

**ESCENARIO BASE FINAL
CON REDUCCIÓN PÉRDIDAS FIDEICOMISO EEH
PROYECCIÓN DE DEMANDA DE ENERGÍA ELÉCTRICA 2018-2032
SISTEMA INTERCONECTADO NACIONAL - ENEE**

REV.-JUL-DIC-17

CONCEPTO	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
VENTAS (MWh)															
RESIDENCIAL	2,622,496	2,749,562	2,871,181	3,022,517	3,179,146	3,341,113	3,508,636	3,687,496	3,861,263	4,053,954	4,253,839	4,446,299	4,646,390	4,854,546	5,071,011
COMERCIAL	1,802,140	1,891,660	1,982,766	2,075,463	2,169,753	2,265,638	2,363,119	2,467,755	2,562,881	2,665,166	2,769,059	2,859,631	2,951,618	3,045,116	3,045,116
CONSUMIDORES INDUST. MEDIANOS	853,853	919,297	979,269	1,042,210	1,104,326	1,169,225	1,237,081	1,313,633	1,382,413	1,460,299	1,541,963	1,612,716	1,687,547	1,766,830	1,850,547
CONSUMIDORES INDUST. GRANDES	679,074	715,079	752,038	789,997	828,999	869,089	910,313	958,278	996,368	1,041,306	1,087,594	1,120,362	1,154,405	1,189,884	1,226,865
ALUMBRADO PÚBLICO	233,375	238,790	244,218	249,657	255,109	260,573	266,049	271,537	277,037	282,549	288,073	293,610	299,158	304,719	310,292
OTROS (G, E.A, M)	415,610	425,719	435,862	446,040	456,252	466,498	476,778	487,094	497,443	507,827	518,245	528,697	539,184	549,705	549,705
VENTAS SIST. INTERCON. (ENEE)	6,606,547	6,940,108	7,265,333	7,625,885	7,993,585	8,372,136	8,761,976	9,185,793	9,577,404	10,011,101	10,458,772	10,861,315	11,278,302	11,710,799	12,053,536
Porcentaje de Crecimiento	7.0%	5.0%	4.7%	5.0%	4.8%	4.7%	4.7%	4.8%	4.3%	4.5%	4.5%	3.8%	3.8%	3.8%	2.9%
VENTAS ELCATEX	91,492	91,950	92,409	92,871	93,336	93,802	94,271	94,743	95,216	95,693	96,171	96,652	97,135	97,621	98,109
VENTAS PARK DALE	89,199	89,645	90,093	90,544	90,996	91,451	91,909	92,368	92,830	93,294	93,761	94,229	94,701	95,174	95,650
VENTAS BECOSA	526,965	526,965	526,965	526,965	526,965	526,965	526,965	526,965	526,965	526,965	526,965	526,965	526,965	526,965	526,965
VENTAS OTRAS (Biomasa, Térmica y Eólica)	112,042	112,154	112,267	112,379	112,491	112,604	112,716	112,829	112,942	113,055	113,168	113,281	113,394	113,508	113,621
VENTAS TOTALES INTERNAS	7,426,245	7,760,822	8,087,067	8,448,644	8,817,373	9,196,958	9,587,837	10,012,697	10,405,357	10,840,107	11,288,836	11,692,442	12,110,497	12,544,067	12,887,881
Porcentaje de Crecimiento	6.2%	4.5%	4.2%	4.5%	4.4%	4.3%	4.3%	4.4%	3.9%	4.2%	4.1%	3.6%	3.6%	3.6%	2.7%
PÉRDIDAS (MWh)															
% del consumo total	27.53%	24.53%	21.53%	19.53%	18.53%	17.53%	16.53%	15.53%	14.53%	13.53%	12.53%	11.53%	11.53%	11.53%	11.53%
% 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%
Pérdidas	2,510,098	2,256,124	1,993,776	1,851,165	1,818,484	1,779,985	1,735,574	1,689,232	1,628,581	1,566,861	1,498,638	1,415,954	1,470,315	1,526,698	1,571,380
CONSUMO SUMINISTRADO POR ENEE (MWh)	9,116,645	9,196,232	9,259,110	9,477,050	9,812,069	10,152,121	10,497,550	10,875,025	11,205,985	11,577,962	11,957,410	12,277,269	12,748,617	13,237,498	13,624,916
