

ANEXO 34

COSTO MARGINAL DE POTENCIA

CM demanda

\$/MWh

1

Costo marginal de demanda sin Plan

ETAPA	Esc 1	Esc 2	Esc 3	Esc 4	Esc 5
	Prom.	Prom.	Prom.	Prom.	Prom.
01/2007-01	131.28	131.04	130.88	131.69	132.23
01/2007-02	123.98	124.11	124.44	124.52	122.27
01/2007-03	122.73	122.86	121.1	121.17	119.97
02/2007-01	133.03	133.11	131.44	132.18	134.04
02/2007-02	129.47	130.37	128.5	129.44	129.56
02/2007-03	129.13	129.99	125.27	125.7	126.05
03/2007-01	135.89	136.67	137.75	138.83	134.79
03/2007-02	131.94	132.32	128.67	128.81	129.87
03/2007-03	131.22	131.66	126.47	126.65	128.63
04/2007-01	140.01	140.06	137.1	134.02	140.38
04/2007-02	135.39	135.39	131.31	129.89	133.71
04/2007-03	132.97	132.85	129.52	127.98	130.37
05/2007-01	156.96	156.52	138.55	137.76	145.94
05/2007-02	150.16	150.65	133.79	133.33	138.78
05/2007-03	148.67	148.9	132.14	131.16	135.87
06/2007-01	168.14	167.91	166.67	166.46	179.22
06/2007-02	142.77	142.79	136.28	136.99	145.18
06/2007-03	139.32	139.49	134.18	134.8	137.54
07/2007-01	159.55	159.53	151.57	147.77	169.37
07/2007-02	140.53	140.36	134.13	131.22	142.18
07/2007-03	139.79	139.58	132.12	129.04	138.37
08/2007-01	153.42	154.97	148.1	152.33	152.18
08/2007-02	136.4	136.16	132.1	132.29	127.84
08/2007-03	134.69	134.62	128.97	129.42	122.25
09/2007-01	167.89	172.38	159.01	155.02	193.57
09/2007-02	139.09	138.94	131.91	131.96	124.76
09/2007-03	138.42	138.26	130.64	130.76	123.59
10/2007-01	151.67	152.09	146.85	149.02	161.99
10/2007-02	139.57	139.89	134.38	135.54	129.23
10/2007-03	131.81	131	128.45	128.52	123.3
11/2007-01	148.85	148.9	147.97	152.3	144.77
11/2007-02	134.99	134.85	132.58	133.81	127.33
11/2007-03	131.23	131.32	129.61	129.93	114.77
12/2007-01	143.59	143.25	137.58	136.61	137.9
12/2007-02	133.06	132.31	127.31	127.76	128.92
12/2007-03	127.76	127.38	123.95	123.65	123.18
01/2008-01	158.84	159.14	144.12	145.82	150.21
01/2008-02	148.87	148.57	140.84	142.09	133.72

