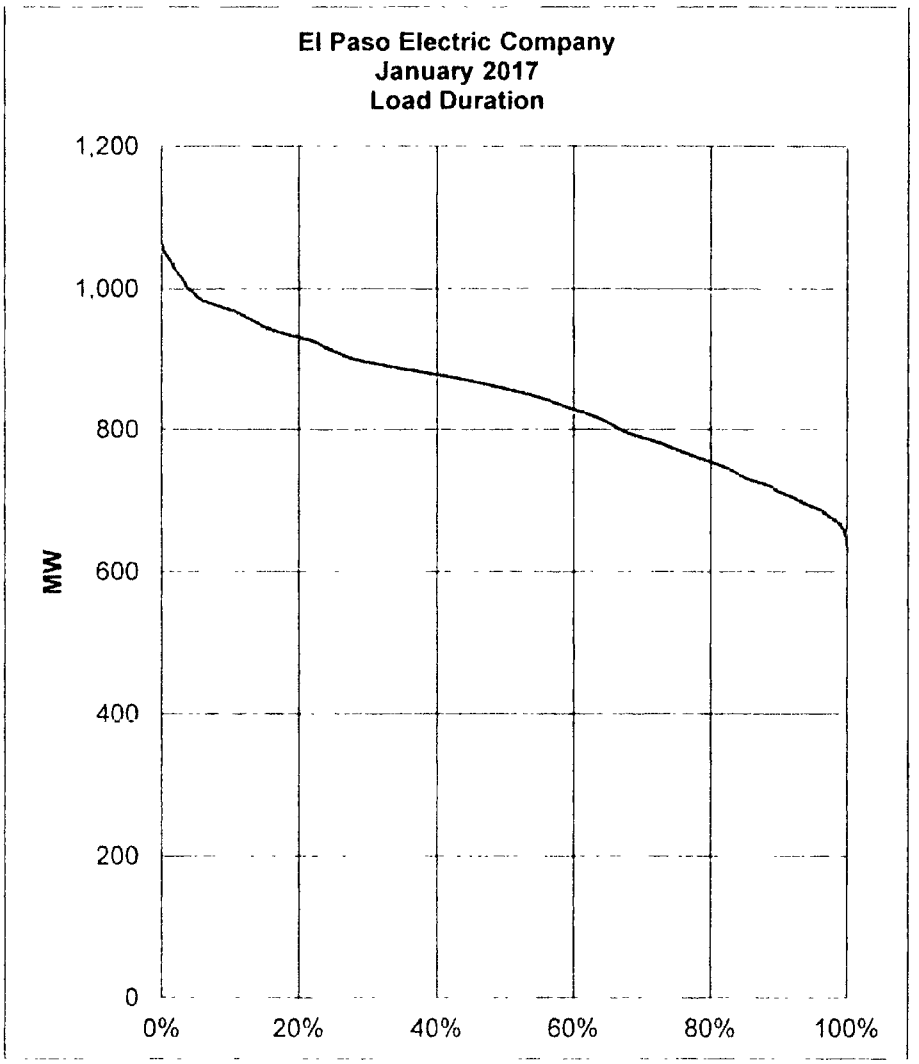
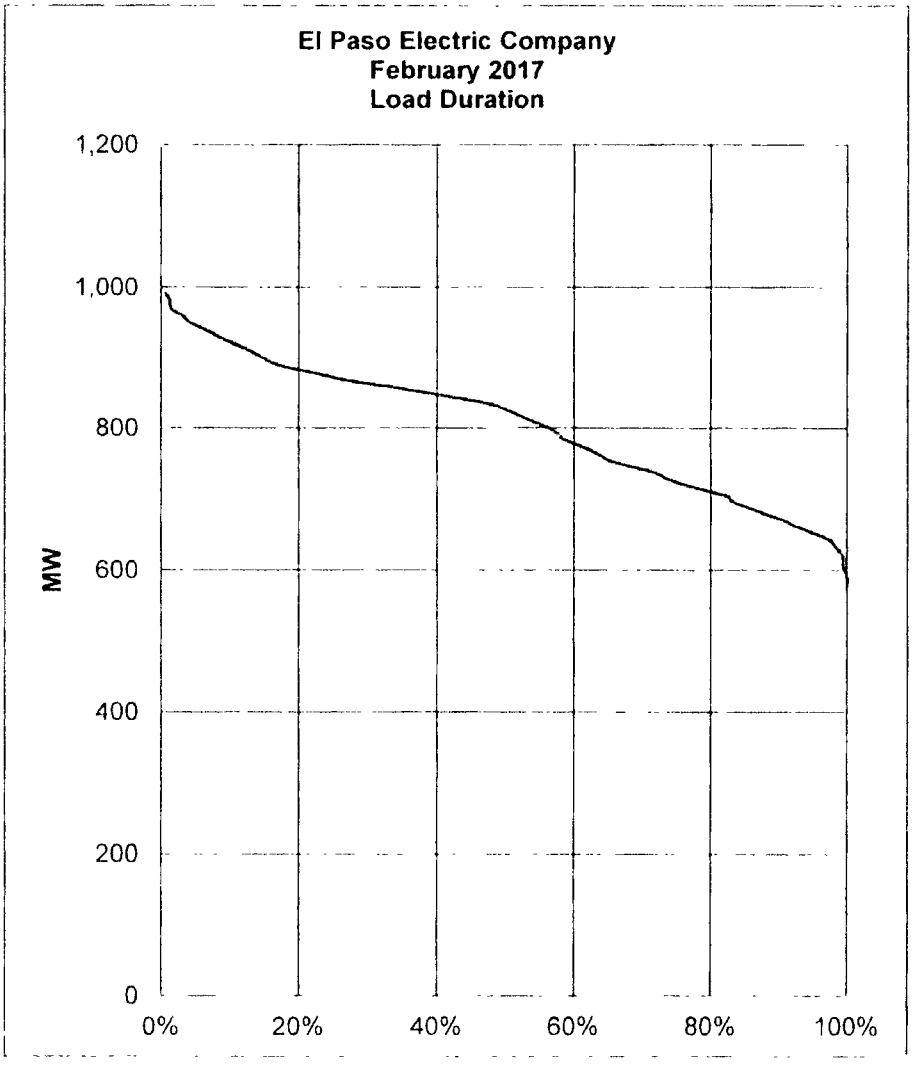
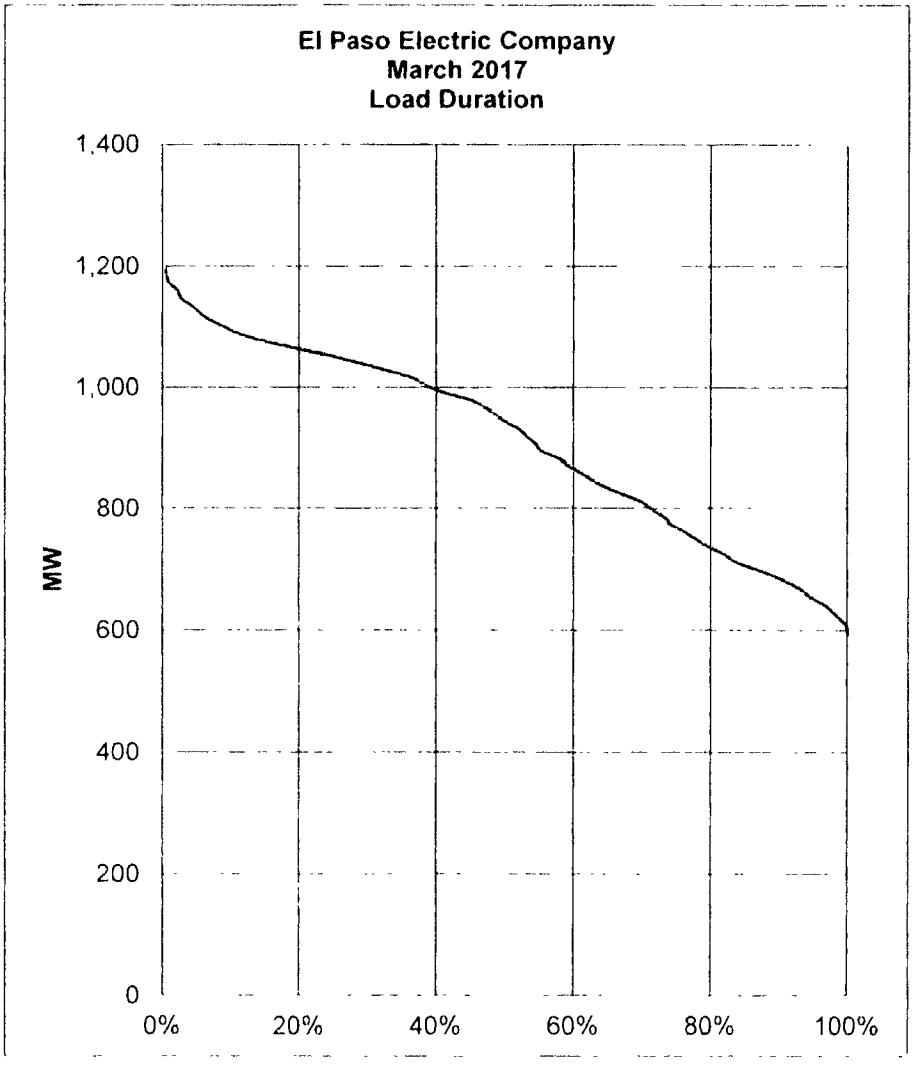

El Paso Electric Company
January 2017
Load Duration
MW
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

(a)	(b)	(c)	(d)	(e)	(f)	(g)
February-2017						
Total MWH =	534,933	Max =	991	Interval =	8 2	
Hours =	672	Min =	582	Load Fact =	80 33%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
991	4	3,964		3,964	0.74%	0.60%
983	4	3,931		7,895	1.47%	1.19%
975	0	0		7,895	1 47%	1.19%
966	3	2,899		10,794	2 01%	1.64%
958	10	9,582		20,376	3 79%	3.13%
950	5	4,750		25,126	4 67%	3.87%
942	12	11,302		36,428	6 77%	5 65%
934	12	11,203		47,631	8.86%	7.44%
925	10	9,254		56,885	10 58%	8.93%
917	14	12,841		69,726	12 96%	11 01%
909	13	11,817		81,543	15 16%	12 95%
901	11	9,909		91,452	17 00%	14 58%
893	11	9,819		101,270	18.83%	16 22%
884	20	17,688		118,958	22 12%	19 20%
876	28	24,534		143,492	26.68%	23 36%
868	25	21,700		165,192	30 72%	27 08%
860	37	31,813		197,005	36 63%	32 59%
852	35	29,806		226,811	42 17%	37 80%
843	34	28,676		255,486	47 51%	42 86%
835	31	25,891		281,377	52.32%	47 47%
827	17	14,059		295,436	54.93%	50 00%
819	13	10,644		306,081	56 91%	51.93%
811	13	10,538		316,619	58 87%	53 87%
802	14	11,234		327,852	60 96%	55.95%
794	10	7,942		335,794	62.44%	57.44%
786	5	3,930		339,724	63 17%	58 18%
778	13	10,111		349,836	65 05%	60 12%
770	14	10,774		360,610	67 05%	62 20%
761	11	8,375		368,985	68.61%	63 84%
753	11	8,285		377,271	70 15%	65.48%
745	22	16,390		393,661	73.20%	68 75%
737	22	16,210		409,870	76 21%	72 02%
729	10	7,286		417,156	77 57%	73 51%
720	17	12,247		429,403	79 84%	76 04%
712	21	14,956		444,359	82 62%	79 17%
704	21	14,784		459,143	85.37%	82 29%
696	6	4,175		463,318	86.15%	83 18%
688	16	11,002		474,320	88.20%	85 57%
679	15	10,191		484,511	90.09%	87.80%
671	18	12,082		496,592	92 34%	90.48%
663	13	8,619		505,211	93 94%	92.41%
655	14	9,167		514,378	95 64%	94.49%
647	15	9,699		524,077	97 45%	96 73%
638	8	5,107		529,185	98 40%	97 92%
630	4	2,521		531,705	98 87%	98.51%
622	5	3,110		534,815	99 44%	99 26%
614	1	614		535,429	99.56%	99 40%
606	0	0		535,429	99 56%	99 40%
597	2	1,195		536,624	99 78%	99 70%
589	2	1,178		537,802	100 00%	100 00%
581	0	0		537,802	100 00%	100.00%
Total	672	537,802				


El Paso Electric Company
February 2017
Load Duration
MW
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

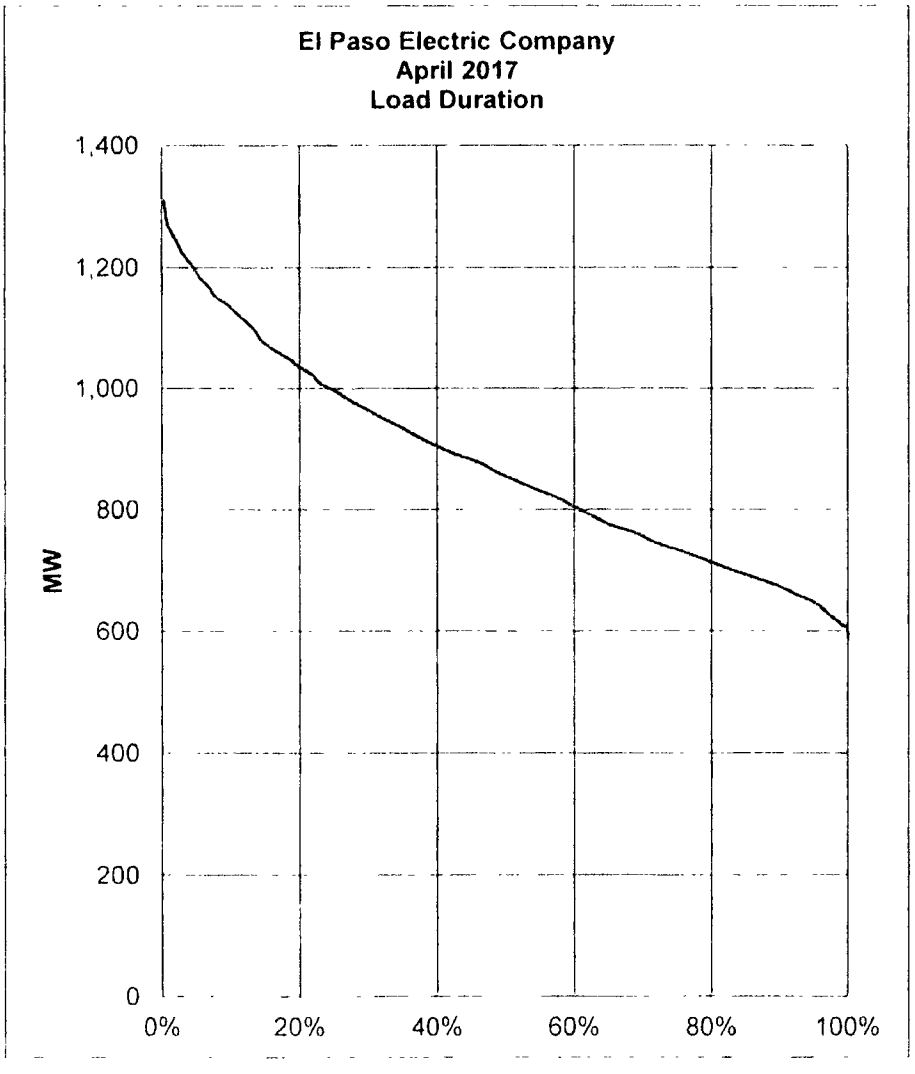
EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12.6b. MONTHLY LOAD DURATION
SPONSOR: GEORGE NOVELA
PREPARER ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
March-2017						
Total MWH =	603,801	Max =	1,197	Interval =	12.1	
Hours =	744	Min =	593	Load Fact =	67 80%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,197	3	3,591		3,591	0.53%	0 40%
1,185	1	1,185		4,776	0.71%	0.54%
1,173	3	3,518		8,294	1.23%	0 94%
1,161	9	10,446		18,741	2 78%	2 15%
1,149	3	3,446		22,186	3.29%	2 55%
1,137	11	12,502		34,688	5.14%	4 03%
1,124	10	11,244		45,932	6 81%	5 38%
1,112	10	11,123		57,055	8 46%	6 72%
1,100	16	17,603		74,658	11 07%	8 87%
1,088	16	17,410		92,068	13.65%	11.02%
1,076	27	29,052		121,120	17 96%	14 65%
1,064	36	38,300		159,420	23 64%	19 49%
1,052	39	41,020		200,440	29 73%	24.73%
1,040	33	34,310		234,750	34.81%	29 17%
1,028	29	29,800		264,551	39.23%	33 06%
1,016	27	27,419		291,969	43.30%	36.69%
1,003	13	13,044		305,014	45 24%	38 44%
991	21	20,817		325,831	48 32%	41 26%
979	28	27,418		353,248	52 39%	45 03%
967	15	14,507		367,755	54.54%	47 04%
955	12	11,460		379,215	56.24%	48 66%
943	10	9,429		388,644	57.64%	50 00%
931	15	13,962		402,606	59 71%	52 02%
919	8	7,350		409,956	60 80%	53 09%
907	10	9,066		419,022	62 14%	54 44%
895	6	5,367		424,389	62.94%	55 24%
882	20	17,648		442,037	65 56%	57.93%
870	9	7,833		449,869	66.72%	59 14%
858	15	12,873		462,742	68.63%	61 16%
846	12	10,153		472,895	70.13%	62.77%
834	15	12,510		485,405	71 99%	64.78%
822	20	16,438		501,843	74 43%	67 47%
810	19	15,386		517,230	76 71%	70 03%
798	11	8,775		526,004	78 01%	71 51%
786	13	10,213		536,217	79 52%	73 25%
774	8	6,188		542,405	80 44%	74 33%
761	15	11,421		553,826	82 14%	76.34%
749	12	8,992		562,818	83 47%	77 96%
737	13	9,584		572,401	84 89%	79 70%
725	17	12,327		584,728	86 72%	81 99%
713	12	8,556		593,284	87 99%	83.60%
701	22	15,420		608,704	90.27%	86.56%
689	21	14,465		623,169	92 42%	89 38%
677	17	11,504		634,673	94 13%	91.67%
665	14	9,304		643,977	95 51%	93.55%
653	9	5,873		649,849	96 38%	94.76%
640	15	9,606		659,455	97 80%	96 77%
628	9	5,655		665,110	98.64%	97 98%
616	9	5,546		670,656	99 46%	99.19%
604	6	3,625		674,281	100 00%	100.00%
592	0	0		674,281	100 00%	100 00%
Total	744	674,281				


El Paso Electric Company
March 2017
Load Duration
MW
1,400
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

