EDECHI (MW)

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre	Max
<b>2024</b>	34.07	33.02	39.14	36.90	44.77	38.96	35.11	47.00	43.87	25.04	26.52	24.81	47.00
<b>2025</b>	21.65	25.36	17.79	12.99	27.49	26.43	24.94	35.00	32.75	28.39	31.64	28.45	35.00
<b>2026</b>	19.08	15.99	48.59	46.61	51.28	39.84	40.11	50.57	48.99	46.92	44.34	54.98	54.98
<b>2027</b>	31.51	44.04	55.17	53.37	57.42	43.47	43.38	55.15	53.02	50.55	48.73	62.61	62.61
<b>2028</b>	14.97	28.00	38.51	37.61	41.27	25.99	27.90	22.29	46.91	45.77	43.80	57.98	57.98
<b>2029</b>	31.49	45.90	56.69	54.74	58.66	41.35	43.60	54.40	49.46	47.95	45.89	63.12	63.12
<b>2030</b>	17.97	31.81	42.59	40.41	45.29	25.94	28.47	38.75	33.38	31.91	30.13	47.78	47.78
<b>2031</b>	46.00	61.39	72.91	69.81	75.30	53.44	56.25	67.32	60.84	59.33	57.52	77.59	77.59
<b>2032</b>	28.06	42.65	53.23	50.25	55.29	34.24	38.48	47.19	40.64	39.36	37.85	57.32	57.32
<b>2033</b>	29.94	45.91	57.20	53.80	59.33	35.85	41.04	49.94	42.27	42.46	39.49	61.25	61.25
<b>2034</b>	11.00	25.44	35.49	32.15	37.24	16.59	20.69	28.45	21.12	21.48	18.72	38.93	38.93
<b>2035</b>	12.46	28.10	38.89	35.06	40.70	19.52	22.84	30.83	22.56	24.40	20.12	42.45	42.45
<b>2036</b>	0.00	6.16	15.35	11.95	16.86	0.00	1.53	8.04	0.64	2.63	0.00	18.29	18.29
<b>2037</b>	0.00	8.50	18.27	14.51	19.82	0.29	3.51	10.05	1.85	4.46	0.00	21.29	21.29
<b>2038</b>	0.00	0.00	20.68	17.56	21.87	6.31	8.78	13.81	7.03	9.56	6.11	22.99	22.99
<b>2039</b>	2.13	14.70	22.98	19.53	24.19	7.78	10.22	15.37	7.94	11.01	8.02	25.35	25.35
<b>2040</b>	13.21	26.64	35.43	31.64	36.68	19.35	21.80	27.05	18.96	22.66	19.38	37.87	37.87
<b>2041</b>	14.25	28.59	37.89	33.77	39.18	20.82	23.36	28.71	20.71	24.20	20.78	40.40	40.40
<b>2042</b>	15.35	30.61	40.47	35.99	41.79	22.38	24.99	30.44	22.31	25.84	22.32	43.05	43.05
<b>2043</b>	16.49	32.72	43.15	38.29	44.51	24.01	26.67	32.25	23.68	27.55	24.01	45.80	45.80
<b>2044</b>	17.68	34.92	45.96	40.69	47.36	25.73	28.44	34.13	25.41	84.33	80.77	103.69	103.69