01/2008-03	142.33	141.94	137.13	138.87	129.36
02/2008-01	153.2	152.27	144.25	145.61	142.54
02/2008-02	144.4	143.35	139.48	141.49	139.15
02/2008-03	141.2	140.56	138.83	140.91	134.55
03/2008-01	159.11	157.59	145.6	145.33	145.99
03/2008-02	150.87	149.98	141.37	143.89	141.53
03/2008-03	149.12	148.36	140.33	143.28	140.9
04/2008-01	181.57	175.87	138.87	143.45	153.08
04/2008-02	178.79	173.43	135.75	139.19	148.8
04/2008-03	177.11	171.85	134.17	137.75	145.86
05/2008-01	220.53	206.94	146.29	152.61	152.69
05/2008-02	214.84	201.2	136.22	138.2	145.2
05/2008-03	214.11	200.63	134.31	136.41	143.21
06/2008-01	229.73	228.39	195.42	183.74	174.05
06/2008-02	206.13	206.13	162.52	154.05	142.69
06/2008-03	205.07	205.04	159.95	152.37	140.61
07/2008-01	187.17	185.09	152.04	156.35	151.74
07/2008-02	175.15	172.74	147.17	150	145.59
07/2008-03	172.69	170.28	141.92	146.04	140.01
08/2008-01	185.05	184.53	181.55	168.9	183.05
08/2008-02	160.21	159.91	150.24	146.29	155.79
08/2008-03	158.07	157.97	145.61	142.43	152.14
09/2008-01	183.62	185.53	160.79	151.21	133.86
09/2008-02	174.07	172.78	154.53	144.94	127.45
09/2008-03	172.92	171.72	151.81	144.17	125.85
10/2008-01	146.4	146.94	136.08	138.31	135.48
10/2008-02	137.04	136.52	127.76	129.98	132.63
10/2008-03	135.91	135.31	123.68	128.51	129.37
11/2008-01	158.69	158.35	141.69	142.91	138.29
11/2008-02	140.29	139.85	134.7	130.83	124.37
11/2008-03	135.62	135.23	129.15	125.19	118.3
12/2008-01	159.82	160.04	143.76	138.15	136.11
12/2008-02	137.84	137.56	122.94	124.2	122.56
12/2008-03	132.69	132.49	118.5	120.34	117.49
01/2009-01	139.23	144.4	125.42	135.51	130.26
01/2009-02	132.41	134.59	121.13	128.55	123.02
01/2009-03	129.92	131.58	119.14	126.16	120.32
02/2009-01	145.95	143.38	128.64	139.71	141.39
02/2009-02	141.47	138.61	123.98	134.97	135.32
02/2009-03	140.26	137.37	123.65	134.04	133.65
03/2009-01	148.98	149.43	140.64	145.32	145.55
03/2009-02	144.21	144.46	132.23	138.39	141.12
03/2009-03	143.22	143.38	131.94	135.22	140.07
04/2009-01	153.69	152.87	166.48	153.03	159.1
04/2009-02	152.02	151.53	156.94	151.63	156.8
04/2009-03	149.13	147.93	155.43	148.78	155.74
05/2009-01	160.13	158.45	163.87	153.37	173.53
05/2009-02	152.34	150.8	152.04	149.83	167.66

05/2009-03	150.71	149.59	150.29	146.29	166.29
06/2009-01	172.9	173.34	141.77	185.66	172.65
06/2009-02	145.13	146.01	118.36	156.87	148.88
06/2009-03	143.87	144.18	117.32	154.01	146.24
07/2009-01	143.27	142.82	126.57	131	137.37
07/2009-02	137.04	137.55	102.65	124.86	129.18
07/2009-03	133.62	134.01	101.52	120.81	127.62
08/2009-01	188.35	185.24	148.5	167.13	190.36
08/2009-02	153.91	152.65	111.36	132.63	169.18
08/2009-03	150.61	149.45	106.45	129.61	165.91
09/2009-01	127.39	122.04	113.46	126.3	137.47
09/2009-02	116.85	116.37	92.658	116.86	129.25
09/2009-03	114.95	114.68	92.219	115.77	127.05
10/2009-01	123.93	123.15	117.79	134.95	133.21
10/2009-02	114.99	114.92	92.158	113.6	127.69
10/2009-03	110.79	110.97	88.617	109.49	121.55
11/2009-01	128.5	127.9	116.65	124.72	130.38
11/2009-02	111.28	111.95	84.825	108.34	120.78
11/2009-03	105.68	106.76	83.239	104.1	115.69
12/2009-01	136.99	137.83	118.93	127.67	133.69
12/2009-02	112.4	112.94	83.074	106.04	115.15
12/2009-03	107.59	107.89	77.218	97.741	108.52
01/2010-01	127.94	127.61	88.732	130.47	125.33
01/2010-02	114.55	114.08	82.448	107.21	114.12
01/2010-03	111.22	111.16	81.079	103.02	111.48
02/2010-01	134.02	129.27	96.154	127.87	125.48
02/2010-02	122.58	118.7	91.174	116.7	115.13
02/2010-03	119.47	116.2	88.862	112.78	113.62
03/2010-01	152.17	146.93	105.65	122.53	132.13
03/2010-02	147.42	142.27	96.797	116.96	125.32
03/2010-03	145.71	140.69	95.277	114.35	123.7
04/2010-01	175.23	175.86	101.42	128.4	136.93
04/2010-02	170.97	171.28	93.725	119.96	129.32
04/2010-03	170.44	170.04	93.54	119.13	126.96
05/2010-01	202.13	205.13	153.4	182.64	150.02
05/2010-02	186.42	189.7	130.48	160.34	134.35
05/2010-03	185.29	189.63	129.86	159.62	133.66
06/2010-01	104.89	103.63	56.46	99.834	90.841
06/2010-02	99.452	98.264	52.559	95.878	85.542
06/2010-03	98.832	97.785	52.16	94.592	83.383
07/2010-01	94.096	93.662	51.332	89.335	92.65
07/2010-02	85.174	84.22	46.199	82.552	83.393
07/2010-03	83.844	82.605	45.689	78.831	81.412
08/2010-01	108.28	106.58	54.338	117.95	119.65
08/2010-02	82.462	80.854	46.428	81.139	81.652
08/2010-03	79.63	77.582	43.08	77.802	78.337
09/2010-01	90.6	88.85	44.657	82.23	86.174
09/2010-02	78.809	78.258	38.531	73.364	77.804