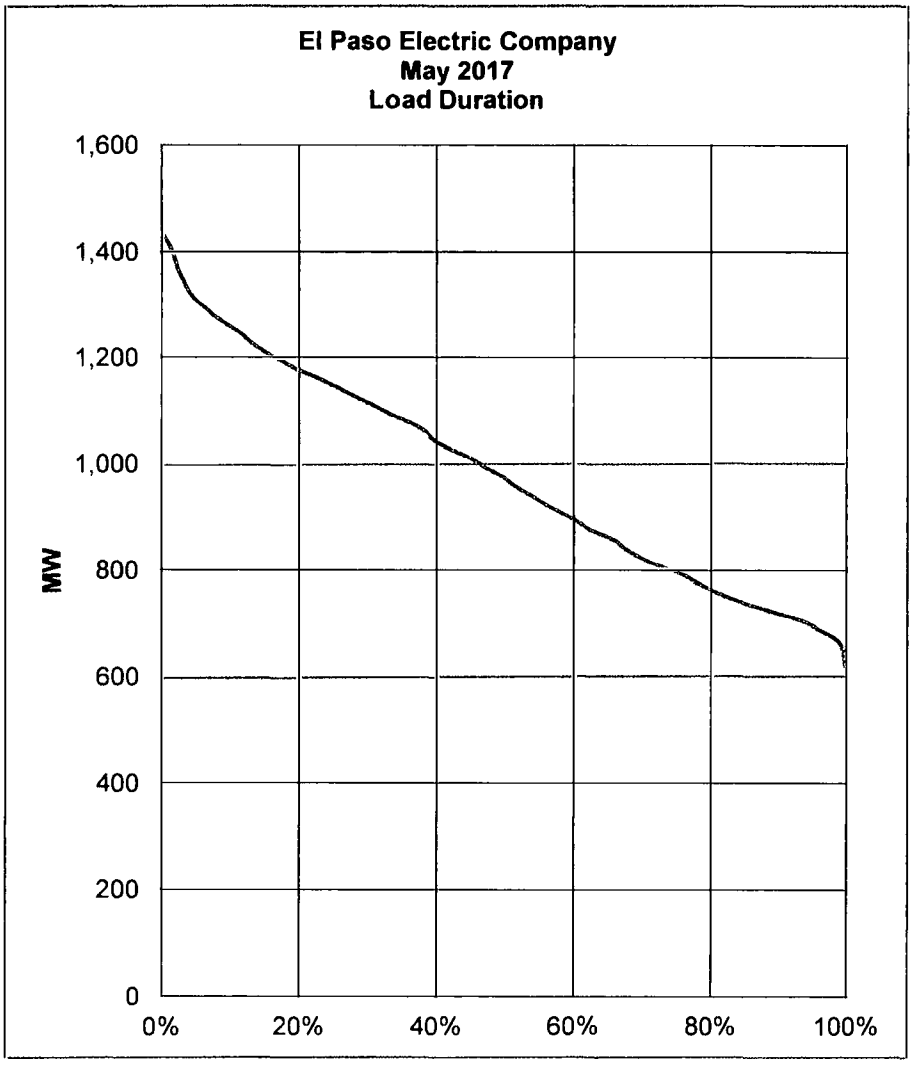
EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12.6b MONTHLY LOAD DURATION
SPONSOR. GEORGE NOVELA
PREPARER ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
April-2017						
Total MWH =	621,452	Max =	1,313	Interval =	14 5	
Hours =	720	Min =	588	Load Fact =	65 74%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,313	2	2,626		2,626	0 42%	0 28%
1,299	1	1,299		3,925	0 63%	0 42%
1,284	1	1,284		5,209	0 83%	0 56%
1,270	2	2,539		7,748	1 24%	0.83%
1,255	5	6,275		14,023	2.24%	1 53%
1,241	5	6,203		20,225	3 23%	2 22%
1,226	4	4,904		25,129	4 01%	2.78%
1,212	7	8,481		33,610	5 37%	3 75%
1,197	7	8,379		41,989	6 70%	4 72%
1,183	6	7,095		49,084	7 84%	5.56%
1,168	9	10,512		59,596	9 51%	6 81%
1,154	6	6,921		66,517	10 62%	7 64%
1,139	13	14,807		81,324	12 98%	9 44%
1,125	9	10,121		91,444	14.60%	10 69%
1,110	10	11,100		102,544	16 37%	12 08%
1,096	10	10,955		113,499	18 12%	13 47%
1,081	6	6,486		119,985	19.16%	14 31%
1,067	11	11,732		131,717	21 03%	15.83%
1,052	16	16,832		148,549	23 72%	18.06%
1,038	12	12,450		160,999	25 70%	19.72%
1,023	15	15,345		176,344	28 15%	21.81%
1,009	9	9,077		185,420	29 60%	23.06%
994	18	17,892		203,312	32 46%	25.56%
980	13	12,734		216,046	34 49%	27.36%
965	18	17,370		233,416	37 27%	29 86%
951	16	15,208		248,624	39 69%	32 08%
936	19	17,784		266,408	42 53%	34 72%
922	16	14,744		281,152	44 89%	36 94%
907	18	16,326		297,478	47 49%	39 44%
893	22	19,635		317,113	50 63%	42 50%
878	26	22,828		339,941	54 27%	46 11%
864	16	13,816		353,757	56 48%	48 33%
849	21	17,829		371,586	59 33%	51 25%
835	21	17,525		389,110	62 12%	54 17%
820	24	19,680		408,790	65 27%	57 50%
806	16	12,888		421,678	67.32%	59 72%
791	20	15,820		437,498	69 85%	62 50%
777	19	14,754		452,252	72 20%	65 14%
762	28	21,336		473,588	75 61%	69 03%
748	18	13,455		487,043	77 76%	71 53%
733	28	20,524		507,567	81 04%	75 42%
719	25	17,963		525,529	83 90%	78 89%
704	24	16,896		542,425	86 60%	82 22%
690	27	18,617		561,042	89 57%	85 97%
675	26	17,550		578,592	92 38%	89 58%
661	20	13,210		591,802	94 48%	92 36%
646	22	14,212		606,014	96 75%	95.42%
632	10	6,315		612,329	97.76%	96 81%
617	12	7,404		619,733	98 94%	98 47%
603	10	6,025		625,758	99.91%	99 86%
588	1	588		626,346	100 00%	100.00%
Total	720	626,346				

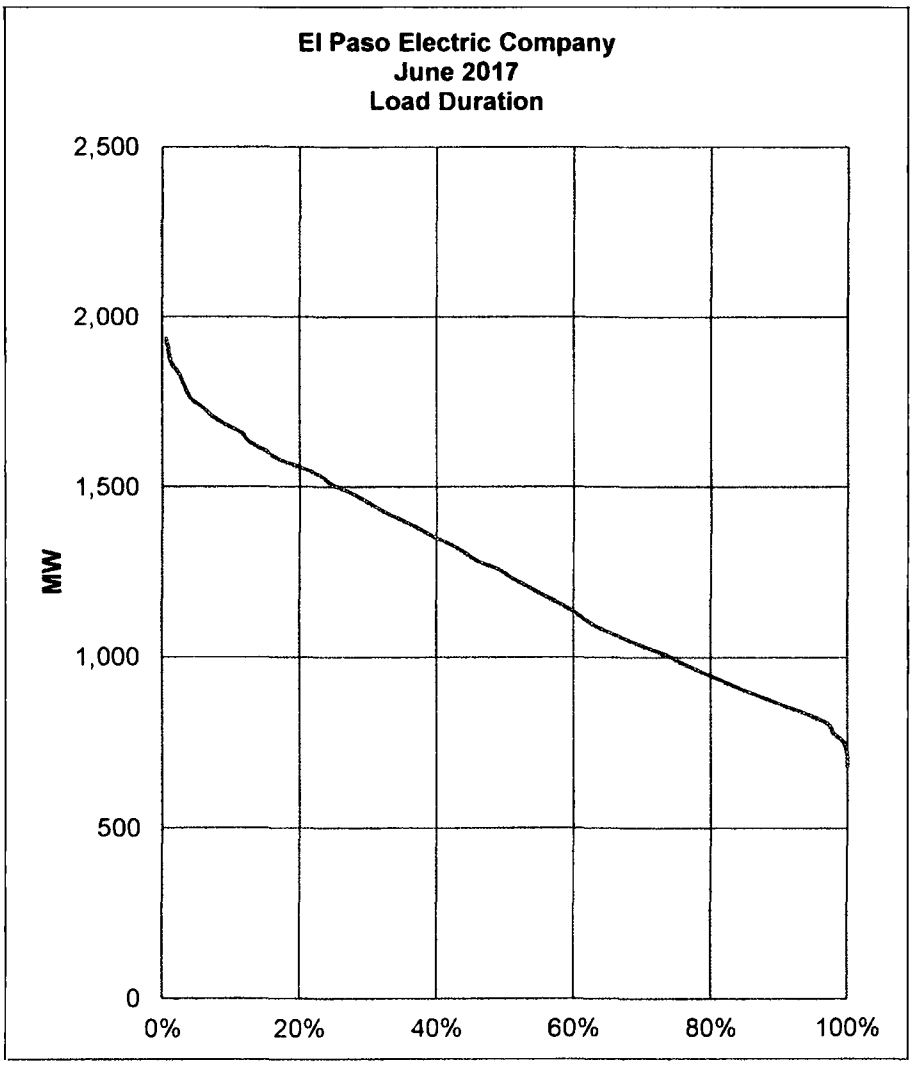

El Paso Electric Company
April 2017
Load Duration
MW
1,400
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12.6b MONTHLY LOAD DURATION
SPONSOR GEORGE NOVELA
PREPARER ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
May-2017						
Total MWH =	715,991	Max =	1,432	Interval =	16 9	
Hours =	744	Min =	589	Load Fact =	67 20%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,432	2	2,864		2,864	0.40%	0 27%
1,415	6	8,491		11,355	1.57%	1 08%
1,398	4	5,593		16,947	2.35%	1.61%
1,381	3	4,144		21,091	2.92%	2.02%
1,364	3	4,093		25,185	3.49%	2.42%
1,348	5	6,738		31,922	4.42%	3 09%
1,331	5	6,653		38,575	5 34%	3.76%
1,314	7	9,196		47,771	6 61%	4 70%
1,297	12	15,562		63,333	8 77%	6 32%
1,280	10	12,799		76,132	10.54%	7 66%
1,263	14	17,682		93,814	12.99%	9 54%
1,246	14	17,445		111,259	15 40%	11 42%
1,229	11	13,521		124,780	17 28%	12.90%
1,212	14	16,972		141,752	19 63%	14 78%
1,195	19	22,713		164,465	22.77%	17 34%
1,179	17	20,035		184,499	25 54%	19 62%
1,162	24	27,878		212,378	29 40%	22 85%
1,145	20	22,894		235,272	32.57%	25.54%
1,128	19	21,428		256,700	35 54%	28.09%
1,111	20	22,218		278,918	38 62%	30 78%
1,094	19	20,786		299,704	41 49%	33 33%
1,077	22	23,696		323,400	44 78%	36 29%
1,060	16	16,963		340,363	47 12%	38 44%
1,043	10	10,433		350,796	48 57%	39.78%
1,026	18	18,475		369,272	51 13%	42 20%
1,010	21	21,200		390,471	54 06%	45 03%
993	16	15,882		406,353	56.26%	47.18%
976	18	17,563		423,915	58 69%	49.60%
959	13	12,464		436,380	60.42%	51.34%
942	16	15,070		451,450	62.50%	53 49%
925	16	14,800		466,250	64 55%	55 65%
908	18	16,346		482,596	66 82%	58.06%
891	18	16,042		498,637	69 04%	60 48%
874	16	13,989		512,626	70.97%	62 63%
857	24	20,578		533,204	73 82%	65 86%
840	12	10,086		543,290	75 22%	67 47%
824	17	14,001		557,291	77 16%	69.76%
807	21	16,941		574,232	79.50%	72 58%
790	28	22,114		596,346	82.57%	76 34%
773	15	11,594		607,940	84 17%	78.36%
756	21	15,876		623,816	86 37%	81.18%
739	26	19,217		643,032	89 03%	84.68%
722	32	23,110		666,143	92 23%	88 98%
705	35	24,685		690,828	95.65%	93 68%
688	17	11,703		702,531	97 27%	95 97%
671	18	12,087		714,618	98 94%	98 39%
655	7	4,582		719,200	99 57%	99 33%
638	1	638		719,838	99 66%	99 46%
621	1	621		720,459	99 75%	99 60%
604	3	1,812		722,270	100 00%	100 00%
587	0	0		722,270	100 00%	100 00%
Total	744	722,270				

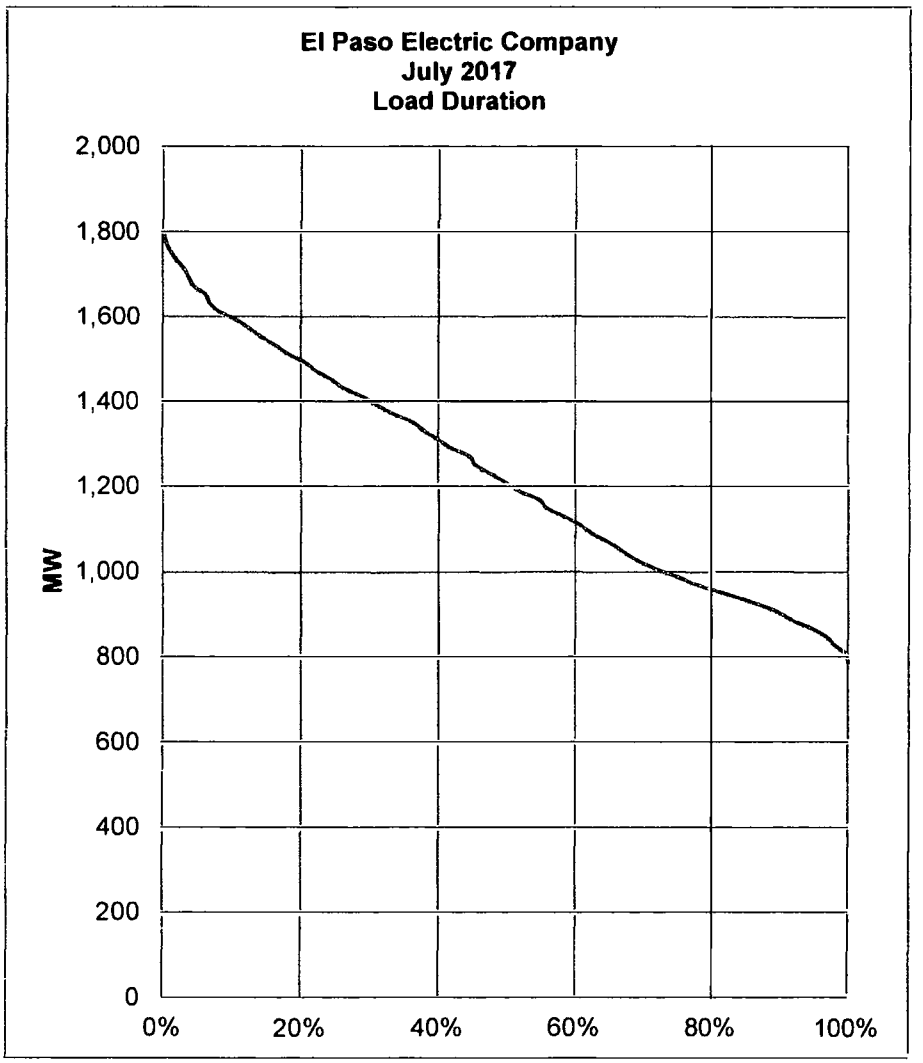

El Paso Electric Company
May 2017
Load Duration
MW
1,600
1,400
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

(a)	(b)	(c)	(d)	(e)	(f)	(g)
June-2017						
Total MWH =	886,595	Max =	1,935	Interval =	25 1	
Hours =	720	Min =	682	Load Fact =	63 64%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,935	4	7,740		7,740	0 86%	0.56%
1,910	2	3,820		11,560	1 29%	0 83%
1,885	1	1,885		13,445	1 50%	0 97%
1,860	3	5,579		19,024	2 12%	1 39%
1,835	7	12,842		31,866	3 56%	2.36%
1,810	4	7,238		39,104	4 37%	2.92%
1,784	4	7,138		46,242	5.16%	3 47%
1,759	5	8,797		55,038	6 14%	4.17%
1,734	12	20,810		75,848	8 47%	5 83%
1,709	10	17,091		92,939	10 38%	7 22%
1,684	14	23,576		116,515	13.01%	9 17%
1,659	17	28,201		144,717	16.16%	11 53%
1,634	7	11,437		156,153	17.43%	12 50%
1,609	17	27,348		183,501	20.49%	14 86%
1,584	14	22,170		205,672	22 96%	16 81%
1,559	23	35,846		241,517	26.96%	20 00%
1,533	22	33,735		275,252	30 73%	23 06%
1,508	12	18,100		293,352	32 75%	24.72%
1,483	20	29,664		323,016	36 06%	27 50%
1,458	16	23,330		346,345	38 67%	29.72%
1,433	15	21,495		367,840	41 07%	31 81%
1,408	18	25,342		393,182	43 90%	34.31%
1,383	19	26,273		419,456	46 83%	36 94%
1,358	16	21,723		441,179	49 25%	39 17%
1,333	20	26,652		467,831	52.23%	41 94%
1,308	16	20,920		488,751	54 57%	44 17%
1,282	13	16,671		505,422	56 43%	45 97%
1,257	22	27,661		533,083	59 51%	49 03%
1,232	14	17,251		550,333	61 44%	50 97%
1,207	17	20,521		570,854	63.73%	53 33%
1,182	16	18,912		589,766	65 84%	55 56%
1,157	18	20,824		610,590	68 17%	58 06%
1,132	15	16,977		627,567	70 06%	60.14%
1,107	13	14,387		641,954	71 67%	61 94%
1,082	16	17,306		659,260	73.60%	64.17%
1,057	22	23,243		682,503	76 20%	67.22%
1,031	22	22,691		705,194	78 73%	70 28%
1,006	24	24,151		729,345	81 43%	73 61%
981	17	16,680		746,025	83 29%	75 97%
956	20	19,122		765,147	85 42%	78 75%
931	22	20,482		785,629	87 71%	81 81%
906	20	18,118		803,747	89 73%	84.58%
881	24	21,139		824,887	92 09%	87 92%
856	23	19,681		844,568	94 29%	91 11%
831	25	20,765		865,333	96 61%	94 58%
806	19	15,305		880,637	98 32%	97 22%
780	5	3,902		884,539	98 75%	97 92%
755	10	7,553		892,092	99 60%	99 31%
730	4	2,921		895,013	99 92%	99.86%
705	1	705		895,718	100.00%	100.00%
680	0	0		895,718	100.00%	100.00%
Total	720	895,718				


El Paso Electric Company
June 2017
Load Duration
MW
2,500
2,000
1,500
1,000
500
0
0%
20%
40%
60%
80%
100%

