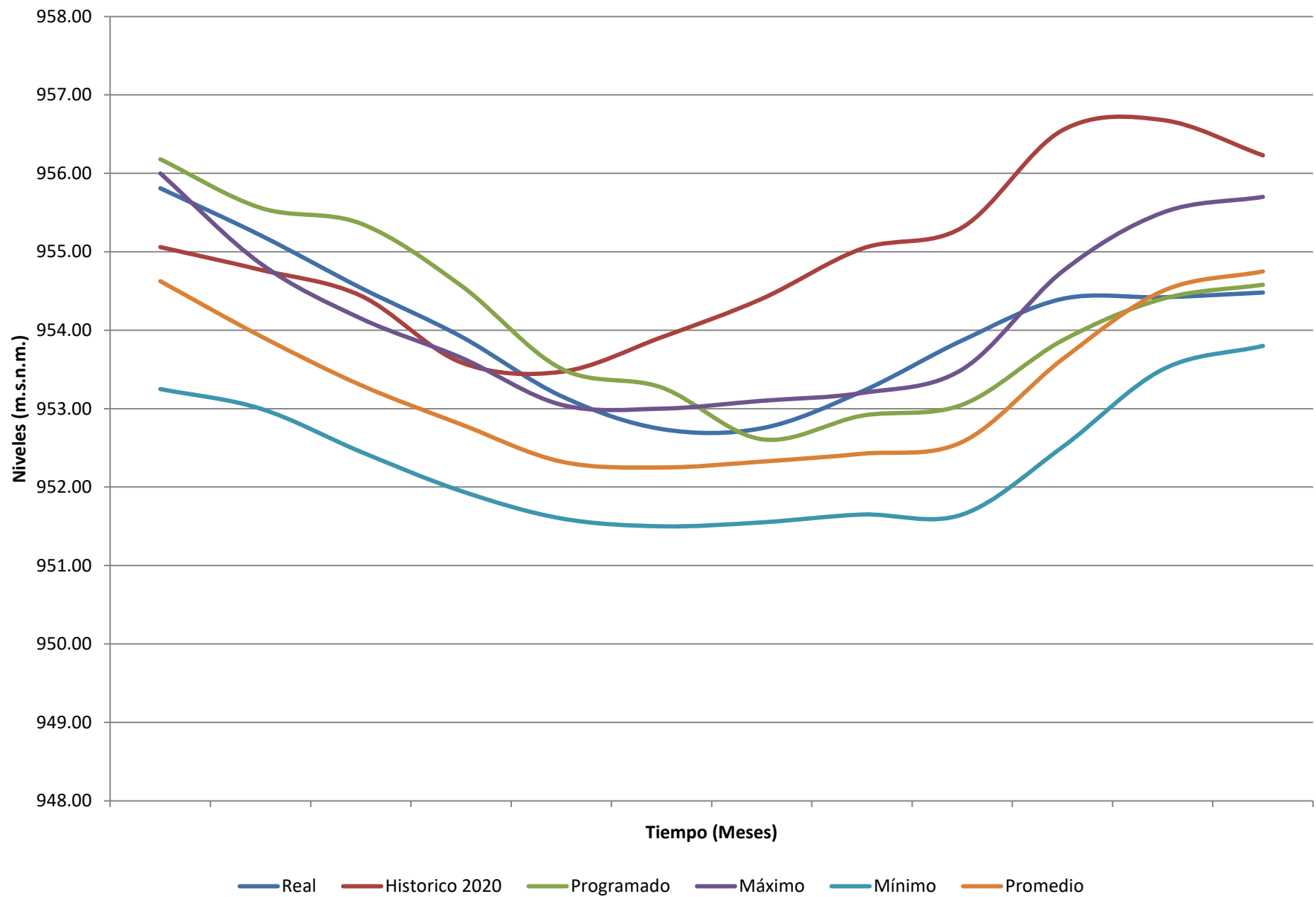


Centro Nacional de Despacho de Carga (CNDC)
Informe de Operación del SIN (Sistema Interconectado Nacional)
Periodo: 2021

BALANCE DE ENERGIA OFICIAL DEL SIN (MWH)															
Periodo: 2021		ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	TOTAL	PROMEDIO
Generación Neta		299,870.27	287,069.77	339,871.93	328,510.01	332,899.14	293,146.68	301,045.66	292,695.84	265,233.95	290,824.96	289,441.54	319,525.77	3,640,135.52	339,871.93
Extracciones		2,031.25	1,937.24	2,329.56	2,160.63	1,951.82	1,957.30	2,215.79	2,319.63	2,927.32	3,128.47	3,210.78	2,231.85	28,401.63	2,366.80
Compras		68,482.94	63,331.78	51,828.05	58,625.17	71,290.31	93,157.11	91,689.93	101,608.74	106,628.55	108,818.48	102,047.34	87,729.55	1,005,237.95	83,769.83
Ventas		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
Máximo (MW)	Programado	665.71	689.27	694.99	739.98	712.99	718.97	711.99	687.39	675.25	696.06	712.42	716.95		739.98
	Calculado	665.06	686.56	691.42	727.51	712.96	719.69	704.45	688.39	688.74	707.15	702.48	713.86		727.51
	Real	665.06	686.56	691.42	727.37	712.56	719.69	704.45	685.37	688.74	707.15	702.48	713.66		727.37
EDS*		575.23	443.84	683.32	735.36	518.23	2,716.05	2,225.64	873.78	678.54	758.87	894.25	290.00	11,393.10	949.42
Interconexiones	Recibido	106,046.10	80,037.60	71,048.91	122,516.56	158,398.80	152,561.91	154,387.59	150,781.42	135,476.07	152,453.14	129,869.45	112,809.03	1,526,386.57	158,398.80
	Enviado	36,796.87	16,216.50	18,917.40	63,457.08	86,266.72	60,159.72	63,036.09	49,440.71	29,151.34	43,971.85	28,235.80	25,424.90	521,074.97	86,266.72
	Neto	766.30	489.32	303.46	434.31	841.77	-754.92	-338.43	-268.03	-303.83	-337.19	-413.70	-345.42	73.65	43,422.91