### 5.3 Requerimiento de Potencia Firme de ENSA (MW):

**REQUERIMIENTO SEGÚN REGULACIÓN ENSA (MW)**

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre	Max
<b>2024</b>	133.35	134.47	176.88	42.14	53.55	86.98	75.37	74.14	60.82	16.28	0.00	0.00	176.88
<b>2025</b>	27.45	0.00	1.87	8.38	8.08	56.92	18.47	3.68	16.77	21.18	6.02	5.58	56.92
<b>2026</b>	0.00	0.00	71.02	84.12	108.47	115.43	112.14	107.35	92.79	102.90	77.43	91.86	115.43
<b>2027</b>	80.59	57.24	94.29	107.75	132.82	141.62	133.50	128.57	113.56	123.97	97.74	112.61	141.62
<b>2028</b>	21.97	0.00	34.49	46.78	69.58	77.75	70.32	5.82	118.11	127.63	103.66	117.24	127.63
<b>2029</b>	104.90	83.00	117.76	130.40	153.85	163.46	155.82	151.18	137.08	146.87	122.20	136.18	163.46
<b>2030</b>	55.20	35.51	66.76	78.11	100.28	101.51	94.73	90.61	78.08	86.77	64.87	77.79	101.51
<b>2031</b>	190.42	170.19	202.28	213.95	236.71	238.41	231.44	227.21	214.33	223.27	200.76	213.51	238.41
<b>2032</b>	120.11	85.14	130.56	140.82	160.86	162.30	156.17	152.44	141.11	148.97	129.16	140.39	162.30
<b>2033</b>	133.83	115.56	144.56	155.10	175.66	176.86	170.57	166.75	155.12	163.19	142.86	154.38	176.86
<b>2034</b>	57.19	41.56	66.36	75.37	92.97	93.99	88.61	85.34	75.39	82.29	64.91	74.76	93.99
<b>2035</b>	69.06	53.02	78.47	87.72	105.77	106.82	101.30	97.94	87.74	94.82	76.98	87.09	106.82
<b>2036</b>	0.00	0.00	0.00	1.04	15.86	16.72	12.19	9.43	1.06	6.87	0.00	0.52	16.72
<b>2037</b>	0.00	0.00	3.49	11.28	26.48	27.37	22.71	19.89	11.30	17.26	2.24	10.75	27.37
<b>2038</b>	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
<b>2039</b>	0.00	0.00	0.00	101.19	113.18	113.88	110.21	107.98	101.21	105.91	94.06	100.77	113.88
<b>2040</b>	96.58	75.12	102.99	109.28	121.57	122.29	118.53	116.25	109.30	114.12	101.97	108.85	122.29
<b>2041</b>	104.49	93.30	111.06	117.51	130.11	130.85	126.99	124.65	117.53	122.47	110.02	117.07	130.85
<b>2042</b>	112.53	101.06	119.26	125.88	138.79	139.54	135.59	133.19	125.89	130.96	118.20	125.43	139.54
<b>2043</b>	120.71	108.96	127.61	134.39	147.61	148.39	144.34	141.88	134.40	139.59	126.51	133.92	148.39
<b>2044</b>	129.02	105.37	136.09	143.03	156.58	157.37	153.22	150.71	143.05	368.36	354.97	362.56	368.36

## 5.4 Requerimiento de Energía de EDEMET (GWh):

### REQUERIMIENTO SEGÚN REGULACIÓN EDEMET (GWh)

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre	Total
2024	0.00	3.69	7.38	20.21	47.86	25.30	16.30	12.10	6.11	0.00	0.00	0.00	138.96
2025	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
2026	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
2027	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
2028	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
2029	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
2030	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
2031	5.91	21.16	29.17	49.48	80.98	48.59	27.71	29.83	26.87	26.84	16.54	29.11	392.19
2032	0.00	0.00	0.00	17.00	35.21	8.01	0.00	0.00	0.00	0.00	0.00	0.00	60.22
2033	0.00	0.00	0.00	16.74	44.73	14.85	0.00	0.00	0.00	0.00	0.00	0.00	76.32
2034	0.00	0.00	0.00	0.00	3.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61
2035	0.00	0.00	0.00	0.00	12.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.05
2036	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
2037	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
2038	0.00	0.00	0.00	0.00	8.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.32
2039	0.00	0.00	0.00	2.50	19.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.70
2040	18.77	33.59	35.51	50.96	67.41	40.34	21.77	20.72	19.21	21.34	17.87	24.45	371.94
2041	21.88	37.49	39.46	55.88	73.13	44.71	25.06	24.02	22.50	24.81	21.12	28.19	418.25
2042	25.50	41.84	43.84	61.18	79.20	49.43	28.75	27.78	25.73	28.22	24.33	31.79	467.59
2043	29.01	46.08	48.15	66.46	85.21	54.11	32.43	31.41	29.13	31.77	27.63	35.51	516.90
2044	32.56	50.59	52.75	71.95	91.61	59.17	36.28	35.12	32.75	199.10	188.98	209.23	1,060.09