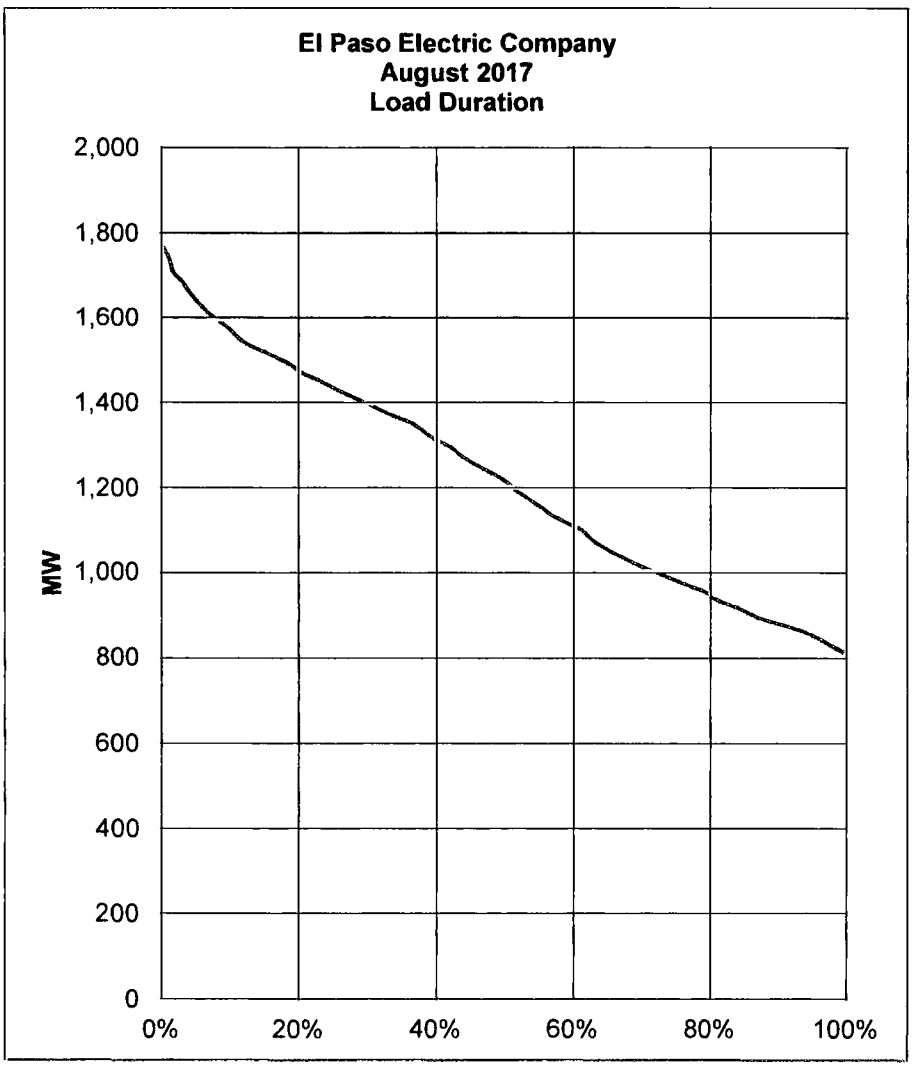
EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12 6b MONTHLY LOAD DURATION
SPONSOR GEORGE NOVELA
PREPARER. ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
July-2017						
Total MWH =	899,008	Max =	1,792	Interval =	20 1	
Hours =	744	Min =	785	Load Fact =	67.43%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,792	2	3,584		3,584	0 40%	0 27%
1,772	2	3,544		7,128	0 79%	0 54%
1,752	5	8,759		15,887	1.75%	1 21%
1,732	6	10,390		26,277	2 90%	2.02%
1,712	8	13,693		39,970	4 41%	3 09%
1,692	5	8,458		48,427	5 34%	3 76%
1,671	5	8,357		56,784	6.26%	4 44%
1,651	13	21,467		78,251	8 63%	6.18%
1,631	4	6,525		84,776	9 35%	6 72%
1,611	10	16,111		100,887	11.13%	8 06%
1,591	18	28,638		129,525	14.29%	10 48%
1,571	14	21,993		151,518	16 71%	12.37%
1,551	13	20,160		171,678	18 94%	14.11%
1,531	17	26,022		197,700	21 81%	16 40%
1,511	13	19,638		217,338	23 97%	18 15%
1,491	18	26,829		244,167	26 93%	20 56%
1,470	12	17,645		261,812	28 88%	22 18%
1,450	17	24,655		286,467	31 60%	24 46%
1,430	13	18,593		305,059	33.65%	26 21%
1,410	20	28,202		333,261	36 76%	28 90%
1,390	16	22,240		355,501	39 22%	31 05%
1,370	17	23,288		378,790	41 78%	33 33%
1,350	22	29,696		408,485	45 06%	36 29%
1,330	12	15,956		424,442	46.82%	37.90%
1,310	15	19,644		444,086	48 99%	39.92%
1,290	14	18,053		462,139	50 98%	41.80%
1,269	21	26,657		488,796	53 92%	44.62%
1,249	6	7,496		496,292	54 75%	45.43%
1,229	17	20,896		517,188	57.05%	47 72%
1,209	15	18,137		535,325	59 05%	49.73%
1,189	15	17,835		553,160	61 02%	51 75%
1,169	22	25,716		578,875	63 86%	54 70%
1,149	8	9,190		588,066	64.87%	55 78%
1,129	19	21,445		609,511	67 24%	58 33%
1,109	18	19,955		629,466	69 44%	60 75%
1,089	14	15,239		644,705	71 12%	62.63%
1,068	18	19,231		663,936	73 24%	65.05%
1,048	14	14,676		678,612	74 86%	66 94%
1,028	15	15,423		694,035	76 56%	68 95%
1,008	20	20,162		714,197	78 78%	71 64%
988	25	24,700		738,897	81 51%	75 00%
968	24	23,230		762,127	84 07%	78 23%
948	29	27,486		789,613	87 10%	82 12%
928	29	26,903		816,516	90 07%	86 02%
908	25	22,690		839,206	92 57%	89 38%
888	17	15,088		854,294	94.24%	91 67%
867	23	19,950		874,244	96 44%	94 76%
847	16	13,557		887,801	97.93%	96 91%
827	10	8,272		896,073	98 85%	98 25%
807	11	8,878		904,951	99 83%	99 73%
787	2	1,574		906,525	100 00%	100 00%
Total	744	906,525				


El Paso Electric Company
July 2017
Load Duration
MW
2,000
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

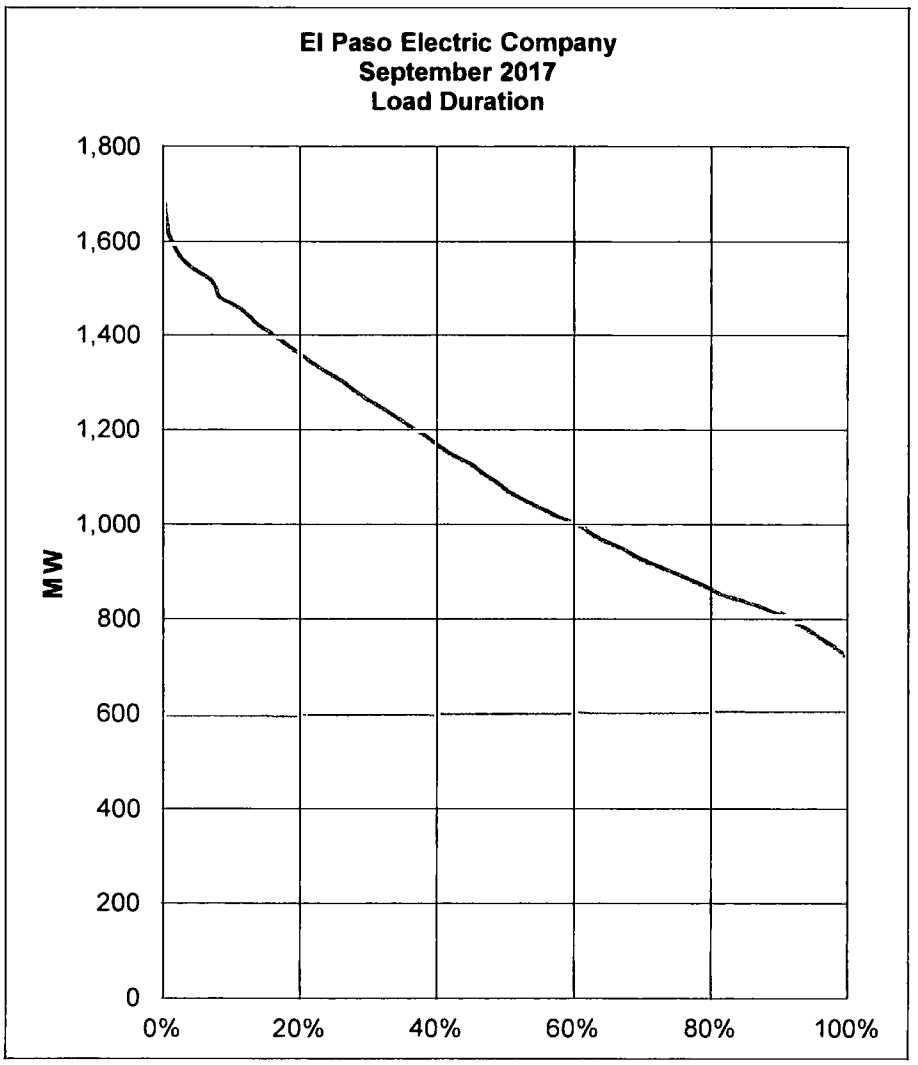
EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12.6b MONTHLY LOAD DURATION
SPONSOR GEORGE NOVELA
PREPARER ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
August-2017						
Total MWH =	892,223	Max =	1,773	Interval =	20	
Hours =	744	Min =	771	Load Fact =	67 64%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,773	2	3,546		3,546	0 39%	0 27%
1,753	5	8,765		12,311	1.37%	0.94%
1,733	3	5,199		17,510	1.95%	1 34%
1,713	3	5,139		22,649	2.52%	1 75%
1,693	9	15,237		37,886	4.21%	2 96%
1,673	6	10,038		47,924	5.33%	3.76%
1,653	7	11,571		59,495	6 62%	4 70%
1,633	8	13,064		72,559	8 07%	5.78%
1,613	9	14,517		87,076	9 68%	6 99%
1,593	12	19,116		106,192	11 81%	8 60%
1,573	11	17,303		123,495	13.73%	10 08%
1,553	9	13,977		137,472	15.29%	11 29%
1,533	15	22,995		160,467	17 85%	13 31%
1,513	23	34,799		195,266	21 72%	16 40%
1,493	18	26,874		222,140	24 71%	18.82%
1,473	12	17,676		239,816	26.67%	20.43%
1,453	21	30,513		270,329	30 06%	23.25%
1,433	18	25,794		296,123	32 93%	25 67%
1,413	20	28,260		324,383	36 08%	28.36%
1,393	17	23,681		348,064	38.71%	30.65%
1,373	19	26,087		374,151	41 61%	33.20%
1,353	23	31,119		405,270	45 07%	36 29%
1,333	13	17,329		422,599	47 00%	38 04%
1,313	14	18,382		440,981	49.04%	39 92%
1,293	17	21,981		462,962	51 49%	42 20%
1,273	11	14,003		476,965	53 05%	43 68%
1,253	16	20,048		497,013	55 28%	45.83%
1,233	17	20,961		517,974	57.61%	48 12%
1,213	15	18,195		536,169	59 63%	50 13%
1,193	9	10,737		546,906	60 82%	51 34%
1,173	14	16,422		563,328	62 65%	53.23%
1,153	14	16,142		579,470	64.45%	55 11%
1,133	12	13,596		593,066	65 96%	56 72%
1,113	18	20,034		613,100	68.19%	59 14%
1,093	17	18,581		631,681	70.25%	61.42%
1,073	10	10,730		642,411	71 45%	62 77%
1,053	15	15,795		658,206	73 20%	64.78%
1,033	18	18,594		676,800	75 27%	67 20%
1,013	19	19,247		696,047	77 41%	69.76%
993	21	20,853		716,900	79.73%	72 58%
973	22	21,406		738,306	82 11%	75 54%
953	24	22,872		761,178	84 66%	78.76%
933	19	17,727		778,905	86 63%	81 32%
913	25	22,825		801,730	89.17%	84.68%
893	20	17,860		819,590	91 15%	87.37%
873	32	27,936		847,526	94.26%	91 67%
853	25	21,325		868,851	96 63%	95.03%
833	17	14,161		883,012	98 20%	97 31%
813	16	13,008		896,020	99.65%	99.46%
793	2	1,586		897,606	99 83%	99.73%
773	2	1,546		899,152	100 00%	100 00%
Total	744	899,152				

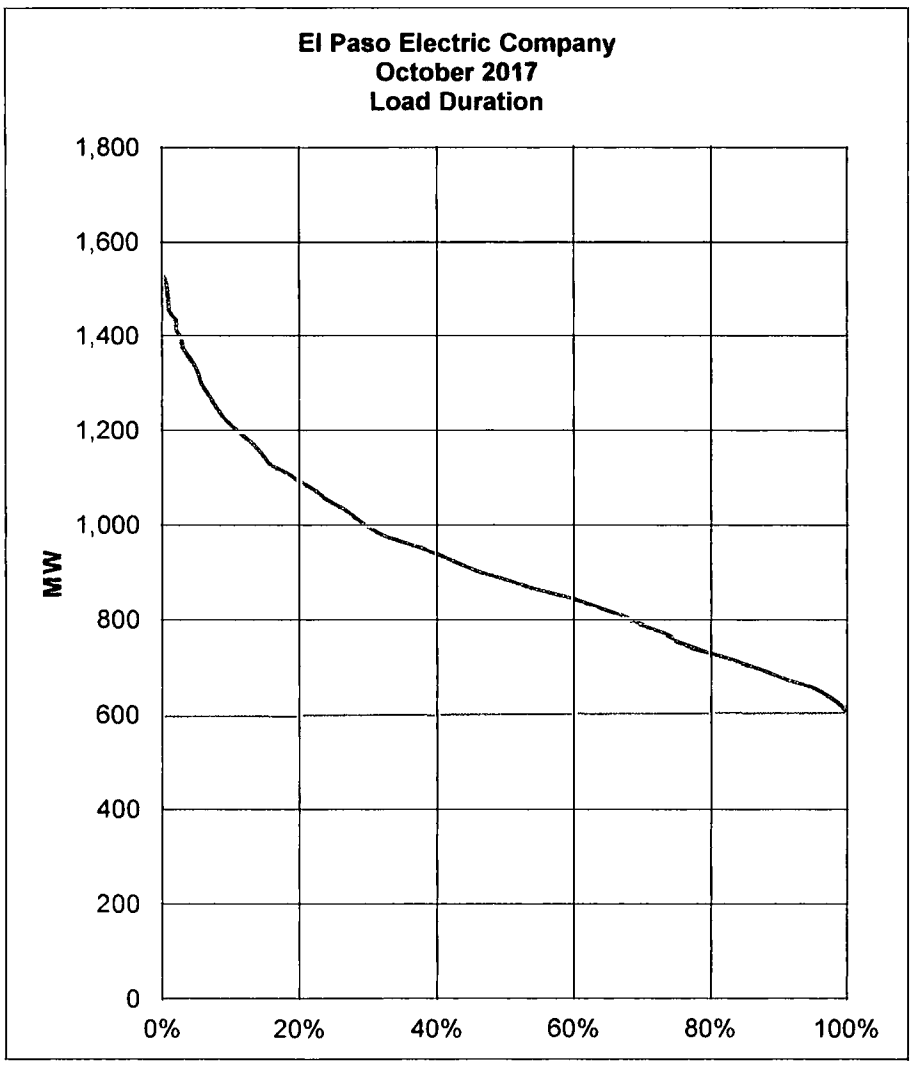

El Paso Electric Company
August 2017
Load Duration
MW
2,000
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12.6b: MONTHLY LOAD DURATION
SPONSOR GEORGE NOVELA
PREPARER· ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
September-2017						
Total MWH =	785,283	Max =	1,685	Interval =	19 9	
Hours =	720	Min =	690	Load Fact =	64 73%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,685	1	1,685		1,685	0 21%	0 14%
1,665	1	1,665		3,350	0 42%	0 28%
1,645	2	3,290		6,641	0.84%	0 56%
1,625	1	1,625		8,266	1 04%	0 69%
1,605	4	6,422		14,687	1 85%	1 25%
1,586	5	7,928		22,615	2 85%	1 94%
1,566	7	10,959		33,574	4.24%	2 92%
1,546	11	17,003		50,577	6 38%	4 44%
1,526	16	24,413		74,990	9.46%	6 67%
1,506	7	10,541		85,531	10 79%	7.64%
1,486	4	5,944		91,475	11 54%	8 19%
1,466	18	26,390		117,865	14 87%	10 69%
1,446	12	17,354		135,219	17 06%	12 36%
1,426	10	14,263		149,482	18 86%	13 75%
1,406	15	21,096		170,578	21 52%	15 83%
1,387	13	18,025		188,603	23 79%	17 64%
1,367	14	19,132		207,735	26 21%	19 58%
1,347	13	17,507		225,242	28.41%	21 39%
1,327	15	19,902		245,144	30.93%	23 47%
1,307	18	23,524		268,668	33 89%	25 97%
1,287	13	16,731		285,399	36 00%	27 78%
1,267	14	17,739		303,139	38 24%	29 72%
1,247	17	21,202		324,341	40.92%	32 08%
1,227	15	18,410		342,751	43 24%	34 17%
1,207	14	16,904		359,654	45.37%	36 11%
1,188	15	17,813		377,467	47 62%	38 19%
1,168	14	16,346		393,813	49 68%	40.14%
1,148	14	16,068		409,881	51 71%	42 08%
1,128	20	22,556		432,437	54.55%	44 86%
1,108	13	14,403		446,840	56 37%	46 67%
1,088	15	16,320		463,160	58 43%	48 75%
1,068	12	12,817		475,977	60 05%	50 42%
1,048	18	18,868		494,844	62 43%	52 92%
1,028	20	20,566		515,410	65 02%	55 69%
1,008	20	20,168		535,578	67 56%	58 47%
988	22	21,747		557,325	70 31%	61 53%
969	17	16,466		573,792	72 39%	63 89%
949	23	21,820		595,612	75 14%	67 08%
929	17	15,790		611,401	77 13%	69 44%
909	23	20,905		632,306	79 77%	72 64%
889	24	21,336		653,642	82 46%	75 97%
869	22	19,120		672,762	84.87%	79 03%
849	20	16,984		689,746	87 01%	81 81%
829	34	28,196		717,942	90 57%	86 53%
809	24	19,426		737,368	93 02%	89 86%
789	20	15,790		753,158	95 01%	92 64%
770	17	13,083		766,241	96 66%	95 00%
750	15	11,246		777,487	98 08%	97 08%
730	15	10,947		788,434	99.46%	99 17%
710	6	4,259		792,693	100 00%	100 00%
690	0	0		792,693	100 00%	100 00%
Total	720	792,693				

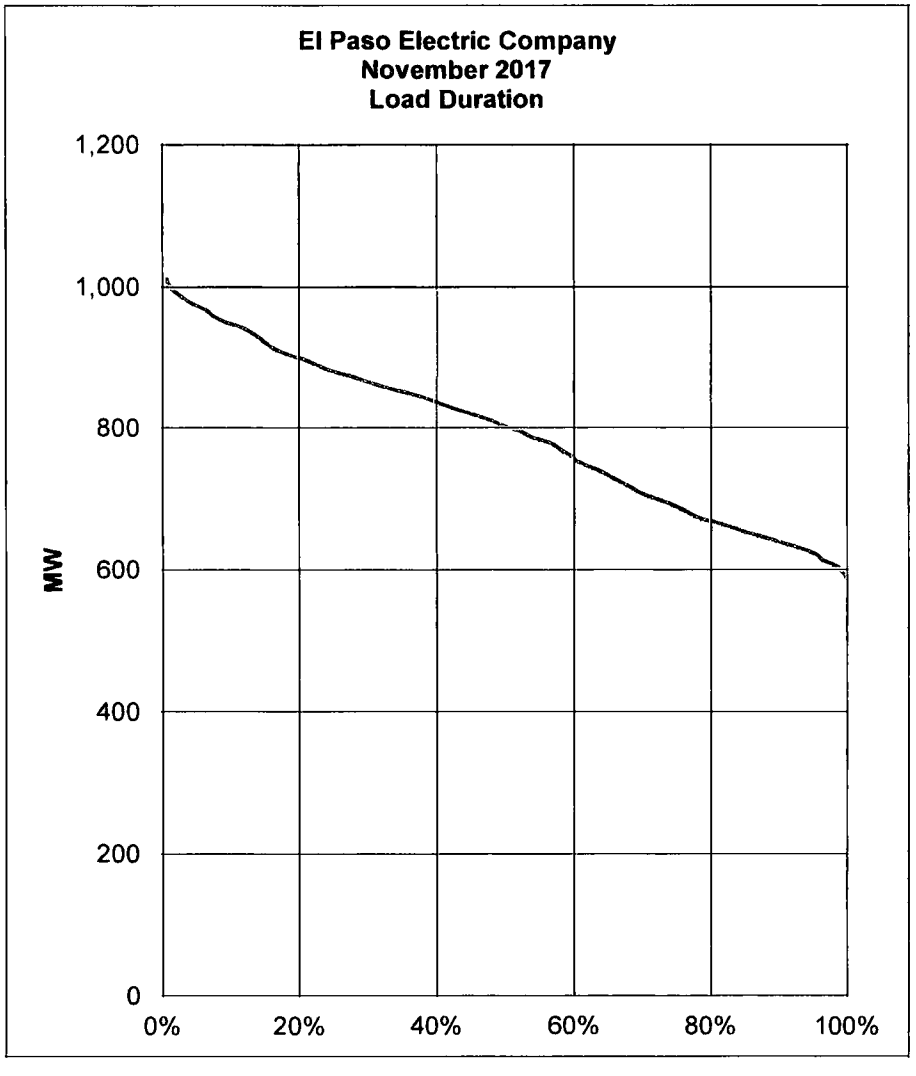

El Paso Electric Company
September 2017
Load Duration
MW
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