Demanda Neta		369,694.73	351,334.72	392,686.77	388,304.85	405,549.45	388,264.91	394,622.80	394,910.32	372,237.22	400,065.11	391,969.44	407,199.90	4,656,840.22	388,070.02
DETALLE DE ENERGIA (MWH) ENVIADA Y RECIBIDA POR NODOS DE INTERCONEXION															
Recibido	AMY-L9030	63,204.93	43,603.27	30,771.64	73,924.90	98,023.75	96,384.11	96,394.88	93,889.28	85,427.44	98,196.97	75,164.28	59,458.68	914,444.12	98,196.97
	LNI-L9040	3,408.94	7,225.67	12,459.49	2,386.24	930.29	187.52	629.08	2,073.09	3,456.09	949.28	5,685.69	8,375.62	47,766.99	12,459.49
	SND-L9090	1,467.02	3,287.84	8,845.10	1,274.26	0.75	79.05	120.12	277.50	1,543.48	200.22	4,508.92	5,705.79	27,310.05	8,845.10
	TCPI-L9150	37,965.21	25,920.83	18,972.69	44,931.15	59,444.00	55,911.23	57,243.52	54,541.54	45,049.05	53,106.67	44,510.56	39,268.95	536,865.40	59,444.00
Enviado	AMY-L9030	0.51	49.70	2,461.70	159.84	0.00	6.66	7.54	0.20	0.04	0.00	83.31	72.68	2,842.18	2,461.70
	LNI-L9040	17,566.59	8,409.98	7,491.07	33,041.28	42,661.63	31,023.36	30,648.06	24,444.93	14,551.94	21,500.03	12,847.98	13,053.72	257,240.58	42,661.63
	SND-L9090	19,229.15	7,720.96	7,349.04	30,169.74	43,605.08	29,129.60	32,380.07	24,995.32	14,598.42	22,471.30	15,269.41	12,232.76	259,150.84	43,605.08
	TCPI-L9150	0.62	35.86	1,615.59	86.21	0.00	0.10	0.42	0.26	0.94	0.51	35.10	65.75	1,841.37	1,615.59
Neto	AMY-L9030	63,204.41	43,553.57	28,309.94	73,765.06	98,023.75	96,377.45	96,387.34	93,889.08	85,427.40	98,196.97	75,080.96	59,386.00	911,601.95	
	LNI-L9040	-14,157.65	-1,184.31	4,968.42	-30,655.04	-41,731.34	-30,835.84	-30,018.99	-22,371.84	-11,095.84	-20,550.75	-7,162.29	-4,678.10	-209,473.59	