## 5.5 Requerimiento de Energía de EDECHI (GWh):

### REQUERIMIENTO SEGÚN REGULACIÓN EDECHI (GWh)

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre	Total
<b>2024</b>	23.81	26.26	29.47	35.26	38.60	32.61	35.31	34.67	32.47	13.35	12.09	13.01	326.91
<b>2025</b>	0.00	1.01	6.67	9.54	16.37	11.50	11.93	13.68	12.54	10.92	8.30	11.44	113.90
<b>2026</b>	0.00	0.00	0.00	3.53	10.46	3.06	3.23	5.66	4.30	2.21	0.12	3.92	36.50
<b>2027</b>	0.00	0.00	3.61	6.91	13.63	4.98	5.01	7.99	6.21	4.07	2.17	7.44	62.03
<b>2028</b>	0.00	0.00	0.00	0.93	8.88	5.29	5.19	1.46	15.50	14.94	10.73	11.93	74.85
<b>2029</b>	3.72	2.35	5.72	10.07	18.46	15.15	14.64	18.29	17.88	17.47	14.31	14.63	152.68
<b>2030</b>	0.00	0.00	7.39	5.77	11.92	5.60	6.01	10.73	7.95	9.60	7.18	10.24	82.39
<b>2031</b>	6.51	13.24	19.56	21.73	30.55	21.88	22.74	29.04	25.88	23.31	18.73	28.17	261.32
<b>2032</b>	0.00	4.28	13.04	16.68	18.05	11.45	12.77	16.39	14.73	12.64	9.02	13.24	142.29
<b>2033</b>	0.00	5.97	15.50	13.59	20.13	12.53	14.35	20.30	14.47	15.42	13.27	16.83	162.35
<b>2034</b>	0.00	1.79	6.84	7.50	12.00	3.47	5.27	8.89	5.12	5.30	2.64	9.84	68.65
<b>2035</b>	0.00	3.04	8.52	9.03	13.81	5.14	6.56	10.28	6.00	6.96	3.42	11.54	84.30
<b>2036</b>	0.00	0.00	0.00	0.00	1.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.43
<b>2037</b>	0.00	0.00	0.00	0.00	2.98	0.00	0.00	0.00	0.00	0.00	0.00	1.58	4.55
<b>2038</b>	0.00	0.00	1.01	1.53	5.50	0.00	0.00	4.98	1.25	2.68	0.69	8.82	26.45
<b>2039</b>	0.00	4.60	8.87	7.59	10.02	1.71	3.20	5.90	1.83	3.55	1.74	9.99	59.00
<b>2040</b>	5.33	10.58	15.34	14.33	16.91	9.02	10.62	13.01	9.07	10.83	8.44	16.45	139.94
<b>2041</b>	6.02	11.52	16.55	15.49	18.22	9.97	11.65	14.07	10.27	11.88	9.29	17.68	152.62
<b>2042</b>	6.83	12.53	17.85	16.75	19.62	11.01	12.75	15.25	11.34	12.95	10.21	18.97	166.06
<b>2043</b>	7.59	13.53	19.14	17.99	21.02	12.06	13.87	16.42	12.32	14.05	11.23	20.29	179.50
<b>2044</b>	8.37	14.59	20.48	19.29	22.47	13.17	15.05	17.64	13.49	50.73	45.69	50.35	291.31