09/2010-03	73.402	72.877	36.242	68.938	73.31
10/2010-01	89.53	88.353	45.91	82.638	84.651
10/2010-02	81.785	80.786	41.821	76.577	79.669
10/2010-03	72.534	73.296	36.75	71.521	73.998
11/2010-01	90.067	88.925	49.655	83.77	80.878
11/2010-02	80.587	80.223	41.335	75.939	72.245
11/2010-03	73.542	72.145	37.676	68.956	67.483
12/2010-01	86.253	85.144	50.422	81.498	80.72
12/2010-02	83.436	81.648	41.334	75.792	72.868
12/2010-03	68.678	66.006	34.349	64.26	66.419
01/2011-01	87.505	86.816	47.457	80.742	81.431
01/2011-02	82.424	81.239	42.776	77.225	75.618
01/2011-03	75.777	74.536	37.091	67.409	72.919
02/2011-01	90.369	89.734	57.185	93.125	82.456
02/2011-02	88.258	87.765	52.33	90.33	79.252
02/2011-03	85.659	83.826	49.179	83.99	76.011
03/2011-01	112.53	112.89	79.576	133.8	85.748
03/2011-02	87.821	88.01	66.011	102.54	80.605
03/2011-03	87.305	87.409	64.528	102.07	80.213
04/2011-01	111.22	111.82	85.429	150.93	82.365
04/2011-02	87.95	86.748	71.923	118.02	77.446
04/2011-03	86.359	84.902	67.16	115.79	76.785
05/2011-01	123.67	117.12	67.366	130.22	98.136
05/2011-02	90.659	86.509	49.833	84.737	78.428
05/2011-03	88.532	84.018	47.087	82.726	77.589
06/2011-01	110.94	111.71	50.094	113.21	82.182
06/2011-02	77.113	75.797	39.59	74.267	67.694
06/2011-03	74.771	73.189	35.372	70.992	64.594
07/2011-01	117.63	112.74	58.188	115.47	93.609
07/2011-02	71.558	70.649	38.683	68.274	66.227
07/2011-03	68.46	66.725	35.169	64.036	62.71
08/2011-01	130.67	121.55	60.364	126.97	115.82
08/2011-02	74.489	73.318	39.636	67.47	65.213
08/2011-03	67.175	66.012	33.96	61.216	61.018
09/2011-01	87.822	92.626	47.29	92.452	82.74
09/2011-02	73.1	71.743	33.496	61.355	63.014
09/2011-03	68.077	66.436	30.82	56.667	59.346
10/2011-01	85.495	85.105	47.468	89.95	73.681
10/2011-02	76.373	74.399	37.126	67.414	62.356
10/2011-03	66.467	63.683	29.523	60.504	58.131
11/2011-01	91.802	92.165	52.39	102.59	74.119
11/2011-02	68.77	67.11	35.236	59.981	61.789
11/2011-03	58.179	58.1	27.177	51.826	56.051
12/2011-01	80.621	79.945	53.108	84.822	68.79
12/2011-02	69.65	67.946	41.911	61.708	58.258
12/2011-03	51.301	47.876	27.387	47.469	48.756
01/2012-01	97.318	97.062	52.514	66.777	61.15
01/2012-02	79.875	77.566	48.161	61.166	57.29