	SND-L9090	-17,762.12	-4,433.12	1,496.06	-28,895.48	-43,604.33	-29,050.55	-32,259.95	-24,717.82	-13,054.94	-22,271.09	-10,760.49	-6,526.97	-231,840.79	
	TCPI-L9150	37,964.59	25,884.96	17,357.09	44,844.94	59,444.00	55,911.13	57,243.10	54,541.29	45,048.11	53,106.16	44,475.46	39,203.20	535,024.03	
RESUMEN DE COMPRAS Y VENTAS POR AGENTES (MWH)															
BLUEFIELDS	VENTA	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
	COMPRA	66,275.85	59,252.26	47,356.81	51,551.94	57,225.48	88,667.31	89,222.15	96,817.10	100,234.08	84,911.06	79,925.10	71,626.19	893,065.33	74,422.11
DESMINIC	VENTA	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
	COMPRA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	671.58	786.24	760.03	772.04	812.45	3,802.34	316.86
DISNORTE	VENTA	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
	COMPRA	975.39	1,983.34	2,219.72	3,505.88	7,006.02	2,244.90	1,233.89	1,575.10	2,301.24	11,042.40	10,125.03	7,076.91	51,289.83	4,274.15
DISSUR	VENTA	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
	COMPRA	977.39	1,983.34	2,219.72	3,500.74	7,006.02	2,244.90	1,233.89	1,575.10	2,176.05	11,007.40	10,149.66	7,040.71	51,114.94	4,259.58
HOLCIM	VENTA	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
	COMPRA	254.30	112.84	31.80	66.60	52.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	518.33	43.19
TRITON	VENTA	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
	COMPRA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	969.86	1,130.94	1,097.59	1,075.51	1,173.29	5,447.19	453.93

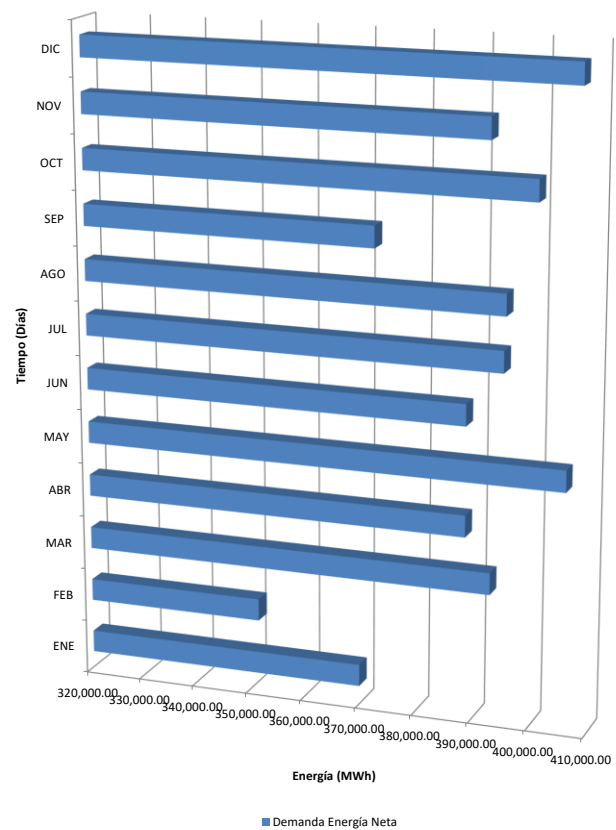