(a)	(b)	(c)	(d)	(e)	(f)	(g)
October-2017						
Total MWH =	671,032	Max =	1,531	Interval =	19	
Hours =	744	Min =	581	Load Fact =	58.91%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,531	2	3,062		3,062	0 45%	0 27%
1,512	3	4,536		7,598	1 12%	0 67%
1,493	1	1,493		9,091	1.34%	0 81%
1,474	1	1,474		10,565	1 56%	0.94%
1,455	1	1,455		12,020	1 77%	1 08%
1,436	7	10,052		22,072	3.26%	2 02%
1,417	0	0		22,072	3 26%	2 02%
1,398	5	6,990		29,062	4 29%	2 69%
1,379	2	2,758		31,820	4 69%	2 96%
1,360	6	8,160		39,980	5.90%	3 76%
1,341	7	9,387		49,367	7 28%	4 70%
1,322	4	5,288		54,655	8 06%	5 24%
1,303	4	5,212		59,867	8 83%	5 78%
1,284	6	7,704		67,571	9 97%	6.59%
1,265	6	7,590		75,161	11.09%	7 39%
1,246	6	7,476		82,637	12 19%	8 20%
1,227	7	8,589		91,226	13 46%	9 14%
1,208	10	12,080		103,306	15 24%	10 48%
1,189	11	13,079		116,385	17 17%	11 96%
1,170	11	12,870		129,255	19 07%	13 44%
1,151	9	10,359		139,614	20 60%	14 65%
1,132	8	9,056		148,670	21 93%	15 73%
1,113	19	21,147		169,817	25 05%	18 28%
1,094	13	14,222		184,039	27 15%	20 03%
1,075	16	17,200		201,239	29 69%	22 18%
1,056	12	12,672		213,911	31 56%	23 79%
1,037	18	18,666		232,577	34.31%	26 21%
1,018	13	13,234		245,811	36.26%	27 96%
999	13	12,987		258,798	38 18%	29 70%
980	17	16,660		275,458	40 63%	31 99%
961	29	27,869		303,327	44.75%	35 89%
942	28	26,376		329,703	48 64%	39 65%
923	22	20,306		350,009	51 63%	42 61%
904	23	20,792		370,801	54.70%	45 70%
885	31	27,435		398,236	58.75%	49 87%
866	31	26,846		425,082	62 71%	54 03%
847	37	31,339		456,421	67 33%	59.01%
828	34	28,152		484,573	71 48%	63 58%
809	24	19,416		503,989	74 35%	66 80%
790	22	17,380		521,369	76 91%	69 76%
771	27	20,817		542,186	79 98%	73 39%
752	15	11,280		553,466	81 64%	75 40%
733	27	19,791		573,257	84 56%	79 03%
714	33	23,562		596,819	88.04%	83.47%
695	28	19,460		616,279	90.91%	87.23%
676	25	16,900		633,179	93 40%	90 59%
657	31	20,367		653,546	96 41%	94 76%
638	19	12,122		665,668	98 20%	97 31%
619	13	8,047		673,715	99 38%	99.06%
600	6	3,600		677,315	99 91%	99 87%
581	1	581		677,896	100 00%	100 00%
Total	744	677,896				

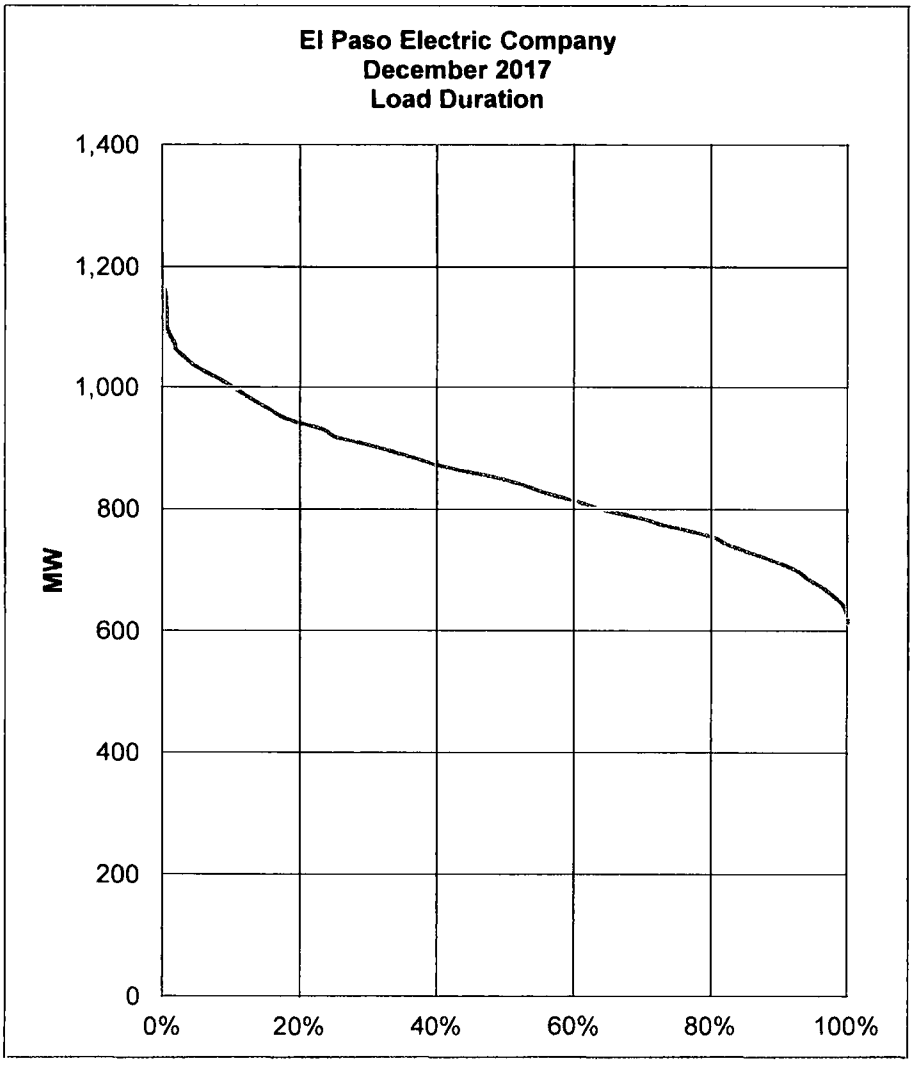

El Paso Electric Company
October 2017
Load Duration
MW
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12 6b· MONTHLY LOAD DURATION
SPONSOR. GEORGE NOVELA
PREPARER ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
November-2017						
Total MWH =	564,074	Max =	1,012	Interval =	8 7	
Hours =	720	Min =	579	Load Fact =	77 41%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,012	4	4,048		4,048	0 71%	0 56%
1,003	2	2,007		6,055	1 07%	0 83%
995	6	5,968		12,022	2 12%	1 67%
986	8	7,887		19,909	3 51%	2 78%
977	10	9,772		29,681	5 23%	4.17%
969	14	13,559		43,240	7 62%	6.11%
960	8	7,678		50,919	8 98%	7 22%
951	11	10,462		61,381	10 82%	8.75%
942	19	17,906		79,287	13 98%	11 39%
934	12	11,204		90,491	15.95%	13.06%
925	9	8,325		98,816	17 42%	14.31%
916	9	8,247		107,063	18 87%	15 56%
908	14	12,706		119,769	21 12%	17 50%
899	19	17,079		136,848	24 13%	20 14%
890	16	14,243		151,091	26 64%	22 36%
881	15	13,223		164,314	28 97%	24 44%
873	24	20,947		185,261	32.66%	27 78%
864	18	15,554		200,815	35 40%	30 28%
855	23	19,674		220,489	38.87%	33 47%
847	25	21,168		241,657	42.60%	36.94%
838	21	17,598		259,255	45.71%	39.86%
829	16	13,269		272,523	48 05%	42.08%
821	20	16,412		288,935	50 94%	44 86%
812	20	16,238		305,173	53 80%	47 64%
803	14	11,245		316,418	55 78%	49 58%
794	18	14,301		330,719	58.31%	52 08%
786	13	10,215		340,935	60 11%	53.89%
777	20	15,542		356,477	62 85%	56 67%
768	9	6,916		363,392	64 07%	57 92%
760	11	8,357		371,749	65 54%	59.44%
751	9	6,759		378,508	66.73%	60.69%
742	17	12,619		391,127	68.96%	63.06%
734	13	9,537		400,664	70 64%	64.86%
725	11	7,974		408,638	72 04%	66.39%
716	13	9,311		417,948	73 68%	68 19%
707	11	7,782		425,731	75 06%	69.72%
699	18	12,578		438,309	77 27%	72.22%
690	17	11,732		450,041	79.34%	74 58%
681	13	8,858		458,899	80.90%	76 39%
673	12	8,072		466,971	82.33%	78.06%
664	23	15,272		482,243	85.02%	81.25%
655	19	12,451		494,694	87.21%	83 89%
647	24	15,518		510,212	89.95%	87.22%
638	21	13,396		523,608	92 31%	90.14%
629	22	13,842		537,451	94 75%	93.19%
620	16	9,928		547,379	96 50%	95.42%
612	8	4,894		552,273	97 36%	96 53%
603	15	9,046		561,320	98 96%	98.61%
594	5	2,972		564,292	99.48%	99 31%
586	5	2,928		567,220	100.00%	100 00%
577	0	0		567,220	100 00%	100 00%
Total	720	567,220				

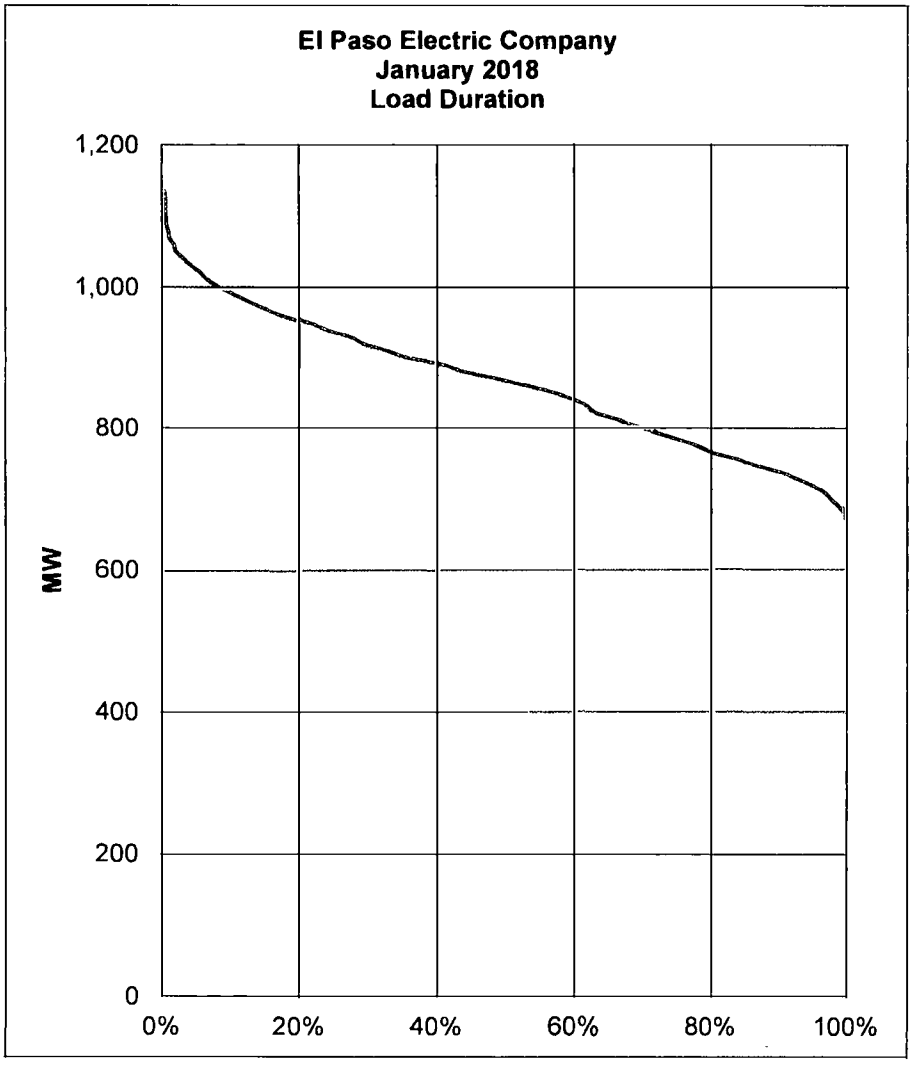

El Paso Electric Company
November 2017
Load Duration
MW
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

(a)	(b)	(c)	(d)	(e)	(f)	(g)
December-2017						
Total MWH =	623,397	Max =	1,163	Interval =	11 1	
Hours =	744	Min =	609	Load Fact =	72 05%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,163	2	2,326		2,326	0 37%	0.27%
1,152	1	1,152		3,478	0.55%	0.40%
1,141	0	0		3,478	0 55%	0.40%
1,130	1	1,130		4,608	0 73%	0 54%
1,119	0	0		4,608	0.73%	0.54%
1,108	0	0		4,608	0 73%	0.54%
1,096	1	1,096		5,704	0 91%	0 67%
1,085	3	3,256		8,960	1 43%	1.08%
1,074	4	4,297		13,257	2 11%	1 61%
1,063	2	2,126		15,383	2.45%	1 88%
1,052	8	8,416		23,799	3 79%	2 96%
1,041	8	8,327		32,126	5 12%	4 03%
1,030	12	12,358		44,484	7 09%	5 65%
1,019	15	15,281		59,764	9 52%	7 66%
1,008	13	13,099		72,863	11 61%	9 41%
997	11	10,962		83,825	13 36%	10 89%
985	11	10,839		94,664	15 09%	12 37%
974	12	11,692		106,356	16.95%	13.98%
963	14	13,485		119,840	19 10%	15 86%
952	13	12,377		132,218	21 07%	17 61%
941	21	19,761		151,979	24.22%	20 43%
930	24	22,318		174,296	27 78%	23 66%
919	11	10,107		184,403	29 39%	25 13%
908	30	27,231		211,634	33 73%	29 17%
897	28	25,105		236,739	37 73%	32 93%
886	23	20,367		257,105	40 97%	36 02%
874	26	22,734		279,840	44.59%	39 52%
863	30	25,899		305,739	48 72%	43 55%
852	36	30,679		336,418	53 61%	48 39%
841	27	22,710		359,128	57 23%	52.02%
830	20	16,600		375,728	59.87%	54 70%
819	25	20,473		396,200	63 14%	58 06%
808	26	21,003		417,203	66 48%	61 56%
797	23	18,324		435,527	69 40%	64 65%
786	36	28,282		463,809	73 91%	69 49%
775	24	18,588		482,397	76 87%	72.72%
763	32	24,429		506,825	80 77%	77 02%
752	26	19,560		526,385	83 88%	80 51%
741	13	9,636		536,021	85 42%	82 26%
730	22	16,062		552,083	87 98%	85 22%
719	21	15,099		567,182	90 38%	88 04%
708	20	14,158		581,340	92 64%	90 73%
697	15	10,452		591,792	94.31%	92 74%
686	9	6,171		597,963	95 29%	93 95%
675	13	8,770		606,733	96 69%	95.70%
664	11	7,299		614,032	97 85%	97 18%
652	9	5,872		619,903	98 79%	98.39%
641	7	4,489		624,392	99 50%	99 33%
630	3	1,891		626,283	99 80%	99 73%
619	2	1,238		627,521	100 00%	100 00%
608	0	0		627,521	100 00%	100 00%
Total	744	627,521				


El Paso Electric Company
December 2017
Load Duration
MW
1,400
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

