

ESCENARIO BASE FINAL  
CON REDUCCIÓN DE PÉRDIDAS FIDEICOMISO EEH  
PROYECCIÓN DE DEMANDA DE ENERGÍA ELÉCTRICA 2019-2033  
SISTEMA INTERCONECTADO NACIONAL - ENEE

CONCEPTO	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
<b>VENTAS (MWh)</b>															
RESIDENCIAL	2,620,609	2,784,400	2,966,661	3,158,303	3,368,341	3,595,412	3,845,961	4,114,429	4,412,992	4,740,806	5,092,631	5,479,995	5,901,759	6,360,775	6,864,531
COMERCIAL	1,744,567	1,822,875	1,902,651	1,983,900	2,066,626	2,150,833	2,239,524	2,323,716	2,412,403	2,502,599	2,585,646	2,669,957	2,755,657	2,842,746	2,931,225
CONSUMIDORES INDUST. MEDIANOS	850,881	914,886	987,634	1,063,765	1,146,486	1,233,200	1,328,706	1,424,479	1,529,918	1,642,532	1,754,187	1,874,027	2,003,524	2,143,762	2,298,117
CONSUMIDORES INDUST. GRANDES	717,704	749,864	783,086	817,418	852,910	889,616	930,588	966,898	1,007,595	1,049,751	1,084,770	1,121,130	1,159,023	1,198,520	1,239,698
ALUMBRADO PÚBLICO	266,944	276,722	286,706	296,896	307,292	317,895	328,703	339,718	350,939	362,367	374,000	385,840	397,886	410,138	422,596
OTROS (G, E, A, M)	382,146	393,718	405,450	417,343	429,396	441,609	453,982	466,516	479,210	492,064	505,078	518,253	531,587	545,082	558,738
VENTAS SIST. INTERCON. (ENEE)	6,582,852	6,942,464	7,332,188	7,737,624	8,171,051	8,628,566	9,127,464	9,635,756	10,193,058	10,790,117	11,396,313	12,049,201	12,749,435	13,501,024	14,314,904
Porcentaje de Crecimiento	6.3%	5.5%	5.6%	5.5%	5.6%	5.6%	5.8%	5.6%	5.8%	5.9%	5.6%	5.7%	5.8%	5.9%	6.0%
VENTAS ELCATEX	76,465	76,847	77,232	77,618	78,006	78,396	78,788	79,182	79,578	79,976	80,376	80,777	81,181	81,587	81,995
VENTAS PARK DALE	70,590	70,943	71,298	71,654	72,013	72,373	72,735	73,098	73,464	73,831	74,200	74,571	74,944	75,319	75,695
VENTAS BECOSA	453,955	453,955	453,955	453,955	453,955	453,955	453,955	453,955	453,955	453,955	453,955	453,955	453,955	453,955	453,955
VENTAS OTRAS (Biomasa, Térmica y Eólica)	263,927	264,191	264,455	264,719	264,984	265,249	265,514	265,780	266,046	266,312	266,578	266,845	267,111	267,379	267,646
VENTAS TOTALES INTERNAS	7,447,789	7,808,401	8,199,128	8,605,571	9,040,009	9,498,538	9,998,456	10,507,771	11,066,100	11,664,191	12,271,421	12,925,349	13,626,627	14,379,263	15,194,195
Porcentaje de Crecimiento	5.6%	4.8%	5.0%	5.0%	5.0%	5.1%	5.3%	5.1%	5.3%	5.4%	5.2%	5.3%	5.4%	5.5%	5.7%
<b>PERDIDAS (MWh)</b>															
% del consumo total	28.92%	25.92%	23.92%	22.92%	21.92%	20.92%	19.92%	18.92%	17.92%	16.92%	15.92%	14.92%	13.92%	12.92%	11.92%
% 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	2,678,296	2,429,075	2,305,245	2,300,770	2,293,882	2,282,578	2,270,425	2,248,457	2,225,339	2,197,459	2,157,769	2,112,950	2,061,660	2,003,084	1,937,202
CONSUMO SUMINISTRADO POR ENEE (MWh)	9,261,148	9,371,539	9,637,433	10,038,394	10,464,933	10,911,144	11,397,890	11,884,213	12,418,397	12,987,576	13,554,082	14,162,152	14,811,095	15,504,108	16,252,106
Porcentaje de crecimiento	1.85%	1.19%	2.84%	4.16%	4.25%	4.26%	4.46%	4.27%	4.49%	4.58%	4.36%	4.49%	4.58%	4.68%	4.82%