TOTAL		17,109,990.10	15,351,623.39	16,587,665.49	15,509,223.35	16,132,189.94	15,452,787.58	16,687,617.45	15,736,265.64	14,876,722.77	16,686,393.82	18,376,561.31	20,674,316.66	199,181,357.50	20,674,316.66	16,598,446.46
CONSUMO DE AGUA (m3)																
HIDROPANTASMA	HPA1	4,089,252.32	2,354,912.93	3,171,423.68	2,820,586.43	2,870,016.99	3,141,525.89	7,026,631.07	8,112,529.82	7,924,351.62	7,095,149.70	5,018,382.02	6,923,425.54	60,548,188.00	8,112,529.82	5,045,682.33
	HPA2															
PCA-PCF	PCA1	20,020,645.80	17,372,281.80	16,956,368.80	16,892,508.60	14,461,206.20	18,003,994.80	19,812,813.80	19,130,587.00	18,682,021.80	17,192,420.80	13,080,833.20	7,319,189.00	198,924,871.60	20,020,645.80	16,577,072.63
	PCA2	20,444,443.80	17,601,627.40	14,653,185.20	16,285,430.00	13,025,804.20	13,957,827.80	18,852,935.40	17,523,192.40	17,547,561.20	16,222,715.20	10,354,565.40	11,411,122.20	187,880,410.20	20,444,443.80	15,656,700.85
	PCF1	13,437,548.80	9,399,873.60	23,376,787.20	26,805,729.60	27,475,219.20	24,182,828.80	26,350,126.40	25,715,456.00	24,608,750.40	28,889,764.80	18,762,182.40	2,339,084.80	251,343,352.00	28,889,764.80	20,945,279.33
	PCF2	10,731,115.20	9,349,558.40		0.00	0.00		0.00	0.00		0.00		0.00	20,080,673.60	10,731,115.20	1,673,389.47
TOTAL		64,633,753.60	53,723,341.20	54,986,341.20	59,983,668.20	54,962,229.60	56,144,651.40	65,015,875.60	62,369,235.40	60,838,333.40	62,304,900.80	42,197,581.00	21,069,396.00	658,229,307.40	65,015,875.60	54,852,442.28
TOTAL		68,723,005.92	56,078,254.13	58,157,764.88	62,804,254.63	57,832,246.59	59,286,177.29	72,042,506.67	70,481,765.22	68,762,685.02	69,400,050.50	47,215,963.02	27,992,821.54	718,777,495.40	72,042,506.67	59,898,124.62
CONSUMO DE VAPOR (t)																