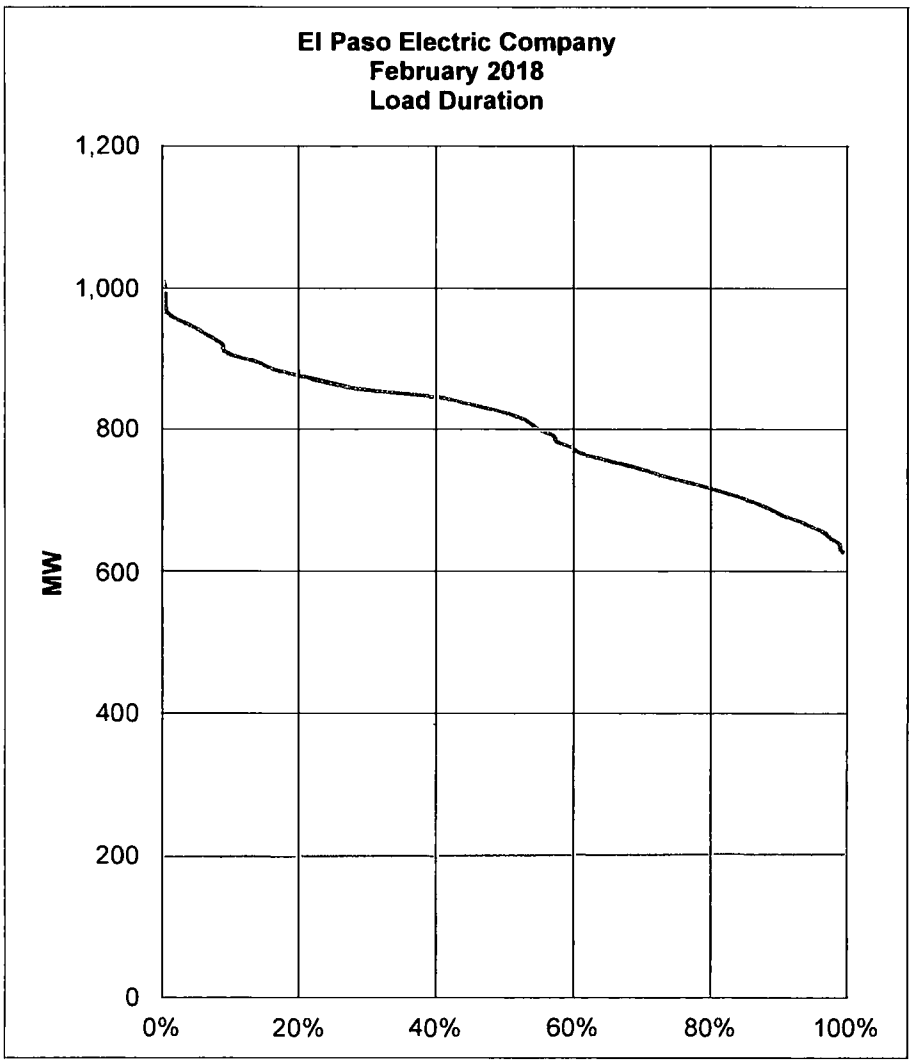
EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12 6b· MONTHLY LOAD DURATION
SPONSOR GEORGE NOVELA
PREPARER ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
January-2018						
Total MWH =	636,329	Max =	1,137	Interval =	9 5	
Hours =	744	Min =	661	Load Fact =	75 22%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,137	2	2,274		2,274	0.36%	0 27%
1,128	1	1,128		3,402	0.53%	0.40%
1,118	0	0		3,402	0.53%	0.40%
1,109	0	0		3,402	0 53%	0.40%
1,099	1	1,099		4,501	0 70%	0.54%
1,090	1	1,090		5,590	0 87%	0 67%
1,080	2	2,160		7,750	1.21%	0 94%
1,071	1	1,071		8,821	1.38%	1 08%
1,061	5	5,305		14,126	2.21%	1 75%
1,052	2	2,103		16,229	2 54%	2 02%
1,042	8	8,336		24,565	3 84%	3 09%
1,033	8	8,260		32,825	5 13%	4 17%
1,023	10	10,230		43,055	6 73%	5 51%
1,014	7	7,095		50,149	7 84%	6.45%
1,004	11	11,044		61,193	9 57%	7.93%
995	14	13,923		75,116	11 74%	9 81%
985	14	13,790		88,906	13.90%	11.69%
976	15	14,633		103,539	16 19%	13 71%
966	17	16,422		119,961	18 75%	15 99%
957	20	19,130		139,091	21.74%	18.68%
947	24	22,728		161,819	25 30%	21.91%
938	16	15,000		176,819	27 64%	24.06%
928	26	24,128		200,947	31.41%	27 55%
919	13	11,941		212,887	33.28%	29 30%
909	25	22,725		235,612	36 83%	32 66%
900	21	18,890		254,502	39 78%	35 48%
890	40	35,600		290,102	45 35%	40 86%
881	21	18,491		308,592	48.24%	43 68%
871	35	30,485		339,077	53 01%	48 39%
862	30	25,845		364,922	57.05%	52.42%
852	31	26,412		391,334	61.17%	56.59%
843	21	17,693		409,027	63.94%	59.41%
833	18	14,994		424,021	66.28%	61 83%
824	9	7,412		431,432	67 44%	63 04%
814	24	19,536		450,968	70 50%	66 26%
805	15	12,068		463,036	72 38%	68 28%
795	26	20,670		483,706	75.61%	71 77%
786	19	14,925		498,630	77 95%	74 33%
776	25	19,400		518,030	80.98%	77 69%
767	17	13,031		531,061	83 02%	79 97%
757	27	20,439		551,500	86.21%	83 60%
748	24	17,940		569,440	89 02%	86 83%
738	27	19,926		589,366	92.13%	90 46%
729	17	12,385		601,750	94 07%	92.74%
719	17	12,223		613,973	95 98%	95.03%
710	13	9,224		623,197	97.42%	96 77%
700	7	4,900		628,097	98.19%	97.72%
691	8	5,524		633,621	99 05%	98.79%
681	6	4,086		637,707	99 69%	99.60%
672	1	672		638,378	99.79%	99 73%
662	2	1,324		639,702	100 00%	100 00%
Total	744	639,702				


El Paso Electric Company
January 2018
Load Duration
MW
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

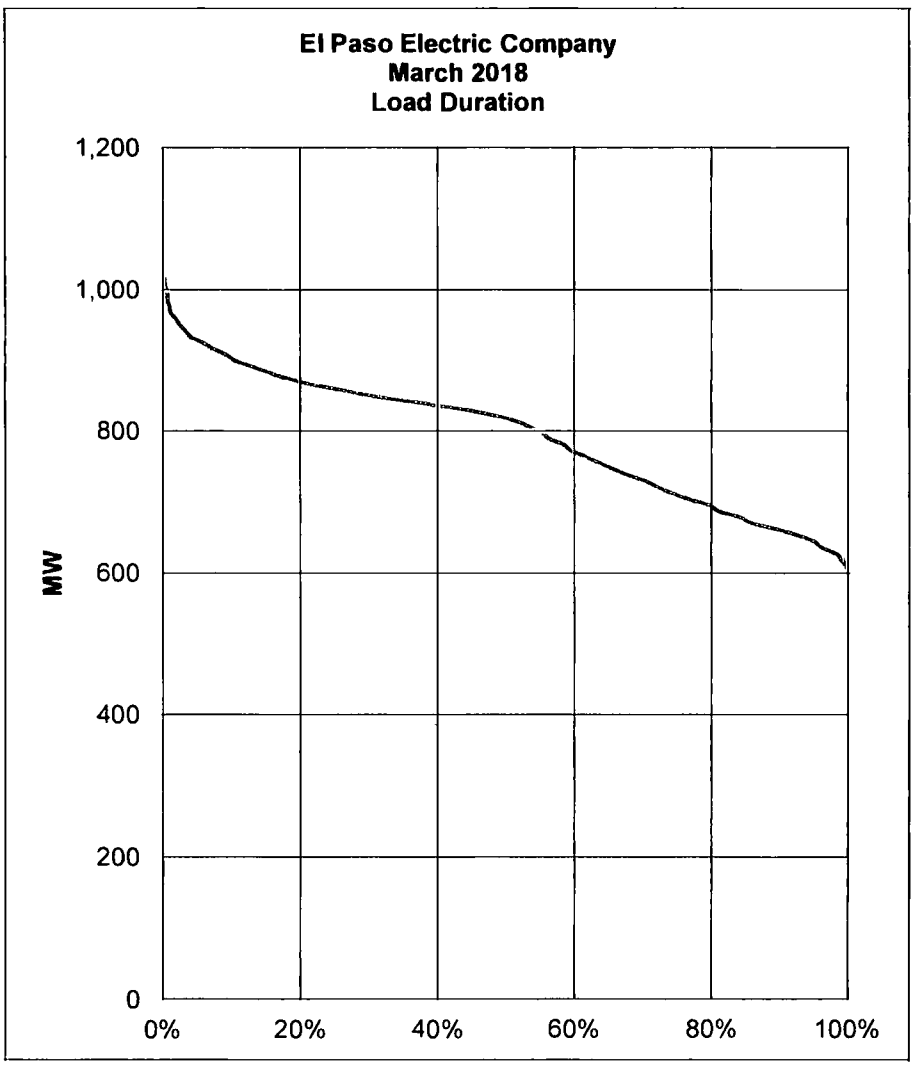
EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12 6b MONTHLY LOAD DURATION
SPONSOR GEORGE NOVELA
PREPARER ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
February-2018						
Total MWH =	534,659	Max =	1,015	Interval =	8	
Hours =	672	Min =	617	Load Fact =	78 39%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,015	1	1,015		1,015	0 19%	0.15%
1,007	1	1,007		2,022	0 38%	0 30%
999	1	999		3,021	0 56%	0.45%
991	0	0		3,021	0 56%	0 45%
983	0	0		3,021	0 56%	0.45%
975	0	0		3,021	0 56%	0 45%
967	1	967		3,988	0 74%	0 60%
959	6	5,754		9,742	1 81%	1 49%
951	11	10,461		20,203	3 76%	3 13%
943	11	10,373		30,576	5 69%	4.76%
935	9	8,415		38,991	7 26%	6 10%
927	10	9,270		48,261	8 99%	7 59%
919	8	7,352		55,613	10 36%	8 78%
911	1	911		56,524	10 52%	8.93%
903	12	10,836		67,360	12 54%	10 71%
895	21	18,795		86,155	16 04%	13 84%
887	12	10,644		96,799	18 02%	15 63%
879	23	20,217		117,016	21.79%	19 05%
871	21	18,291		135,307	25 19%	22 17%
863	23	19,849		155,156	28 89%	25 60%
855	39	33,345		188,501	35 10%	31 40%
847	56	47,432		235,933	43 93%	39 73%
839	26	21,814		257,747	47 99%	43 60%
831	23	19,113		276,860	51 55%	47 02%
823	22	18,106		294,966	54 92%	50 30%
815	15	12,225		307,191	57 20%	52 53%
807	9	7,263		314,454	58 55%	53.87%
799	8	6,392		320,846	59 74%	55 06%
791	13	10,283		331,129	61 66%	56 99%
783	3	2,349		333,478	62 09%	57.44%
775	14	10,850		344,328	64 11%	59 52%
767	9	6,903		351,231	65.40%	60 86%
759	21	15,939		367,170	68 37%	63.99%
751	22	16,522		383,692	71 44%	67 26%
743	21	15,603		399,295	74 35%	70 39%
735	17	12,495		411,790	76 68%	72 92%
727	21	15,267		427,057	79.52%	76 04%
719	21	15,099		442,156	82.33%	79 17%
711	19	13,509		455,665	84 84%	81 99%
703	19	13,357		469,022	87 33%	84 82%
695	15	10,425		479,447	89 27%	87 05%
687	13	8,931		488,378	90.94%	88 99%
679	11	7,469		495,847	92 33%	90 63%
671	16	10,736		506,583	94 33%	93 01%
663	12	7,956		514,539	95 81%	94 79%
655	13	8,515		523,054	97 39%	96 73%
647	6	3,882		526,936	98 12%	97 62%
639	9	5,751		532,687	99 19%	98 96%
631	1	631		533,318	99.30%	99 11%
623	6	3,738		537,056	100 00%	100 00%
615	0	0		537,056	100 00%	100 00%
Total	672	537,056				

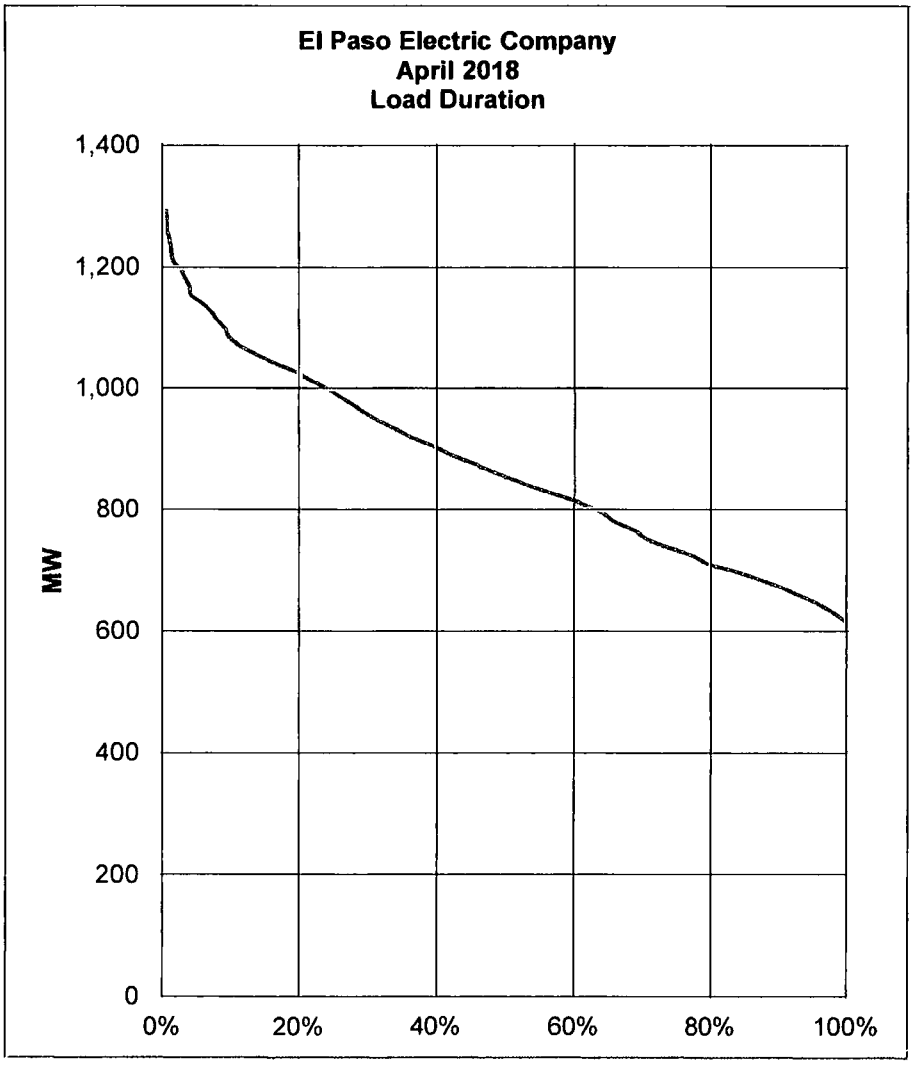

El Paso Electric Company
February 2018
Load Duration
MW
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12.6b MONTHLY LOAD DURATION
SPONSOR. GEORGE NOVELA
PREPARER: ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
March-2018						
Total MWH =	583,039	Max =	1,018	Interval =	8 5	
Hours =	744	Min =	594	Load Fact =	76.98%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,018	2	2,036		2,036	0.35%	0 27%
1,010	0	0		2,036	0 35%	0.27%
1,001	2	2,002		4,038	0 69%	0.54%
993	1	993		5,031	0.86%	0.67%
984	0	0		5,031	0 86%	0.67%
976	2	1,951		6,982	1 19%	0 94%
967	1	967		7,949	1.36%	1.08%
959	6	5,751		13,700	2 34%	1 88%
950	4	3,800		17,500	2.99%	2 42%
942	6	5,649		23,149	3 95%	3 23%
933	5	4,665		27,814	4 75%	3 90%
925	13	12,019		39,832	6 80%	5 65%
916	12	10,992		50,824	8 67%	7 26%
908	14	12,705		63,529	10 84%	9.14%
899	10	8,990		72,519	12 37%	10.48%
891	18	16,029		88,548	15.11%	12.90%
882	19	16,758		105,306	17 97%	15 46%
874	24	20,964		126,270	21.55%	18 68%
865	24	20,760		147,030	25 09%	21 91%
857	35	29,978		177,008	30 20%	26 61%
848	33	27,984		204,992	34 98%	31 05%
840	44	36,938		241,930	41 28%	36 96%
831	46	38,226		280,156	47.80%	43.15%
823	34	27,965		308,121	52 57%	47.72%
814	26	21,164		329,285	56 19%	51.21%
806	15	12,083		341,367	58 25%	53.23%
797	15	11,955		353,322	60 29%	55.24%
789	7	5,520		358,842	61 23%	56 18%
780	16	12,480		371,322	63.36%	58 33%
772	8	6,172		377,494	64 41%	59 41%
763	17	12,971		390,465	66 62%	61 69%
755	15	11,318		401,782	68 56%	63.71%
746	15	11,190		412,972	70 47%	65 73%
738	16	11,800		424,772	72.48%	67 88%
729	19	13,851		438,623	74.84%	70 43%
721	13	9,367		447,990	76 44%	72 18%
712	15	10,680		458,670	78 26%	74 19%
704	17	11,960		470,629	80 30%	76 48%
695	23	15,985		486,614	83 03%	79 57%
687	11	7,552		494,166	84 32%	81.05%
678	23	15,594		509,760	86.98%	84 14%
670	15	10,043		519,802	88 69%	86 16%
661	28	18,508		538,310	91 85%	89 92%
653	22	14,355		552,665	94 30%	92 88%
644	17	10,948		563,613	96 17%	95 16%
636	8	5,084		568,697	97 04%	96 24%
627	16	10,032		578,729	98 75%	98 39%
619	5	3,093		581,822	99 28%	99 06%
610	4	2,440		584,262	99.69%	99.60%
602	3	1,805		586,066	100 00%	100 00%
593	0	0		586,066	100 00%	100 00%
Total	744	586,066				

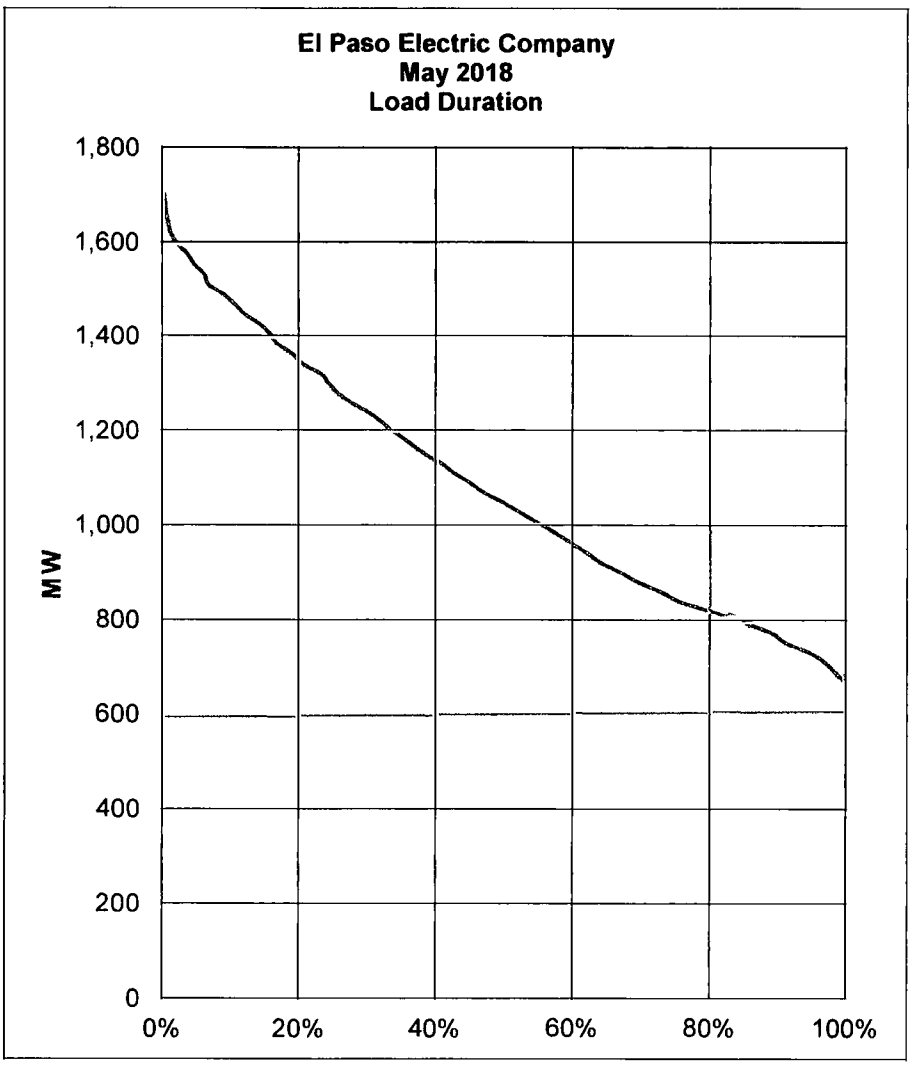

El Paso Electric Company
March 2018
Load Duration
MW
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