CONSUMO ELCATEX	80,490	80,892	81,296	81,703	82,111	82,522	82,935	83,349	83,766	84,185	84,606	85,029	85,454	85,881	86,311
CONSUMO PARK DALE	74,306	74,677	75,050	75,426	75,803	76,182	76,563	76,946	77,330	77,717	78,106	78,496	78,889	79,283	79,679
CONSUMO BECOSA	477,847	477,847	477,847	477,847	477,847	477,847	477,847	477,847	477,847	477,847	477,847	477,847	477,847	477,847	477,847
CONSUMO OTRAS (Biomasa, Térmica y Eólica)	277,818	278,096	278,374	278,652	278,931	279,210	279,489	279,768	280,048	280,328	280,608	280,889	281,170	281,451	281,733
CONSUMO SUMINISTRADO AL SISTEMA SIN ENS	10,171,608	10,283,051	10,550,001	10,952,021	11,379,625	11,826,905	12,314,723	12,802,124	13,337,388	13,907,653	14,475,249	15,084,413	15,734,455	16,428,570	17,177,676
Porcentaje de crecimiento	1.70%	1.10%	2.60%	3.81%	3.90%	3.93%	4.12%	3.96%	4.18%	4.28%	4.08%	4.21%	4.31%	4.41%	4.56%
ENERGÍA NO SUMINISTRADA AL SISTEMA	37,780	37,817	37,855	37,893	37,931	37,969	38,007	38,045	38,083	38,121	38,159	38,197	38,235	38,274	38,312
CONSUMO TOTAL SISTEMA + ENS	10,209,387	10,320,868	10,587,856	10,989,915	11,417,556	11,864,874	12,352,730	12,840,168	13,375,471	13,945,774	14,513,408	15,122,610	15,772,690	16,466,844	17,215,988
Porcentaje de crecimiento	1.69%	1.09%	2.59%	3.80%	3.89%	3.92%	4.11%	3.95%	4.17%	4.26%	4.07%	4.20%	4.30%	4.40%	4.55%
<b>DEMANDA (MW)</b>															
FACTOR DE CARGA	69.91%	69.91%	69.91%	69.91%	69.91%	69.91%	69.91%	69.91%	69.91%	69.91%	69.91%	69.91%	69.91%	69.91%	69.91%
DEMANDA SUMINISTRADA POR ENEE SIN PNS	1,512.2	1,530.2	1,573.6	1,639.1	1,708.7	1,781.6	1,861.1	1,940.5	2,027.7	2,120.6	2,213.1	2,312.4	2,418.4	2,531.5	2,653.7
Porcentaje de crecimiento	1.85%	1.19%	2.84%	4.16%	4.25%	4.26%	4.46%	4.27%	4.49%	4.58%	4.36%	4.49%	4.58%	4.68%	4.82%
DEMANDA ELCATEX	14.2	15.2	16.2	17.2	18.2	19.2	20.2	21.2	22.2	23.2	24.2	25.6	26.9	28.3	29.7
DEMANDA PARK DALE	12.5	12.5	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.7	12.7	12.7	12.7
DEMANDA BECOSA	60.3	60.6	60.9	61.2	61.5	61.8	62.1	62.4	62.8	63.1	63.4	63.7	64.0	64.3	64.7
DEMANDA OTROS (Biomasa, Térmica y Eólica)	31.6	31.7	31.7	31.7	31.8	31.8	31.8	31.8	31.9	31.9	31.9	32.0	32.0	32.0	32.1
DEMANDA SUMINISTRADA AL SISTEMA SIN PNS	1,630.8	1,650.2	1,695.0	1,761.8	1,832.8	1,907.0	1,987.8	2,068.6	2,157.2	2,251.5	2,345.3	2,446.3	2,554.0	2,668.9	2,792.8
Porcentaje de crecimiento	1.8%	1.2%	2.7%	3.9%	4.0%	4.0%	4.2%	4.1%	4.3%	4.4%	4.2%	4.3%	4.4%	4.5%	4.6%
DEMANDA NO SUMINISTRADA AL SISTEMA (PNS)	34.29	34.33	34.36	34.40	34.43	34.47	34.50	34.54	34.57	34.60	34.64	34.67	34.71	34.74	34.78
DEMANDA TOTAL SISTEMA + PNS	1,665.1	1,684.5	1,729.3	1,796.2	1,867.2	1,941.5	2,022.3	2,103.1	2,191.7	2,286.1	2,380.0	2,481.0	2,588.7	2,703.6	2,827.5
Porcentaje de crecimiento	1.8%	1.2%	2.7%	3.9%	4.0%	4.0%	4.2%	4.0%	4.2%	4.3%	4.1%	4.2%	4.3%	4.4%	4.6%
MW ADICIONALES POR AÑO	28.9	19.4	44.8	66.9	71.0	74.2	80.9	80.8	88.6	94.3	93.9	101.0	107.7	114.9	123.9