PENSA	PEN3	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
	PEN4	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
TOTAL		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
CONSUMO DE AGUA (m3)																
PHL	PHL1	38,646,708.60	35,403,091.80	40,934,045.80	36,128,048.00	46,330,652.00	32,474,934.20	39,254,675.00	36,761,109.00	36,707,435.12	34,284,272.40	24,679,476.50	19,680,508.10	421,284,956.52	46,330,652.00	35,107,079.71
	PHL2	38,646,708.60	35,403,091.80	40,934,045.80	36,128,048.00	46,330,652.00	32,474,934.20	39,254,675.00	36,761,109.00	36,707,435.12	34,284,272.40	24,679,476.50	19,680,508.10	421,284,956.52	46,330,652.00	35,107,079.71
TOTAL		77,293,417.20	70,806,183.60	81,868,091.60	72,256,096.00	92,661,304.00	64,949,868.40	78,509,350.00	73,522,218.00	73,414,870.24	68,568,544.80	49,358,953.00	39,361,016.20	842,569,913.04	92,661,304.00	70,214,159.42
CONSUMO DE VAPOR (t)																
PMT	PMT1															
	PMT2	136,174.61	113,069.79	138,358.92	126,796.56	170,737.94	123,986.14	128,516.98	132,874.74	744,139.70	129,498.47	123,334.63	596,695.55	2,664,184.03	744,139.70	222,015.34
	PMT3															
TOTAL		136,174.61	113,069.79	138,358.92	126,796.56	170,737.94	123,986.14	128,516.98	132,874.74	744,139.70	129,498.47	123,334.63	596,695.55	2,664,184.03	744,139.70	222,015.34

Niveles Finales de Operación del Embalse de Apanás del 2021

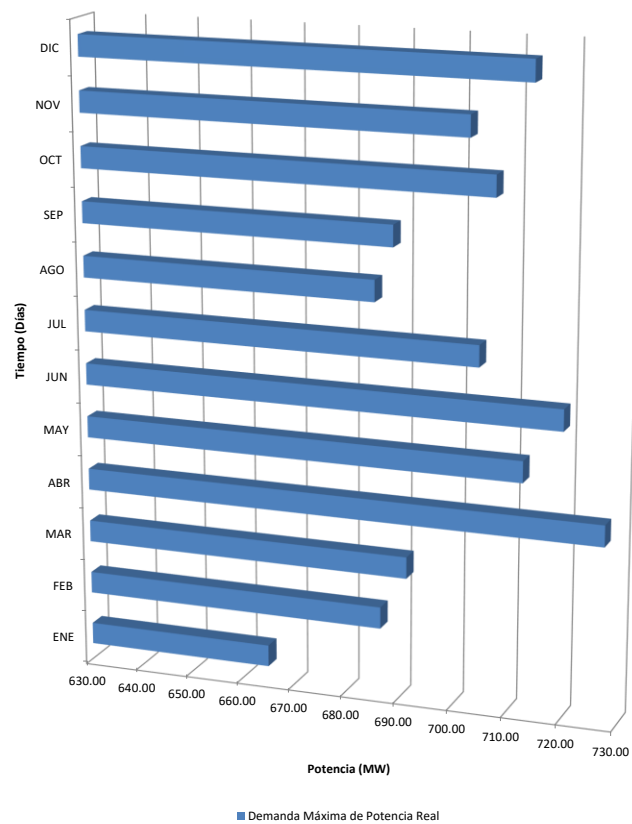


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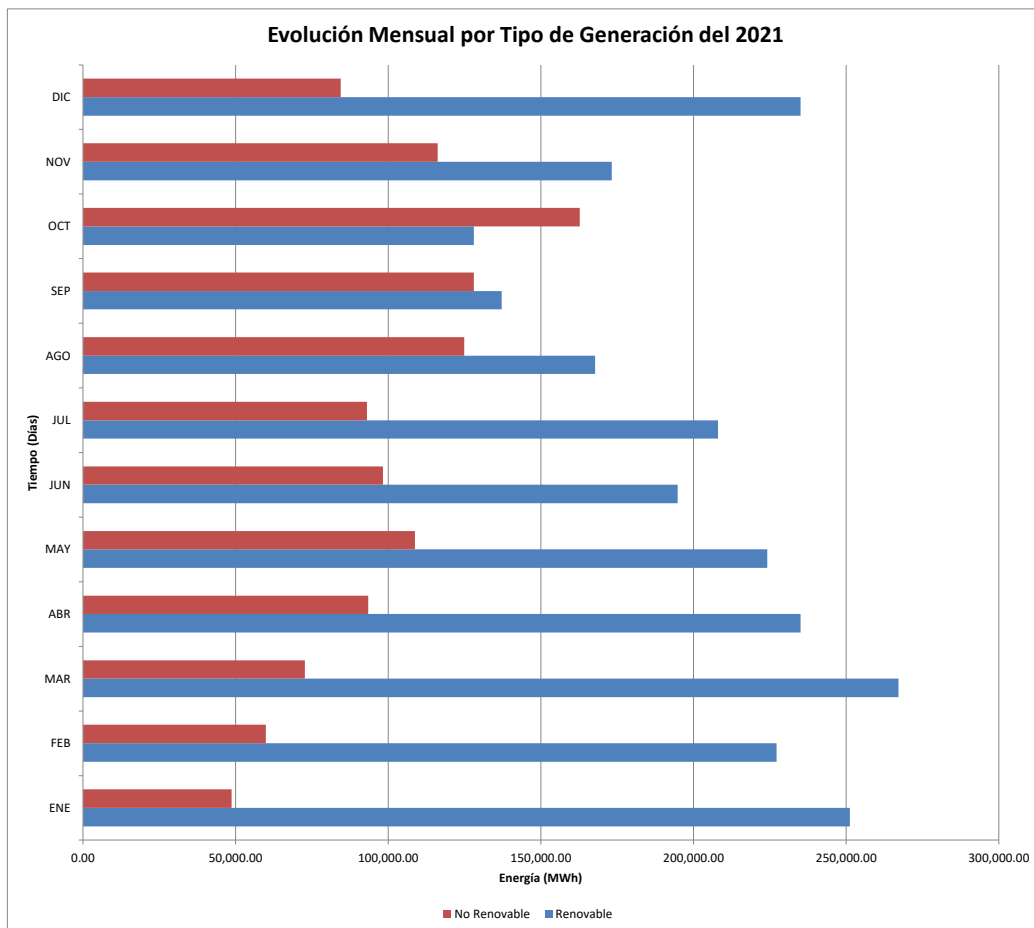
Evolución Mensual de Demanda Neta de Energía del 2021



Evolución Mensual de Demanda Máxima de Potencia Real del 2021



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