(a)	(b)	(c)	(d)	(e)	(f)	(g)
April-2018						
Total MWH =	616,518	Max =	1,294	Interval =	13 9	
Hours =	720	Min =	600	Load Fact =	66.17%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,294	3	3,882		3,882	0 62%	0 42%
1,280	1	1,280		5,162	0 83%	0 56%
1,266	0	0		5,162	0.83%	0.56%
1,252	2	2,505		7,667	1 23%	0.83%
1,238	2	2,477		10,144	1 63%	1 11%
1,225	1	1,225		11,368	1.83%	1 25%
1,211	2	2,421		13,789	2 22%	1 53%
1,197	8	9,574		23,363	3 76%	2 64%
1,183	4	4,731		28,094	4 52%	3.19%
1,169	5	5,845		33,939	5 46%	3 89%
1,155	1	1,155		35,094	5 65%	4 03%
1,141	12	13,693		48,787	7 85%	5.69%
1,127	9	10,145		58,932	9.48%	6 94%
1,113	6	6,680		65,611	10 56%	7 78%
1,099	9	9,895		75,506	12.15%	9.03%
1,086	4	4,342		79,848	12.85%	9.58%
1,072	10	10,716		90,564	14 57%	10 97%
1,058	16	16,923		107,487	17.30%	13 19%
1,044	20	20,876		128,363	20 65%	15.97%
1,030	22	22,658		151,021	24 30%	19 03%
1,016	16	16,256		167,277	26 92%	21 25%
1,002	18	18,038		185,315	29 82%	23 75%
988	14	13,835		199,150	32 04%	25 69%
974	14	13,640		212,790	34.24%	27.64%
960	13	12,485		225,275	36 25%	29 44%
946	16	15,144		240,419	38 68%	31.67%
933	18	16,787		257,206	41 39%	34.17%
919	17	15,618		272,824	43 90%	36.53%
905	22	19,906		292,729	47 10%	39 58%
891	16	14,254		306,984	49 39%	41.81%
877	23	20,171		327,155	52 64%	45 00%
863	22	18,988		346,143	55 70%	48 06%
849	22	18,682		364,825	58.70%	51 11%
835	23	19,212		384,037	61 79%	54 31%
821	28	22,999		407,036	65 49%	58 19%
807	24	19,380		426,416	68 61%	61 53%
794	19	15,078		441,495	71.04%	64 17%
780	12	9,356		450,851	72.54%	65 83%
766	21	16,082		466,933	75 13%	68 75%
752	13	9,775		476,708	76 70%	70 56%
738	22	16,236		492,944	79.32%	73 61%
724	27	19,551		512,494	82.46%	77 36%
710	17	12,073		524,568	84.41%	79 72%
696	33	22,978		547,546	88 10%	84.31%
682	25	17,060		564,606	90.85%	87 78%
668	24	16,044		580,650	93 43%	91 11%
655	22	14,401		595,051	95 75%	94 17%
641	18	11,533		606,583	97 60%	96.67%
627	14	8,775		615,359	99.01%	98 61%
613	10	6,129		621,488	100 00%	100.00%
599	0	0		621,488	100 00%	100.00%
Total	720	621,488				


El Paso Electric Company
April 2018
Load Duration
MW
1,400
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

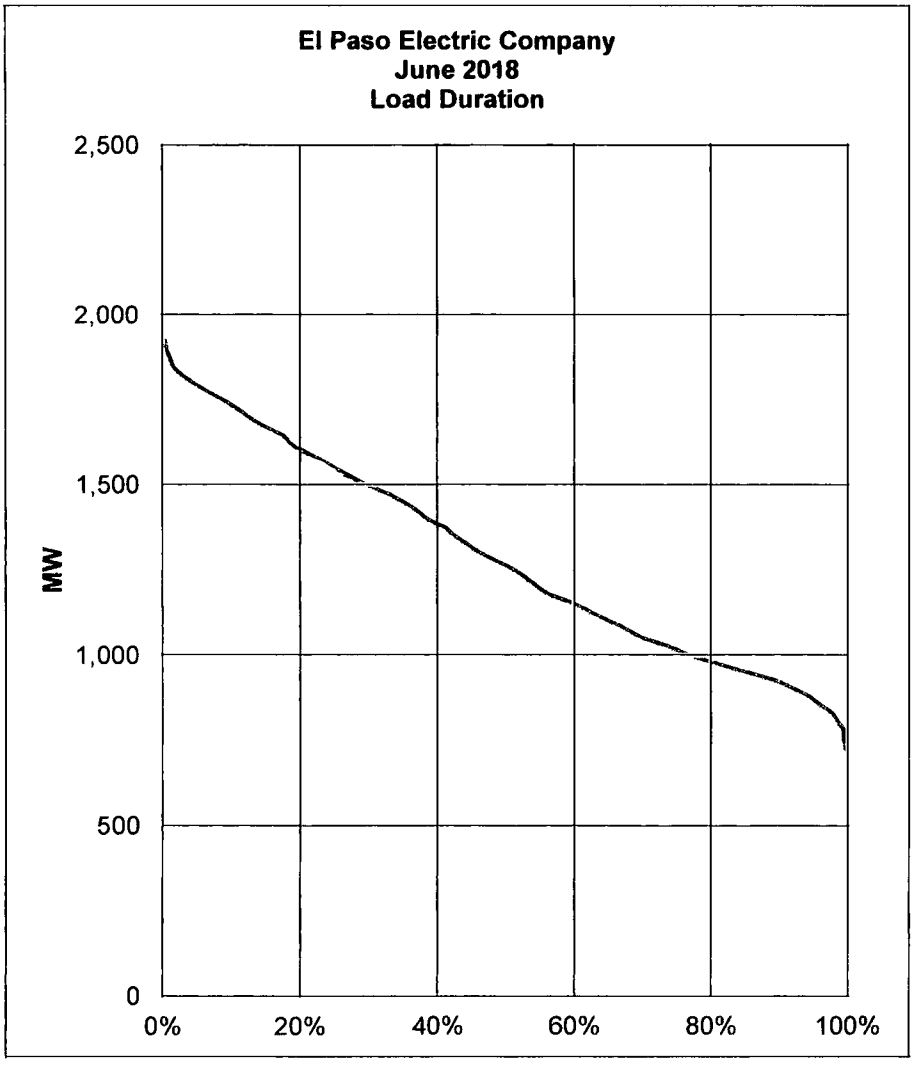
EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12 6b: MONTHLY LOAD DURATION
SPONSOR GEORGE NOVELA
PREPARER ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
May-2018						
Total MWH =	789,581	Max =	1,705	Interval =	21 2	
Hours =	744	Min =	643	Load Fact =	62 24%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,705	2	3,410		3,410	0 43%	0.27%
1,684	1	1,684		5,094	0.64%	0 40%
1,663	1	1,663		6,756	0.85%	0 54%
1,641	3	4,924		11,681	1 46%	0 94%
1,620	3	4,861		16,541	2.07%	1 34%
1,599	7	11,193		27,734	3 48%	2.28%
1,578	11	17,356		45,090	5 65%	3 76%
1,557	7	10,896		55,986	7.02%	4.70%
1,535	11	16,889		72,876	9.14%	6 18%
1,514	4	6,057		78,932	9.90%	6 72%
1,493	17	25,381		104,313	13 08%	9.01%
1,472	12	17,662		121,975	15 29%	10 62%
1,451	10	14,506		136,481	17 11%	11 96%
1,429	16	22,870		159,351	19 98%	14 11%
1,408	12	16,898		176,250	22 10%	15.73%
1,387	8	11,096		187,346	23 49%	16.80%
1,366	17	23,219		210,564	26 40%	19 09%
1,345	10	13,446		224,010	28.09%	20 43%
1,323	20	26,468		250,478	31.41%	23 12%
1,302	10	13,022		263,500	33 04%	24 46%
1,281	10	12,810		276,310	34 65%	25.81%
1,260	16	20,157		296,467	37 17%	27.96%
1,239	19	23,533		320,001	40 13%	30 51%
1,217	14	17,044		337,044	42 26%	32 39%
1,196	12	14,354		351,399	44 06%	34.01%
1,175	15	17,625		369,024	46 27%	36.02%
1,154	15	17,307		386,331	48.44%	38.04%
1,133	19	21,519		407,850	51 14%	40.59%
1,111	14	15,560		423,410	53 09%	42 47%
1,090	18	19,624		443,033	55 55%	44.89%
1,069	15	16,035		459,068	57 56%	46 91%
1,048	21	22,004		481,072	60.32%	49.73%
1,027	18	18,479		499,551	62 64%	52.15%
1,005	19	19,103		518,653	65 04%	54 70%
984	18	17,716		536,369	67.26%	57 12%
963	17	16,371		552,740	69 31%	59.41%
942	20	18,836		571,576	71 67%	62 10%
921	15	13,809		585,385	73.40%	64 11%
899	22	19,787		605,172	75 88%	67 07%
878	20	17,564		622,736	78 09%	69.76%
857	25	21,425		644,161	80.77%	73 12%
836	21	17,552		661,713	82 97%	75 94%
815	36	29,326		691,038	86 65%	80.78%
793	33	26,182		717,220	89 93%	85 22%
772	29	22,394		739,614	92 74%	89.11%
751	15	11,265		750,879	94.15%	91 13%
730	27	19,705		770,584	96 63%	94.76%
709	17	12,046		782,630	98.14%	97 04%
687	11	7,561		790,191	99 08%	98 52%
666	10	6,662		796,853	99 92%	99 87%
645	1	645		797,498	100.00%	100.00%
Total	744	797,498				


El Paso Electric Company
May 2018
Load Duration
MW
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

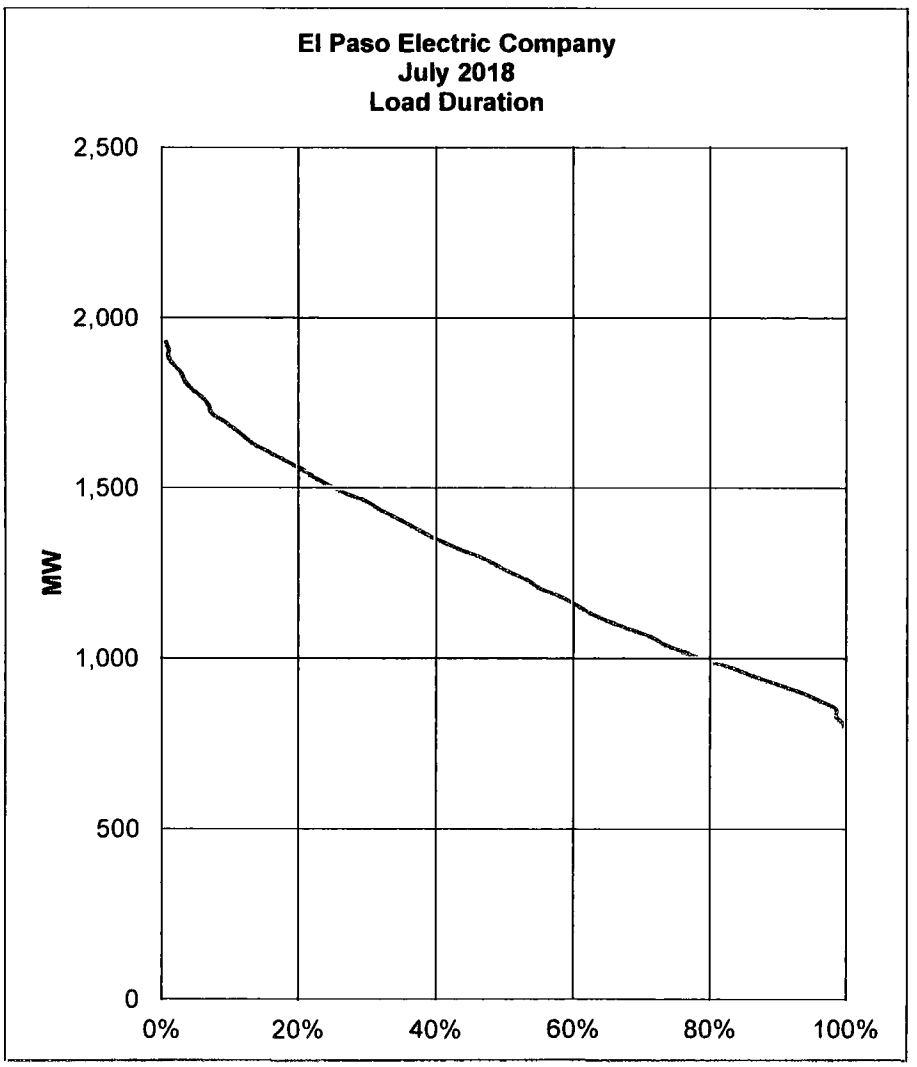
EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12.6b. MONTHLY LOAD DURATION
SPONSOR GEORGE NOVELA
PREPARER ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
June-2018						
Total MWH =	911,994	Max =	1,921	Interval =	24 8	
Hours =	720	Min =	683	Load Fact =	65 94%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,921	3	5,763		5,763	0 63%	0.42%
1,896	2	3,792		9,555	1.04%	0 69%
1,871	3	5,614		15,170	1 65%	1 11%
1,847	4	7,386		22,556	2 45%	1 67%
1,822	9	16,396		38,952	4 23%	2 92%
1,797	13	23,361		62,313	6 77%	4 72%
1,772	15	26,583		88,896	9 65%	6 81%
1,747	16	27,958		116,855	12 69%	9 03%
1,723	14	24,116		140,971	15 31%	10 97%
1,698	12	20,374		161,345	17 52%	12 64%
1,673	14	23,422		184,767	20 07%	14 58%
1,648	20	32,964		217,731	23 65%	17 36%
1,623	9	14,611		232,341	25 23%	18 61%
1,599	13	20,782		253,123	27.49%	20.42%
1,574	21	33,050		286,173	31.08%	23.33%
1,549	14	21,686		307,859	33 43%	25 28%
1,524	14	21,339		329,198	35.75%	27.22%
1,499	19	28,489		357,686	38 85%	29 86%
1,475	21	30,967		388,653	42 21%	32 78%
1,450	16	23,197		411,850	44 73%	35 00%
1,425	14	19,950		431,800	46 89%	36 94%
1,400	11	15,402		447,202	48 57%	38 47%
1,375	18	24,757		471,959	51 26%	40 97%
1,351	11	14,857		486,816	52 87%	42 50%
1,326	13	17,235		504,051	54.74%	44 31%
1,301	13	16,913		520,964	56 58%	46 11%
1,276	17	21,695		542,659	58.93%	48.47%
1,251	18	22,525		565,185	61 38%	50 97%
1,227	13	15,946		581,130	63 11%	52 78%
1,202	12	14,422		595,552	64 68%	54.44%
1,177	13	15,301		610,853	66 34%	56 25%
1,152	24	27,653		638,506	69 34%	59 58%
1,127	19	21,421		659,926	71.67%	62.22%
1,103	19	20,949		680,876	73 94%	64.86%
1,078	19	20,478		701,354	76.17%	67 50%
1,053	16	16,848		718,202	78.00%	69 72%
1,028	27	27,761		745,963	81.01%	73 47%
1,003	22	22,075		768,038	83 41%	76 53%
979	27	26,422		794,460	86.28%	80 28%
954	29	27,660		822,121	89 28%	84 31%
929	32	29,728		851,849	92 51%	88 75%
904	21	18,988		870,837	94 57%	91 67%
879	18	15,829		886,666	96 29%	94 17%
855	12	10,255		896,921	97 41%	95 83%
830	13	10,787		907,709	98 58%	97 64%
805	6	4,830		912,539	99 10%	98.47%
780	6	4,681		917,220	99 61%	99 31%
755	0	0		917,220	99.61%	99 31%
731	2	1,461		918,681	99 77%	99 58%
706	3	2,117		920,798	100 00%	100 00%
681	0	0		920,798	100 00%	100 00%
Total	720	920,798				

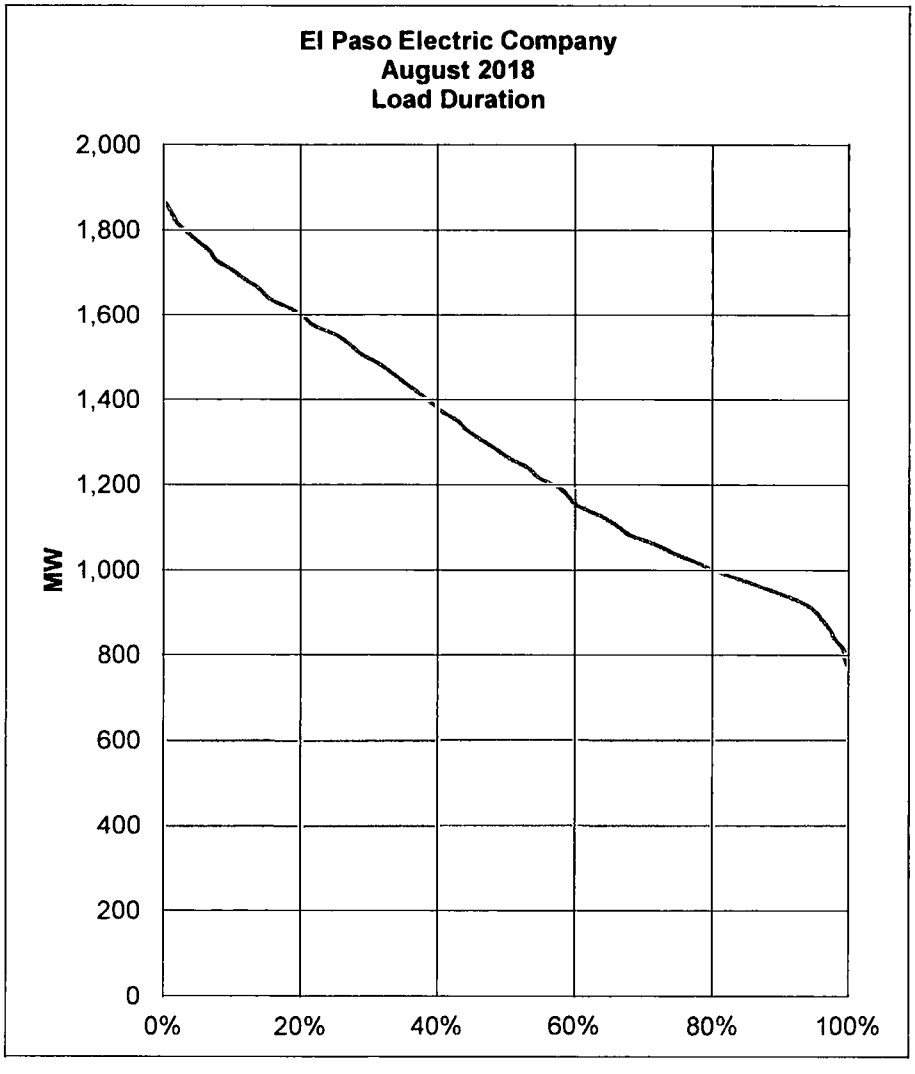

El Paso Electric Company
June 2018
Load Duration
MW
2,500
2,000
1,500
1,000
500
0
0%
20%
40%
60%
80%
100%

