

ESCENARIO BASE FINAL
PROYECCIÓN DE DEMANDA DE ENERGÍA ELÉCTRICA 2010-2025
SISTEMA INTERCONECTADO NACIONAL - ENEE

CONCEPTO	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
VENTAS (MWh)																
RESIDENCIAL	2289,985	2427,887	2571,237	2732,765	2905,230	3084,958	3271,570	3464,687	3654,384	3855,554	4066,214	4282,951	4505,831	4734,946	4970,370	5212,196
COMERCIAL	1370,599	1460,482	1553,323	1649,078	1747,750	1849,314	1953,771	2061,119	2161,858	2270,914	2386,328	2504,620	2625,789	2749,836	2876,760	3006,562
CONSUMIDORES INDUST. MEDIANOS	614,526	625,843	642,435	654,094	677,600	702,108	727,515	754,491	774,097	801,168	833,478	869,063	909,959	956,880	1004,657	1057,638
CONSUMIDORES INDUST. GRANDES	672,967	679,925	725,504	781,102	839,441	900,475	964,160	1030,437	1089,725	1156,851	1229,733	1304,747	1381,727	1460,485	1540,812	1622,475
OTROS (G, E.A, M, A,P)	404,751	422,773	441,256	460,201	479,607	499,475	519,804	540,595	561,847	583,561	605,736	628,373	651,471	675,030	699,052	723,534
VENTAS SIST. INTERCON. (ENEE)	5352,828	5616,910	5933,755	6277,240	6649,628	7036,331	7436,820	7851,328	8241,911	8668,049	9121,490	9589,753	10074,777	10577,178	11091,651	11622,406
Porcentaje de Crecimiento	5.6%	4.9%	5.6%	5.8%	5.9%	5.8%	5.7%	5.6%	5.0%	5.2%	5.2%	5.1%	5.1%	5.0%	4.9%	4.8%
VENTAS HECO	39,045	39,241	39,437	39,634	39,832	40,031	40,232	40,433	40,635	40,838	41,042	41,247	41,454	41,661	41,869	42,079
VENTAS TOTALES ENEE + HECO	5391,874	5656,151	5973,192	6316,874	6689,460	7076,362	7477,052	7891,761	8282,546	8708,887	9162,532	9631,001	10116,230	10618,839	11133,520	11664,485
VENTAS ELCATEX	125,405	126,032	126,662	127,296	127,932	128,572	129,215	129,861	130,510	131,163	131,818	132,478	133,140	133,806	134,475	135,147
VENTAS PARK DALE	60,991	61,296	61,602	61,910	62,220	62,531	62,844	63,158	63,474	63,791	64,110	64,431	64,753	65,077	65,402	65,729
VENTAS OTRAS (biomasa y Térmica)	194,439	195,412	196,389	197,371	198,358	199,349	200,346	201,348	202,355	203,366	204,383	205,405	206,432	207,464	208,502	209,544
VENTAS TOTALES INTERNAS	5772,709	6038,891	6357,845	6703,450	7077,969	7466,814	7869,456	8286,127	8678,884	9107,207	9562,844	10033,314	10520,555	11025,185	11541,898	12074,905
Porcentaje de Crecimiento	5.3%	4.6%	5.3%	5.4%	5.6%	5.5%	5.4%	5.3%	4.7%	4.9%	5.0%	4.9%	4.9%	4.8%	4.7%	4.6%
PÉRDIDAS (MWh)																
% del consumo total	21.29%	20.69%	20.09%	19.49%	18.89%	18.29%	17.69%	17.09%	16.93%	16.93%	16.93%	16.93%	16.93%	16.93%	16.93%	16.93%
% de pérdidas convertidas en ventas	87.40%	87.40%	87.40%	87.40%	87.40%	87.40%	87.40%	87.40%	87.40%	87.40%	87.40%	87.40%	87.40%	87.40%	87.40%	87.40%