## 5.6 Requerimiento de Energía de ENSA (GWh):

### REQUERIMIENTO SEGÚN REGULACIÓN ENSA (GWh)

Años\Meses	Enero	Febrero	Marzo	Abril	Mayo	Junio	Julio	Agosto	Septiembre	Octubre	Noviembre	Diciembre	Total
<b>2024</b>	144.38	128.12	154.06	160.08	177.34	163.93	163.69	158.05	143.64	59.65	55.99	69.21	1,578.14
<b>2025</b>	66.58	51.35	70.98	81.22	95.63	73.13	77.71	61.58	56.94	59.69	51.66	64.64	811.11
<b>2026</b>	34.06	20.25	38.07	51.47	69.72	68.92	66.39	64.46	56.64	59.44	44.52	50.85	624.79
<b>2027</b>	43.95	33.08	50.00	61.81	80.64	79.90	75.24	73.35	65.05	68.07	52.69	59.75	743.52
<b>2028</b>	22.29	3.82	24.96	37.80	56.21	61.76	56.60	29.04	79.13	82.96	68.37	70.79	593.72
<b>2029</b>	69.65	47.52	64.06	76.04	95.72	100.94	94.40	93.63	87.94	92.30	78.74	77.42	978.37
<b>2030</b>	40.14	29.74	52.05	55.75	71.71	74.17	68.99	69.30	61.63	68.72	56.65	57.24	706.09
<b>2031</b>	101.88	88.86	110.23	118.29	139.11	135.89	130.96	134.44	125.59	127.02	111.70	125.15	1,449.11
<b>2032</b>	74.81	55.89	83.47	93.72	102.49	103.64	98.89	99.59	93.90	95.83	82.28	84.62	1,069.15
<b>2033</b>	77.64	66.04	90.50	92.86	109.06	109.87	105.09	108.56	97.91	102.96	92.36	93.42	1,146.25
<b>2034</b>	53.54	44.15	58.98	65.44	77.15	77.01	73.36	73.61	67.38	70.55	60.31	64.26	785.74
<b>2035</b>	58.63	48.82	64.36	70.78	82.83	82.45	78.77	79.03	72.56	75.82	65.27	69.69	849.02
<b>2036</b>	22.93	11.39	26.64	33.31	42.98	44.24	40.79	41.03	36.20	38.88	30.42	31.66	400.45
<b>2037</b>	27.16	20.48	31.11	37.75	47.69	48.76	45.28	45.52	40.49	43.24	34.54	36.15	458.17
<b>2038</b>	0.00	0.00	0.00	0.00	5.23	8.06	4.79	7.75	4.89	6.52	1.94	4.37	43.56
<b>2039</b>	26.22	20.42	29.08	36.61	42.86	41.29	39.95	39.29	35.54	37.57	31.90	37.00	417.72
<b>2040</b>	34.28	24.75	38.35	40.11	46.59	44.86	43.50	42.83	38.94	41.02	35.15	40.55	470.92
<b>2041</b>	37.82	31.42	42.07	43.78	50.49	48.60	47.22	46.55	42.50	44.64	38.58	44.31	517.98
<b>2042</b>	41.26	34.59	45.71	47.40	54.34	52.29	50.89	50.22	46.01	48.20	41.94	47.98	560.85
<b>2043</b>	44.77	37.81	49.42	51.08	58.25	56.04	54.62	53.95	49.58	51.83	45.36	51.71	604.43
<b>2044</b>	48.33	37.65	53.18	54.82	62.23	59.85	58.41	57.74	53.21	154.78	146.02	159.31	945.52

## 6. Acto de Contratación Programado

### 6.1 Contratación de Corto Plazo (2025 - 2030):

Para el mes de diciembre del año 2024 se tiene programado realizar una licitación de corto plazo, de cinco (5) años, cuyo periodo de suministro comprende desde 1 de marzo 2025 hasta el 28 de febrero de 2030, para las empresas de distribución EDEMET / EDECHI / ENSA.

Los montos a licitar serán definidos por parte de la Secretaría Nacional de Energía, de acuerdo a los niveles de contratación de las distribuidoras.

### 6.2 Contratación de Corto Plazo (Preliminar):

Para finales de julio del año 2025, se estaría programando una licitación de corto plazo, sujeto a la definición de los contratos con Coal Power y Enfragen.

### 6.3 Contratación de Largo Plazo (Preliminar):

Para finales de noviembre del año 2025, se estaría programando una licitación de largo plazo. Con esta licitación se buscaría contratar potencia y energía para un periodo de diez (10) años, para las empresas de distribución EDEMET / EDECHI / ENSA.

## 7. Comentarios Realizados al Informe Preliminar de Contratación por parte de las Empresas Distribuidoras

- ✓ El Contrato No. 14-14 y No. 15-14, suscrito por EDEMET y EDECHI respectivamente, con la empresa Coal Power, S.A. Como parte del Comité Consultivo hemos indicado en los comentarios a los pliegos que el requerimiento no considera dichos contratos. En fecha reciente hemos recibidos comunicaciones por parte de La ASEP (DSAN No. 1084, DSAN No. 1109 y DSAN No. 1085), en donde se evidencia que los contratos con Coal Power, S.A. están vigentes por lo que es necesaria su inclusión en los requerimientos.
- ✓ El Contrato DME- 006-13 NAVITAS INTERNACIONAL, S.A, se encuentra pendiente por definir por la ASEP y se incluye dentro del nivel de contratación a partir del 1 de enero de 2026.
- ✓ El Contrato DME-005-15 Alternegy, S.A. luego de su última Enmienda (Enmienda #7) se excluye de la modalidad de Energía y Potencia y se fracciona en dos contratos porque su Energía no está asociada a la Potencia firme contratada.
- ✓ El Contrato DME-006-14 Coal Power se encuentra pendiente por definir por la ASEP y se incluye dentro del nivel de contratación a partir del 1 de enero de 2026.