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12 6b MONTHLY LOAD DURATION
SPONSOR: GEORGE NOVELA
PREPARER ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
July-2018						
Total MWH =	934,930	Max =	1,929	Interval =	23 4	
Hours =	744	Min =	759	Load Fact =	65 14%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,929	4	7,716		7,716	0.82%	0 54%
1,906	3	5,717		13,433	1 42%	0 94%
1,882	0	0		13,433	1.42%	0 94%
1,859	6	11,153		24,586	2 61%	1.75%
1,835	8	14,683		39,269	4.16%	2.82%
1,812	4	7,248		46,517	4 93%	3 36%
1,789	8	14,309		60,826	6 45%	4 44%
1,765	11	19,417		80,243	8 50%	5 91%
1,742	7	12,193		92,435	9 80%	6 85%
1,718	3	5,155		97,591	10 34%	7 26%
1,695	13	22,035		119,626	12 68%	9 01%
1,672	12	20,059		139,685	14.80%	10 62%
1,648	11	18,130		157,815	16 72%	12.10%
1,625	11	17,873		175,688	18 62%	13 58%
1,601	18	28,825		204,513	21 67%	15 99%
1,578	17	26,826		231,339	24 52%	18 28%
1,555	16	24,874		256,213	27 15%	20 43%
1,531	13	19,906		276,118	29 26%	22 18%
1,508	17	25,633		301,751	31 98%	24.46%
1,484	18	26,719		328,470	34.81%	26 88%
1,461	22	32,142		360,612	38.22%	29.84%
1,438	14	20,126		380,738	40 35%	31 72%
1,414	17	24,041		404,780	42 90%	34 01%
1,391	16	22,253		427,033	45 26%	36.16%
1,367	15	20,511		447,544	47 43%	38 17%
1,344	19	25,536		473,080	50 13%	40 73%
1,321	19	25,091		498,171	52 79%	43 28%
1,297	23	29,836		528,007	55 96%	46 37%
1,274	17	21,655		549,661	58 25%	48 66%
1,250	16	20,006		569,668	60 37%	50 81%
1,227	19	23,313		592,981	62 84%	53 36%
1,204	13	15,647		608,627	64 50%	55 11%
1,180	22	25,964		634,592	67 25%	58.06%
1,157	16	18,509		653,101	69 21%	60 22%
1,133	16	18,134		671,235	71 13%	62 37%
1,110	19	21,090		692,325	73 37%	64 92%
1,087	23	24,992		717,317	76 02%	68 01%
1,063	25	26,580		743,897	78 84%	71 37%
1,040	15	15,597		759,494	80 49%	73 39%
1,016	23	23,377		782,871	82 97%	76 48%
993	24	23,832		806,703	85 49%	79 70%
970	28	27,149		833,852	88 37%	83 47%
946	22	20,816		854,668	90.57%	86 42%
923	25	23,070		877,738	93.02%	89.78%
899	26	23,384		901,123	95 50%	93.28%
876	20	17,520		918,643	97 35%	95.97%
853	18	15,347		933,989	98 98%	98 39%
829	1	829		934,819	99 07%	98 52%
806	8	6,446		941,265	99 75%	99 60%
782	3	2,347		943,612	100 00%	100 00%
759	0	0		943,612	100.00%	100 00%
Total	744	943,612				

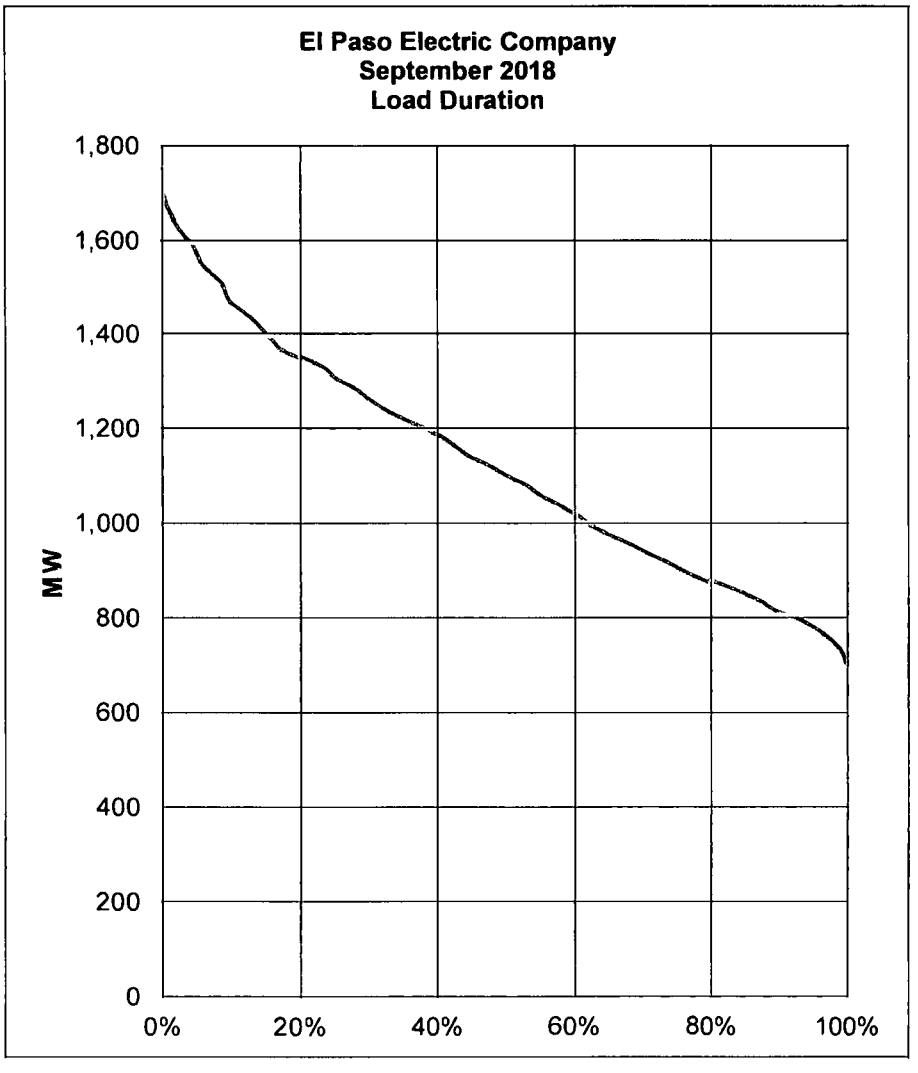

El Paso Electric Company
July 2018
Load Duration
MW
2,500
2,000
1,500
1,000
500
0
0%
20%
40%
60%
80%
100%

(a)	(b)	(c)	(d)	(e)	(f)	(g)
August-2018						
Total MWH =	948,489	Max =	1,864	Interval =	22.3	
Hours =	744	Min =	747	Load Fact =	68 39%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,864	2	3,728		3,728	0.39%	0.27%
1,842	6	11,050		14,778	1.54%	1.08%
1,819	6	10,916		25,695	2 69%	1 88%
1,797	11	19,768		45,463	4.75%	3 36%
1,775	12	21,298		66,760	6 98%	4.97%
1,753	13	22,783		89,543	9 36%	6 72%
1,730	7	12,111		101,654	10 62%	7 66%
1,708	17	29,034		130,689	13 66%	9.95%
1,686	14	23,598		154,287	16 13%	11.83%
1,663	16	26,613		180,900	18 91%	13 98%
1,641	10	16,410		197,310	20 62%	15.32%
1,619	22	35,611		232,921	24 34%	18 28%
1,596	16	25,542		258,464	27 01%	20 43%
1,574	12	18,889		277,353	28 99%	22 04%
1,552	24	37,243		314,596	32 88%	25 27%
1,530	15	22,943		337,538	35 28%	27 28%
1,507	12	18,086		355,625	37 17%	28 90%
1,485	19	28,213		383,838	40 12%	31.45%
1,463	15	21,939		405,777	42 41%	33.47%
1,440	13	18,724		424,501	44 37%	35 22%
1,418	14	19,852		444,353	46 44%	37.10%
1,396	13	18,144		462,497	48.34%	38 84%
1,373	14	19,228		481,725	50 35%	40 73%
1,351	17	22,969		504,693	52 75%	43 01%
1,329	10	13,288		517,981	54 14%	44 35%
1,307	15	19,598		537,579	56 19%	46 37%
1,284	16	20,547		558,126	58 33%	48.52%
1,262	15	18,929		577,054	60 31%	50 54%
1,240	20	24,792		601,846	62 90%	53 23%
1,217	11	13,390		615,237	64.30%	54.70%
1,195	21	25,095		640,332	66 93%	57.53%
1,173	11	12,900		653,231	68 27%	59 01%
1,150	10	11,504		664,735	69 48%	60 35%
1,128	25	28,203		692,938	72 42%	63 71%
1,106	17	18,799		711,737	74.39%	65.99%
1,084	15	16,253		727,989	76.09%	68 01%
1,061	28	29,714		757,703	79 19%	71 77%
1,039	21	21,817		779,520	81 47%	74 60%
1,017	25	25,415		804,935	84.13%	77.96%
994	24	23,863		828,798	86 62%	81 18%
972	29	28,188		856,986	89 57%	85.08%
950	28	26,592		883,577	92.35%	88.84%
927	28	25,967		909,545	95 06%	92 61%
905	17	15,387		924,931	96 67%	94.89%
883	9	7,945		932,876	97.50%	96.10%
861	9	7,745		940,621	98 31%	97 31%
838	5	4,191		944,812	98 75%	97 98%
816	9	7,343		952,155	99 52%	99 19%
794	1	794		952,949	99 60%	99 33%
771	4	3,085		956,034	99 92%	99 87%
749	1	749		956,783	100.00%	100 00%
Total	744	956,783				


El Paso Electric Company
August 2018
Load Duration
MW
2,000
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

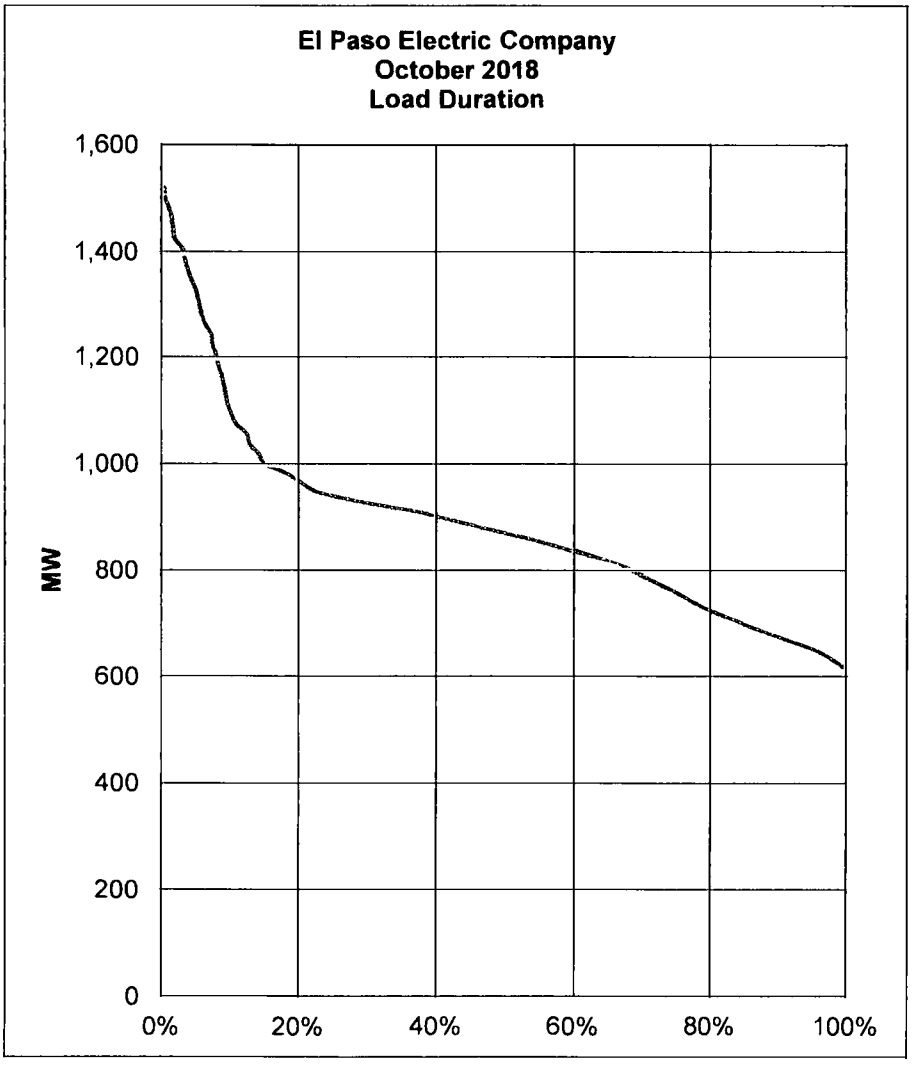
EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12 6b· MONTHLY LOAD DURATION
SPONSOR GEORGE NOVELA
PREPARER ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
September-2018						
Total MWH =	792,606	Max =	1,701	Interval =	20 7	
Hours =	720	Min =	665	Load Fact =	64.72%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,701	1	1,701		1,701	0.21%	0.14%
1,680	3	5,041		6,742	0 84%	0.56%
1,660	5	8,298		15,040	1.88%	1.25%
1,639	5	8,195		23,234	2 90%	1.94%
1,618	7	11,327		34,562	4 32%	2.92%
1,598	10	15,975		50,537	6.32%	4.31%
1,577	5	7,884		58,421	7 30%	5.00%
1,556	5	7,781		66,201	8 27%	5.69%
1,535	10	15,354		81,555	10 19%	7.08%
1,515	11	16,662		98,217	12 27%	8.61%
1,494	4	5,976		104,193	13.02%	9 17%
1,473	5	7,367		111,560	13 94%	9.86%
1,453	13	18,884		130,443	16.30%	11 67%
1,432	12	17,183		147,626	18 45%	13 33%
1,411	9	12,701		160,327	20 04%	14 58%
1,391	10	13,905		174,232	21 77%	15 97%
1,370	11	15,068		189,300	23 66%	17 50%
1,349	23	31,029		220,329	27 54%	20.69%
1,328	21	27,896		248,225	31 02%	23.61%
1,308	11	14,385		262,610	32 82%	25 14%
1,287	20	25,740		288,350	36 04%	27.92%
1,266	13	16,462		304,812	38.09%	29 72%
1,246	15	18,684		323,496	40 43%	31 81%
1,225	19	23,273		346,769	43 34%	34 44%
1,204	22	26,492		373,262	46 65%	37.50%
1,184	22	26,037		399,299	49.90%	40 56%
1,163	15	17,442		416,741	52.08%	42.64%
1,142	14	15,989		432,730	54 08%	44 58%
1,121	22	24,671		457,401	57 16%	47.64%
1,101	17	18,712		476,113	59 50%	50.00%
1,080	21	22,680		498,793	62.34%	52.92%
1,059	14	14,830		513,623	64.19%	54.86%
1,039	20	20,772		534,395	66 79%	57.64%
1,018	17	17,304		551,699	68 95%	60.00%
997	15	14,958		566,657	70 82%	62 08%
976	21	20,507		587,164	73.38%	65 00%
956	23	21,983		609,147	76.13%	68.19%
935	20	18,702		627,849	78.47%	70.97%
914	22	20,117		647,966	80.98%	74 03%
894	19	16,980		664,946	83.10%	76 67%
873	23	20,079		685,025	85.61%	79 86%
852	27	23,012		708,037	88.49%	83 61%
832	24	19,958		727,996	90.98%	86 94%
811	16	12,974		740,970	92 60%	89 17%
790	26	20,545		761,515	95 17%	92.78%
769	19	14,621		776,136	97 00%	95.42%
749	14	10,483		786,619	98 31%	97.36%
728	10	7,281		793,900	99.22%	98.75%
707	5	3,537		797,437	99.66%	99.44%
687	3	2,060		799,497	99 92%	99.86%
666	1	666		800,163	100 00%	100.00%
Total	720	800163				

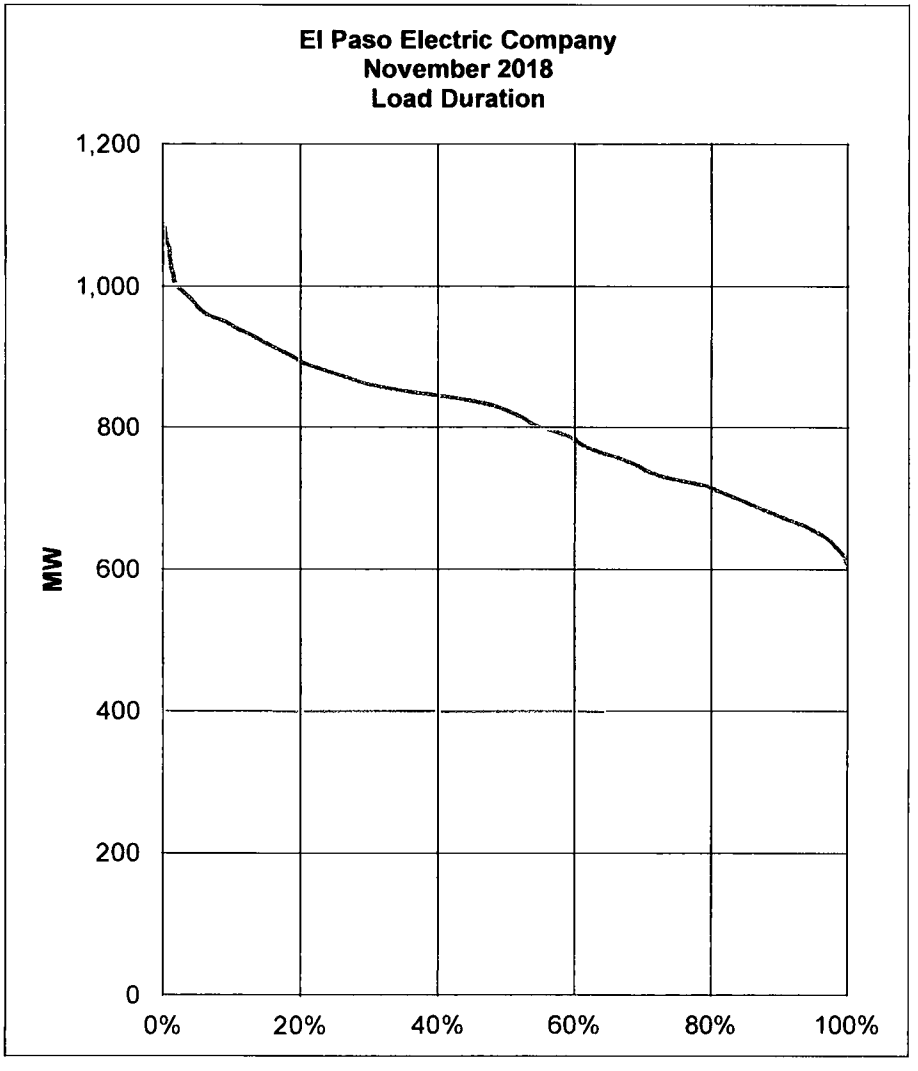

El Paso Electric Company
September 2018
Load Duration
MW
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12 6b. MONTHLY LOAD DURATION
SPONSOR GEORGE NOVELA
PREPARER. ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
October-2018						
Total MWH =	644,845	Max =	1,523	Interval =	18 6	
Hours =	744	Min =	594	Load Fact =	56 91%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,523	3	4,569		4,569	0 70%	0 40%
1,504	1	1,504		6,073	0 93%	0 54%
1,486	4	5,943		12,017	1 84%	1 08%
1,467	3	4,402		16,418	2 52%	1 48%
1,449	2	2,897		19,315	2 96%	1 75%
1,430	1	1,430		20,745	3 18%	1 88%
1,411	8	11,291		32,037	4 91%	2.96%
1,393	3	4,178		36,215	5 55%	3 36%
1,374	3	4,123		40,338	6.19%	3.76%
1,356	3	4,067		44,404	6 81%	4.17%
1,337	5	6,685		51,089	7 84%	4 84%
1,318	3	3,955		55,045	8.44%	5 24%
1,300	2	2,600		57,644	8.84%	5.51%
1,281	3	3,844		61,488	9 43%	5.91%
1,263	4	5,050		66,538	10 21%	6.45%
1,244	6	7,464		74,002	11 35%	7 26%
1,225	1	1,225		75,228	11 54%	7.39%
1,207	4	4,827		80,055	12.28%	7 93%
1,188	2	2,376		82,431	12 64%	8.20%
1,170	4	4,678		87,110	13 36%	8.74%
1,151	3	3,453		90,563	13 89%	9 14%
1,132	2	2,265		92,827	14 24%	9 41%
1,114	2	2,228		95,055	14 58%	9 68%
1,095	4	4,381		99,436	15 25%	10 22%
1,077	5	5,383		104,819	16 08%	10 89%
1,058	11	11,638		116,457	17 86%	12 37%
1,039	3	3,118		119,575	18 34%	12 77%
1,021	10	10,208		129,783	19 91%	14 11%
1,002	6	6,013		135,796	20.83%	14 92%
984	23	22,623		158,419	24 30%	18 01%
965	17	16,405		174,824	26.81%	20 30%
946	19	17,982		192,806	29.57%	22 85%
928	47	43,607		236,412	36 26%	29 17%
909	60	54,552		290,964	44.63%	37 23%
891	46	40,968		331,932	50 91%	43 41%
872	42	36,624		368,556	56 53%	49 06%
853	45	38,403		406,959	62 42%	55 11%
835	37	30,888		437,846	67 16%	60 08%
816	42	34,280		472,127	72 42%	65 73%
798	22	17,547		489,674	75 11%	68 68%
779	23	17,917		507,591	77 86%	71 77%
760	22	16,729		524,320	80 42%	74 73%
742	19	14,094		538,414	82 58%	77 28%
723	21	15,187		553,601	84 91%	80.11%
705	28	19,729		573,330	87 94%	83.87%
686	28	19,208		592,538	90 88%	87 63%
667	31	20,689		613,227	94 06%	91 80%
649	29	18,815		632,043	96 94%	95 70%
630	19	11,974		644,016	98 78%	98.25%
612	13	7,951		651,967	100 00%	100.00%
593	0	0		651,967	100 00%	100 00%
Total	744	651,967				