Pérdidas	1458,214	1475,326	1501,475	1528,958	1557,680	1583,713	1606,689	1626,422	1687,719	1774,593	1867,032	1962,491	2061,365	2163,781	2268,656	2376,850
CONSUMO ENEE + HECO (MWh)																
CONSUMO ENEE + HECO (MWh)	6850,088	7131,477	7474,667	7845,832	8247,140	8660,075	9083,740	9518,182	9970,265	10483,480	11029,564	11593,491	12177,596	12782,620	13402,177	14041,335
Porcentaje de crecimiento	4.8%	4.1%	4.8%	5.0%	5.1%	5.0%	4.9%	4.8%	4.7%	5.1%	5.2%	5.1%	5.0%	5.0%	4.8%	4.8%
CONSUMO HECO(incluido en consumo ENEE)	41,100	41,306	41,512	41,720	41,929	42,138	42,349	42,561	42,774	42,987	43,202	43,418	43,635	43,854	44,073	44,293
CONSUMO ELCATEX	132,005	132,666	133,329	133,995	134,665	135,339	136,015	136,696	137,379	138,066	138,756	139,450	140,147	140,848	141,552	142,260
CONSUMO PARK DALE	64,201	64,522	64,845	65,169	65,495	65,822	66,151	66,482	66,814	67,149	67,484	67,822	68,161	68,502	68,844	69,188
CONSUMO OTRAS (biomasa y Térmica)	204,673	205,697	206,725	207,759	208,797	209,841	210,891	211,945	213,005	214,070	215,140	216,216	217,297	218,383	219,475	220,573
CONSUMO TOTAL	7250,967	7534,361	7879,566	8252,755	8656,098	9071,078	9496,798	9933,305	10387,463	10902,765	11450,945	12016,979	12603,201	13210,353	13832,048	14473,356
Porcentaje de Crecimiento	4.6%	3.9%	4.6%	4.7%	4.9%	4.8%	4.7%	4.6%	4.6%	5.0%	5.0%	4.9%	4.9%	4.8%	4.7%	4.6%
DEMANDA (MW)																
FACTOR DE CARGA	64.96%	64.96%	64.96%	64.96%	64.96%	64.96%	64.96%	64.96%	64.96%	64.96%	64.96%	64.96%	64.96%	64.96%	64.96%	64.96%
DEMANDA ENEE + HECO	1,203.8	1,253.2	1,313.5	1,378.8	1,449.3	1,521.8	1,596.3	1,672.6	1,752.1	1,842.3	1,938.2	2,037.3	2,140.0	2,246.3	2,355.2	2,467.5
Porcentaje de crecimiento	4.8%	4.1%	4.8%	5.0%	5.1%	5.0%	4.9%	4.8%	4.7%	5.1%	5.2%	5.1%	5.0%	5.0%	4.8%	4.8%
DEMANDA HECO(incluido en demanda ENEE)	12.3	14.4	16.4	16.9	17.3	17.8	18.3	18.8	19.4	19.9	20.5	21.0	21.6	22.2	22.9	23.5
DEMANDA ELCATEX	19.4	19.5	19.6	19.7	19.8	19.9	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9
DEMANDA PARK DALE	6.6	6.6	6.7	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9	7.0	7.0	7.0	7.1	7.1
DEMANDA OTRAS (biomasa y térmica)	28.6	28.8	28.9	29.1	29.2	29.4	29.5	29.7	29.8	30.0	30.1	30.3	30.4	30.6	30.7	30.9
DEMANDA TOTAL	1,258.4	1,308.2	1,368.7	1,434.2	1,505.0	1,577.9	1,652.6	1,729.2	1,809.0	1,899.4	1,995.7	2,095.1	2,198.0	2,304.6	2,413.8	2,526.4
Porcentaje de Crecimiento	4.6%	4.0%	4.6%	4.8%	4.9%	4.8%	4.7%	4.6%	4.6%	5.0%	5.1%	5.0%	4.9%	4.9%	4.7%	4.7%

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