01/2012-03	71.505	69.015	37.299	55.439	54.014
02/2012-01	103.66	98.533	57.079	70.054	61.789
02/2012-02	81.806	81.294	51.009	65.359	58.381
02/2012-03	77.23	76.683	48.337	63.864	57.319
03/2012-01	108.22	110.67	63.396	72.432	65.688
03/2012-02	83.356	82.984	50.68	65.022	60.72
03/2012-03	82.417	81.556	49.218	63.934	60.379
04/2012-01	132.88	136.53	64.549	72.223	79.775
04/2012-02	110.82	110.08	49.968	65.844	74.031
04/2012-03	109.25	108.46	47.907	64.827	73.241
05/2012-01	105.75	109.75	64.263	72.183	71.708
05/2012-02	86.781	86.326	46.455	63.473	60.723
05/2012-03	83.977	83.648	44.987	61.326	59.09
06/2012-01	119.07	119	64.607	66.497	61.925
06/2012-02	84.528	83.805	48.172	57.11	52.286
06/2012-03	79.837	78.6	45.766	55.078	50.074
07/2012-01	113.23	113.61	63.641	66.887	63.995
07/2012-02	76.461	75.633	44.708	53.575	46.818
07/2012-03	73.839	72.174	41.126	49.626	44.511
08/2012-01	111.23	110.22	62.533	63.955	67.35
08/2012-02	79.091	77.493	42.584	50.937	48.061
08/2012-03	70.278	69.053	37.143	44.66	42.061
09/2012-01	113.67	109.14	58.378	64.781	57.926
09/2012-02	75.491	74.495	40.671	45.854	41.989
09/2012-03	71.078	69.444	37.333	43.333	38.949
10/2012-01	123.46	122.97	56.671	64.197	56.943
10/2012-02	79.004	78.097	44.071	51.768	44.207
10/2012-03	63.98	65.174	34.074	39.555	36.09
11/2012-01	116.27	113.38	57.769	63.238	56.209
11/2012-02	85.076	83.969	41.327	47.732	45.315
11/2012-03	65.287	66.92	32.114	40.638	35.549
12/2012-01	104.81	104.63	56.343	61.541	53.418
12/2012-02	80.961	79.386	47.115	53.855	45.594
12/2012-03	65.768	63.454	31.413	41.335	34.016
01/2013-01	95.291	98.503	57.526	63.884	55.585
01/2013-02	86.25	85.707	50.815	59.651	52.455
01/2013-03	80.522	80.183	45.886	56.309	48.5
02/2013-01	93.6	97.19	61.551	67.737	59.463
02/2013-02	86.475	85.74	55.064	62.915	56
02/2013-03	84.913	84.194	51.807	60.916	53.424
03/2013-01	103.25	104.02	92.455	92.775	69.442
03/2013-02	87.259	86.313	55.701	64.954	58.328
03/2013-03	85.523	84.822	54.238	64.104	57.841
04/2013-01	113.66	113.28	88.842	92.337	70.499
04/2013-02	100.13	99.058	57.378	66.347	60.133
04/2013-03	98.465	97.14	55.707	65.499	59.39
05/2013-01	143.46	142.54	106.12	109.14	75.734
05/2013-02	122.29	121.23	62.98	72.681	58.828