Porcentaje de crecimiento	2.5%	0.9%	0.7%	2.4%	3.5%	3.5%	3.4%	3.6%	3.0%	3.3%	3.3%	2.7%	3.8%	3.8%	2.9%
CONSUMO ELCATEX	96,307	96,789	97,273	97,759	98,248	98,739	99,233	99,729	100,228	100,729	101,233	101,739	102,247	102,759	103,273
CONSUMO PARK DALE	93,894	94,363	94,835	95,309	95,786	96,265	96,746	97,230	97,716	98,204	98,695	99,189	99,685	100,183	100,684
CONSUMO BECOSA	554,700	554,700	554,700	554,700	554,700	554,700	554,700	554,700	554,700	554,700	554,700	554,700	554,700	554,700	554,700
CONSUMO OTRAS (Biomasa, Térmica y Eólica)	117,939	118,057	118,175	118,293	118,412	118,530	118,649	118,767	118,886	119,005	119,124	119,243	119,362	119,482	119,601
CONSUMO SUMINISTRADO AL SISTEMA SIN ENS	9,979,485	10,060,141	10,124,092	10,343,112	10,679,214	11,020,354	11,366,878	11,745,451	12,077,514	12,450,600	12,831,162	13,152,139	13,624,612	14,114,621	14,503,173
Porcentaje de crecimiento	2.3%	0.8%	0.6%	2.2%	3.2%	3.2%	3.1%	3.3%	2.8%	3.1%	3.1%	2.5%	3.6%	3.6%	2.8%
ENERGÍA NO SUMINISTRADA AL SISTEMA	73,357	73,431	73,504	73,578	73,651	73,725	73,799	73,872	73,946	74,020	74,094	74,168	74,243	74,317	74,391
CONSUMO TOTAL SISTEMA + ENS	10,052,843	10,133,572	10,197,597	10,416,689	10,752,865	11,094,079	11,440,676	11,819,323	12,151,460	12,524,620	12,905,256	13,226,307	13,698,854	14,188,938	14,577,565
Porcentaje de crecimiento	2.3%	0.8%	0.6%	2.1%	3.2%	3.2%	3.1%	3.3%	2.8%	3.1%	3.0%	2.5%	3.6%	3.6%	2.7%
DEMANDA (MW)															
FACTOR DE CARGA	69.35%	69.35%	69.35%	69.35%	69.35%	69.35%	69.35%	69.35%	69.35%	69.35%	69.35%	69.35%	69.35%	69.35%	69.35%
DEMANDA SUMINISTRADA POR ENEE SIN PNS	1,500.7	1,513.8	1,524.2	1,560.1	1,615.2	1,671.2	1,728.1	1,790.2	1,844.7	1,905.9	1,968.4	2,021.0	2,098.6	2,179.1	2,242.9
Porcentaje de crecimiento	2.5%	0.9%	0.7%	2.4%	3.5%	3.5%	3.4%	3.6%	3.0%	3.3%	3.3%	2.7%	3.8%	3.8%	2.9%
DEMANDA ELCATEX	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.4	27.7	29.1
DEMANDA PARK DALE	14.0	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.2
DEMANDA BECOSA	56.6	56.9	57.2	57.5	57.8	58.1	58.3	58.6	58.9	59.2	59.5	59.8	60.1	60.4	60.7
DEMANDA OTROS (Biomasa, Térmica y Eólica)	13.6	13.6	13.6	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.8	13.8
DEMANDA SUMINISTRADA AL SISTEMA SIN PNS	1,599.0	1,613.4	1,625.0	1,662.2	1,718.7	1,776.0	1,834.2	1,897.6	1,953.4	2,016.0	2,079.8	2,133.8	2,213.0	2,295.2	2,360.7
Porcentaje de crecimiento	2.5%	0.9%	0.7%	2.3%	3.4%	3.3%	3.3%	3.5%	2.9%	3.2%	3.2%	2.6%	3.7%	3.7%	2.9%
DEMANDA NO SUMINISTRADA AL SISTEMA (PNS)	66.22	66.29	66.35	66.42	66.49	66.55	66.62	66.69	66.75	66.82	66.89	66.95	67.02	67.09	67.15
DEMANDA TOTAL SISTEMA + PNS	1,665.2	1,679.7	1,691.4	1,728.6	1,785.2	1,842.5	1,900.8	1,964.3	2,020.2	2,082.8	2,146.7	2,200.7	2,280.1	2,362.3	2,427.8
Porcentaje de crecimiento	3.1%	0.9%	0.7%	2.2%	3.3%	3.2%	3.2%	3.3%	2.8%	3.1%	3.1%	2.5%	3.6%	3.6%	2.8%
MW ADICIONALES POR AÑO	49.3	14.5	11.7	37.3	56.5	57.4	58.2	63.5	55.9	62.6	63.9	54.0	79.3	82.2	65.5