05/2013-03	120.42	118.92	60.948	71.891	57.966
06/2013-01	118.22	118.11	78.513	81.685	65.662
06/2013-02	90.686	90.005	50.861	55.715	53.114
06/2013-03	87.131	85.998	47.535	53.504	51.484
07/2013-01	106.03	105.72	95.091	96.155	65.964
07/2013-02	77.988	76.648	49.059	55.56	45.08
07/2013-03	72.792	71.228	44.606	53.101	41.889
08/2013-01	124.13	125.93	103.69	104.71	91.375
08/2013-02	78.278	77.975	50.094	54.183	46.904
08/2013-03	69.901	69.108	43.16	51.067	43.207
09/2013-01	113.89	111.3	59.585	61.856	59.894
09/2013-02	74.256	74.881	47.298	49.086	41.924
09/2013-03	63.048	62.053	39.685	44.724	38.102
10/2013-01	95.001	93.326	60.119	59.817	59.853
10/2013-02	73.674	72.618	50.793	46.886	40.805
10/2013-03	60.595	59.78	40.751	42.716	35.731
11/2013-01	97.266	97.155	65.729	68.009	60.084
11/2013-02	74.954	74.828	52.514	47.199	38.457
11/2013-03	62.699	62.83	43.683	42.279	35.035
12/2013-01	101.6	109.43	64.347	61.209	59.946
12/2013-02	78.836	77.409	56.902	47.332	38.553
12/2013-03	67.826	67.191	52.168	44.149	34.232
01/2014-01	96.717	96.341	58.535	44.822	39.914
01/2014-02	79.244	78.353	50.92	41.58	34.93
01/2014-03	66.228	65.36	46.514	38.898	31.325
02/2014-01	98.935	98.015	60.594	47.126	40.473
02/2014-02	85.401	83.834	53.526	44.347	35.931
02/2014-03	80.86	78.944	51.974	42.935	34.887
03/2014-01	130.45	124.94	67.69	46.619	43.204
03/2014-02	86.068	83.224	55.279	44.096	37.771
03/2014-03	82.625	79.588	53.701	42.927	36.834
04/2014-01	140.41	136.05	82.427	62.844	46.373
04/2014-02	83.586	80.329	67.877	61.127	39.741
04/2014-03	77.072	73.839	64.977	45.931	37.394
05/2014-01	140.96	136.76	92.125	50.24	44.111
05/2014-02	77.705	77.274	55.523	44.961	38.17
05/2014-03	67.274	65.745	52.445	43.785	35.866
06/2014-01	141.49	141.2	60.015	42.441	38.129
06/2014-02	82.143	81.329	45.185	38.856	31.552
06/2014-03	57.121	55.292	40.21	36.765	26.959
07/2014-01	138.14	138.78	63.195	41.54	39.394
07/2014-02	66.659	66.315	41.562	37.963	28.569
07/2014-03	50.758	49.99	35.548	33.825	23.809
08/2014-01	117.33	117.09	90.599	42.102	41.247
08/2014-02	69.987	69.75	41.84	37.279	28.477
08/2014-03	45.348	44.709	33.161	32.534	20.75
09/2014-01	142.28	138.47	59.359	39.548	39.049
09/2014-02	63.544	62.012	37.591	35.259	26.653

09/2014-03	41.64	40.372	32.325	32.008	19.484
10/2014-01	103.37	103.65	56.693	39.157	41.558
10/2014-02	62.857	62.779	40.082	36.317	27.373
10/2014-03	36.614	35.8	30.293	31.56	17.036
11/2014-01	144.34	144.8	57.487	39.336	41.988
11/2014-02	64.881	64.141	38.299	35.408	28.254
11/2014-03	36.115	34.45	23.266	25.204	15.491
12/2014-01	101.77	101.6	58.02	39.02	39.691
12/2014-02	73.862	73.51	41.505	36.792	29.791
12/2014-03	33.091	32.815	31.452	32.057	12.608
01/2015-01	127.85	124.47	45.683	38.462	40.901
01/2015-02	76.013	75.809	38.502	36.895	30.658
01/2015-03	52.221	52.187	33.757	33.705	22.758
02/2015-01	128.18	131.41	46.247	40.922	39.489
02/2015-02	80.609	79.751	41.649	40.196	32.264
02/2015-03	67.576	66.216	39.703	39.155	28.178
03/2015-01	125.5	125.38	60.43	51.693	43.669
03/2015-02	81.113	81.401	43.555	40.998	34.604
03/2015-03	69.492	68.754	41.951	40.033	31.477
04/2015-01	157.34	157.25	61.817	54.968	49.383
04/2015-02	87.609	87.912	46.986	44.005	36.336
04/2015-03	67.915	67.154	43.948	42.213	34.368
05/2015-01	145.23	145.03	62.559	64.121	55.549
05/2015-02	103.94	103.94	45.979	41.91	34.5
05/2015-03	72.498	71.897	42.512	40.286	31.195
06/2015-01	121.57	121.33	56.352	49.8	44.86
06/2015-02	97.173	96.545	41.014	39.292	33.622
06/2015-03	49.812	49.343	38.544	37.986	28.298
07/2015-01	117.01	116.96	61.345	52.841	49.243
07/2015-02	72.298	72.906	39.23	38.902	33.493
07/2015-03	40.291	40.309	36.307	36.266	27.518
08/2015-01	241.11	248.11	61.025	54.629	52.9
08/2015-02	83.549	83.517	44.026	39.004	31.75
08/2015-03	42.091	42.09	37.191	36.824	24.994
09/2015-01	115.04	115.04	52.813	42.961	45.226
09/2015-02	64.894	66.239	38.299	37.782	30.721
09/2015-03	31.463	31.502	33.575	34.379	20.077
10/2015-01	128.21	128.21	51.756	43.127	39.638
10/2015-02	70.718	72.044	41.471	38.892	30.92
10/2015-03	37.439	37.473	33.029	34.013	13.705
11/2015-01	116.18	116.08	52.75	43.937	41.977
11/2015-02	73.022	75.874	37.775	37.954	31.461
11/2015-03	29.753	28.796	31.461	31.18	11.676
12/2015-01	125.69	129.41	50.668	44.122	39.763
12/2015-02	75.73	79.016	40.144	40.127	33.451
12/2015-03	41.118	39.749	35.58	36.885	9.9793
01/2016-01	106.25	139.85	55.95	53.764	42.305
01/2016-02	78.009	84.473	42.992	42.153	36.221

01/2016-03	60.054	62.222	39.204	40.027	25.966
02/2016-01	114.04	151.14	63.173	60.714	41.47
02/2016-02	80.65	84.525	44.856	45.423	38.397
02/2016-03	69.204	72.495	43.396	44.158	34.924
03/2016-01	196.04	211.29	92.108	62.801	61.223
03/2016-02	83.409	89.88	46.354	44.899	37.554
03/2016-03	71.577	75.4	44.466	43.681	36.113
04/2016-01	162.34	236.07	80.049	61.264	57.178
04/2016-02	91.183	103.36	45.063	47.319	38.72
04/2016-03	71.09	75.71	41.931	44.732	36.605
05/2016-01	120.79	164.33	102.34	66.466	62.95
05/2016-02	89.057	119.73	44.79	46.937	38.738
05/2016-03	63.853	79.988	43.131	42.89	35.856
06/2016-01	118.95	120.78	67.959	58.544	59.76
06/2016-02	91.738	108.01	42.38	40.639	34.704
06/2016-03	55.917	55.892	38.59	38.648	30.969
07/2016-01	118.16	145.97	93.546	60.589	61.687
07/2016-02	71.386	74.588	41.92	39.931	34.107
07/2016-03	43.685	43.414	37.855	37.735	29.784
08/2016-01	120.85	324.77	101.64	63.89	63.17
08/2016-02	75.022	91.538	40.98	41.927	33.087
08/2016-03	49.97	46.611	36.209	37.22	27.242
09/2016-01	115.63	268.07	61.808	58.417	58.504
09/2016-02	64.43	69.73	40.147	37.207	32.058
09/2016-03	40.893	40.349	35.096	35.312	21.912
10/2016-01	137.46	114.24	59.453	57.798	55.184
10/2016-02	65.546	76.424	40.087	42.065	33.467
10/2016-03	47.399	41.538	33.575	34.212	23.775
11/2016-01	168.23	114.51	60.186	63.654	54.326
11/2016-02	70.907	68.616	38.598	39.759	32.445
11/2016-03	36.445	36.425	32.415	32.217	14.377
12/2016-01	127.84	115.19	58.728	57.208	49.844
12/2016-02	71.35	71.494	38.019	42.098	34.603
12/2016-03	48.975	44.216	33.07	39.643	15.079