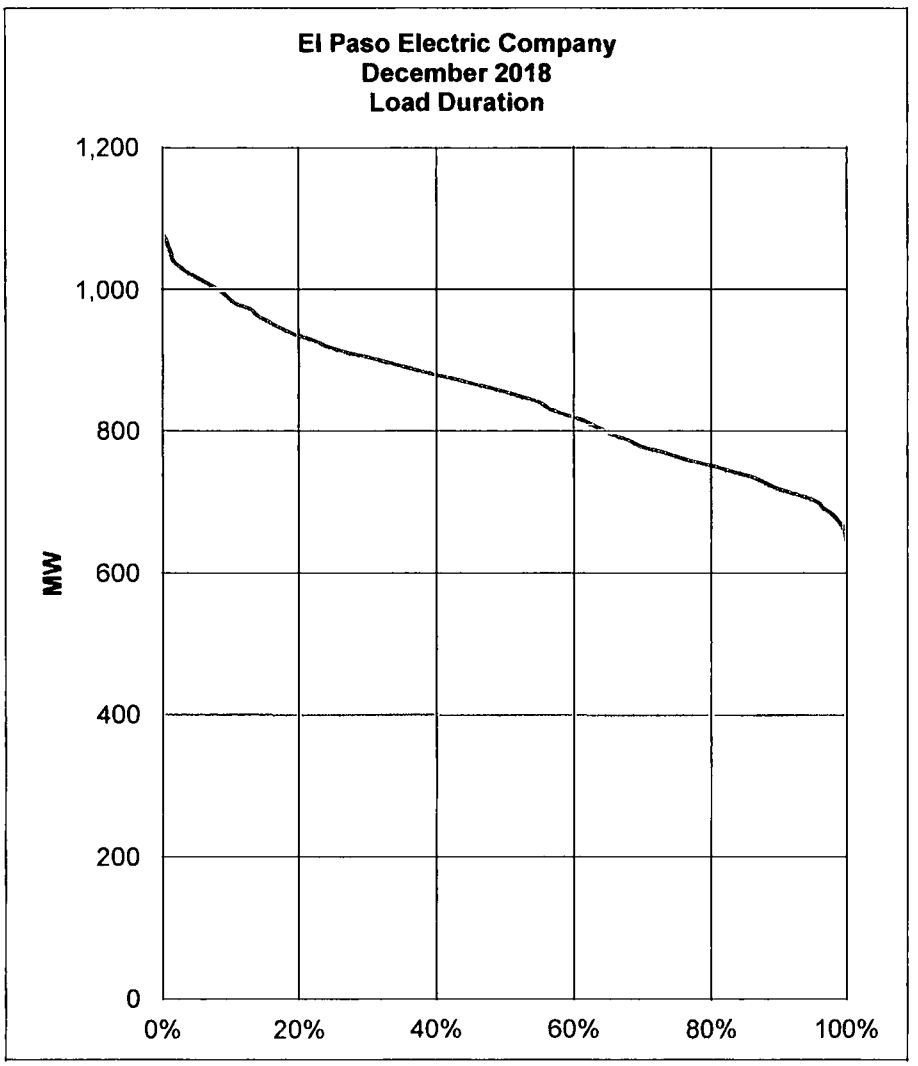

El Paso Electric Company
October 2018
Load Duration
MW
1,600
1,400
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

(a)	(b)	(c)	(d)	(e)	(f)	(g)
November-2018						
Total MWH =	576,606	Max =	1,083	Interval =	9 6	
Hours =	720	Min =	602	Load Fact =	73 95%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,083	2	2,166		2,166	0 37%	0 28%
1,073	1	1,073		3,239	0 56%	0 42%
1,064	1	1,064		4,303	0 74%	0 56%
1,054	3	3,163		7,466	1 29%	0 97%
1,045	0	0		7,466	1.29%	0.97%
1,035	1	1,035		8,501	1 47%	1 11%
1,025	1	1,025		9,526	1.64%	1 25%
1,016	2	2,032		11,558	1.99%	1.53%
1,006	1	1,006		12,564	2 17%	1 67%
997	5	4,983		17,547	3 03%	2 36%
987	8	7,896		25,443	4 39%	3 47%
977	7	6,842		32,285	5 57%	4 44%
968	6	5,807		38,092	6 57%	5 28%
958	9	8,624		46,715	8 06%	6 53%
949	19	18,023		64,739	11 16%	9 17%
939	11	10,329		75,068	12 94%	10 69%
929	15	13,941		89,009	15 35%	12 78%
920	13	11,957		100,966	17 41%	14 58%
910	16	14,563		115,529	19 92%	16 81%
901	14	12,608		128,138	22 09%	18 75%
891	14	12,474		140,612	24.25%	20 69%
881	21	18,509		159,121	27 44%	23 61%
872	22	19,180		178,301	30 74%	26 67%
862	22	18,968		197,269	34 02%	29 72%
853	37	31,546		228,815	39 45%	34 86%
843	52	43,836		272,651	47 01%	42 08%
833	38	31,669		304,321	52 47%	47 36%
824	20	16,476		320,797	55 31%	50 14%
814	16	13,027		333,824	57 56%	52 36%
805	11	8,851		342,674	59 09%	53.89%
795	22	17,490		360,164	62 10%	56 94%
785	19	14,923		375,087	64 68%	59 58%
776	9	6,982		382,069	65 88%	60 83%
766	18	13,792		395,861	68 26%	63 33%
757	23	17,402		413,263	71.26%	66 53%
747	18	13,446		426,709	73 58%	69 03%
737	13	9,586		436,295	75 23%	70 83%
728	23	16,739		453,034	78 12%	74 03%
718	35	25,137		478,171	82 45%	78 89%
709	17	12,046		490,217	84 53%	81 25%
699	19	13,281		503,498	86 82%	83 89%
689	16	11,030		514,529	88 72%	86 11%
680	17	11,557		526,085	90 71%	88 47%
670	18	12,064		538,149	92 79%	90 97%
661	19	12,551		550,700	94 96%	93 61%
651	14	9,114		559,814	96 53%	95 56%
641	12	7,697		567,511	97 86%	97 22%
632	7	4,423		571,934	98.62%	98.19%
622	7	4,355		576,289	99 37%	99 17%
613	4	2,450		578,740	99.79%	99 72%
603	2	1,206		579,946	100.00%	100 00%
Total	720	579,946				

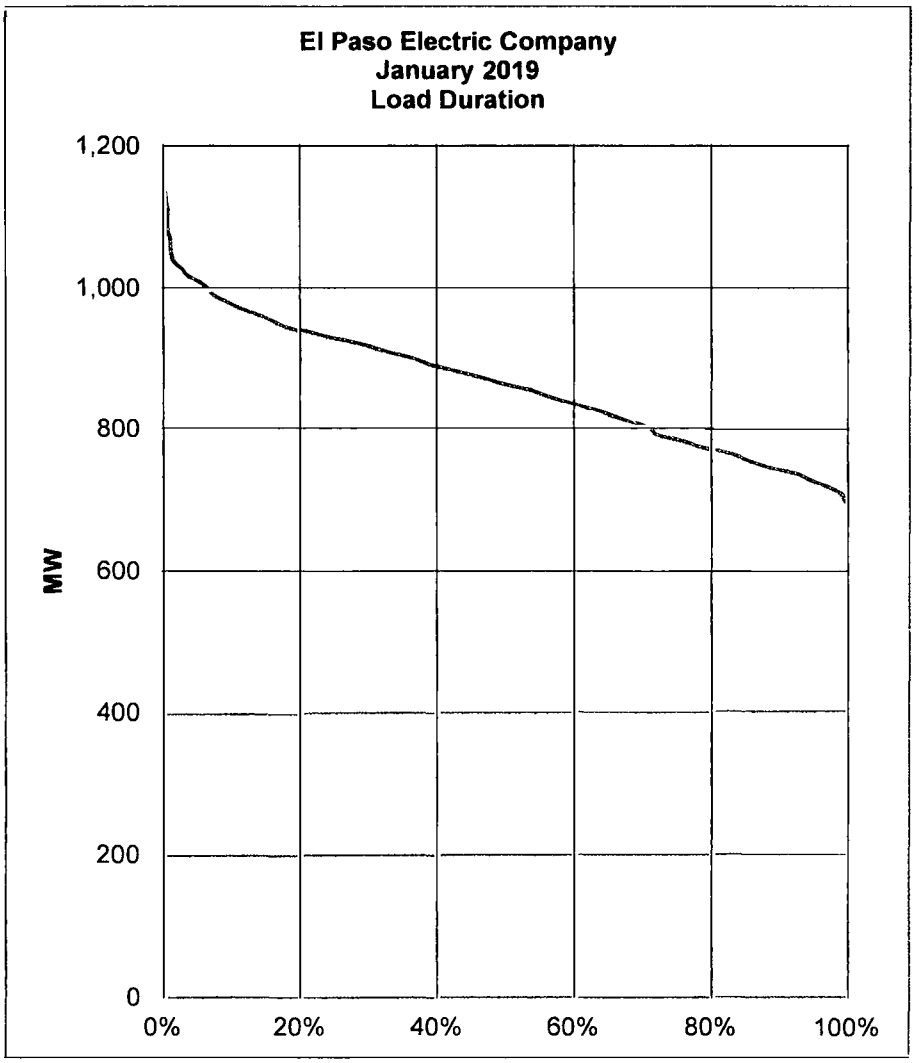

El Paso Electric Company
November 2018
Load Duration
MW
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12.6b: MONTHLY LOAD DURATION
SPONSOR: GEORGE NOVELA
PREPARER ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
December-2018						
Total MWH =	625,285	Max =	1,078	Interval =	8.8	
Hours =	744	Min =	636	Load Fact =	77.96%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,078	1	1,078		1,078	0 17%	0.13%
1,069	4	4,277		5,355	0.85%	0.67%
1,060	2	2,121		7,476	1 19%	0 94%
1,052	3	3,155		10,630	1.69%	1 34%
1,043	1	1,043		11,673	1.86%	1 48%
1,034	7	7,238		18,911	3.01%	2 42%
1,025	9	9,227		28,138	4.48%	3 63%
1,016	13	13,213		41,351	6.58%	5 38%
1,008	11	11,084		52,435	8 34%	6 85%
999	12	11,986		64,420	10 25%	8.47%
990	8	7,920		72,340	11 51%	9.54%
981	8	7,850		80,190	12 76%	10.62%
972	17	16,531		96,721	15 39%	12 90%
964	7	6,745		103,466	16 46%	13 84%
955	12	11,458		114,924	18 29%	15 46%
946	14	13,244		128,168	20.39%	17 34%
937	14	13,121		141,288	22 48%	19 22%
928	21	19,496		160,785	25 58%	22 04%
920	14	12,874		173,659	27 63%	23 92%
911	24	21,859		195,518	31 11%	27 15%
902	28	25,256		220,774	35 13%	30 91%
893	26	23,223		243,998	38 82%	34.41%
884	24	21,226		265,223	42 20%	37 63%
876	31	27,144		292,367	46 52%	41.80%
867	26	22,537		314,904	50 11%	45 30%
858	27	23,166		338,070	53 79%	48.92%
849	23	19,532		357,601	56.90%	52.02%
840	22	18,489		376,090	59 84%	54.97%
832	10	8,316		384,406	61 17%	56 32%
823	18	14,810		399,216	63 52%	58.74%
814	21	17,094		416,310	66.24%	61 56%
805	16	12,883		429,194	68 29%	63 71%
796	13	10,353		439,547	69 94%	65 46%
788	18	14,177		453,724	72 20%	67 88%
779	14	10,903		464,627	73 93%	69 76%
770	25	19,250		483,877	76 99%	73 12%
761	21	15,985		499,862	79 54%	75 94%
752	27	20,315		520,177	82 77%	79 57%
744	24	17,846		538,023	85 61%	82.80%
735	24	17,635		555,658	88.42%	86.02%
726	15	10,890		566,548	90 15%	88 04%
717	15	10,758		577,306	91 86%	90 05%
708	24	17,002		594,308	94 57%	93 28%
700	17	11,893		606,201	96 46%	95 56%
691	7	4,836		611,037	97 23%	96.51%
682	10	6,820		617,857	98 31%	97.85%
673	6	4,039		621,896	98 96%	98.66%
664	5	3,322		625,218	99.48%	99.33%
656	2	1,311		626,529	99 69%	99 60%
647	2	1,294		627,823	99 90%	99.87%
638	1	638		628,461	100 00%	100 00%
Total	744	628,461				

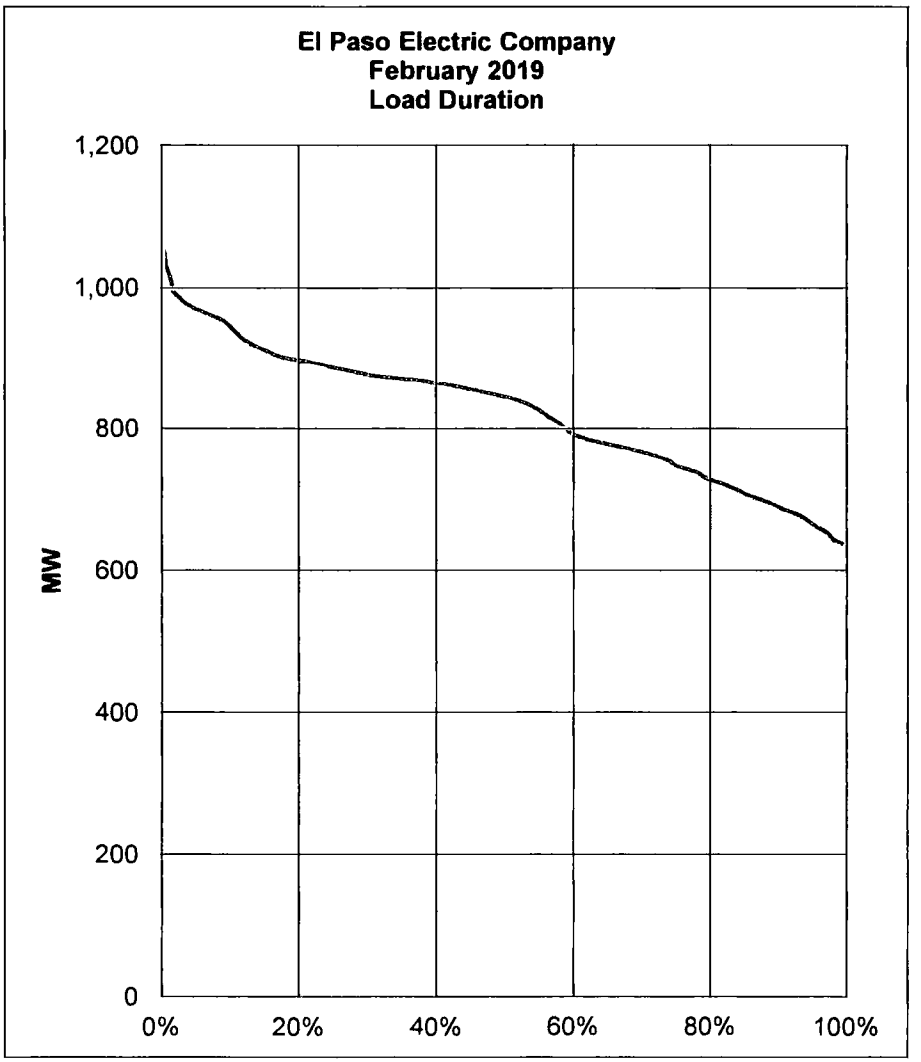

El Paso Electric Company
December 2018
Load Duration
MW
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

(a)	(b)	(c)	(d)	(e)	(f)	(g)
January-2019						
Total MWH =	633,891	Max =	1,140	Interval =	9 2	
Hours =	744	Min =	680	Load Fact =	74 74%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,140	1	1,140		1,140	0 18%	0 13%
1,131	1	1,131		2,271	0 36%	0 27%
1,122	1	1,122		3,392	0 53%	0 40%
1,112	1	1,112		4,505	0 71%	0 54%
1,103	0	0		4,505	0 71%	0 54%
1,094	0	0		4,505	0 71%	0 54%
1,085	1	1,085		5,590	0 88%	0.67%
1,076	2	2,151		7,741	1 21%	0.94%
1,066	1	1,066		8,807	1 38%	1.08%
1,057	0	0		8,807	1 38%	1.08%
1,048	1	1,048		9,855	1 55%	1.21%
1,039	3	3,116		12,972	2.04%	1 61%
1,030	8	8,237		21,208	3 33%	2 69%
1,020	6	6,122		27,331	4 29%	3.49%
1,011	13	13,146		40,476	6 35%	5.24%
1,002	9	9,018		49,494	7 76%	6 45%
993	6	5,957		55,451	8 70%	7 26%
984	13	12,787		68,238	10 71%	9 01%
974	14	13,642		81,880	12.85%	10 89%
965	18	17,374		99,253	15.57%	13 31%
956	18	17,208		116,461	18 27%	15 73%
947	15	14,202		130,663	20 50%	17 74%
938	24	22,502		153,166	24 03%	20 97%
928	27	25,067		178,232	27 96%	24 60%
919	33	30,334		208,566	32 72%	29.03%
910	22	20,020		228,586	35 86%	31 99%
901	29	26,123		254,709	39.96%	35 89%
892	21	18,724		273,433	42 90%	38 71%
882	27	23,825		297,258	46.63%	42 34%
873	29	25,323		322,580	50 61%	46 24%
864	24	20,736		343,316	53 86%	49 46%
855	30	25,644		368,960	57 88%	53.49%
846	20	16,912		385,872	60 54%	56 18%
836	24	20,074		405,946	63 69%	59 41%
827	29	23,989		429,935	67.45%	63 31%
818	18	14,724		444,659	69.76%	65 73%
809	20	16,176		460,835	72 30%	68 41%
800	19	15,192		476,027	74 68%	70 97%
790	7	5,533		481,560	75 55%	71 91%
781	28	21,874		503,434	78 98%	75 67%
772	22	16,984		520,418	81.64%	78 63%
763	30	22,884		543,302	85.24%	82 66%
754	19	14,318		557,620	87.48%	85.22%
744	21	15,632		573,252	89 93%	88.04%
735	31	22,791		596,044	93 51%	92 20%
726	16	11,616		607,660	95 33%	94 35%
717	18	12,902		620,562	97 36%	96 77%
708	15	10,614		631,176	99 02%	98.79%
698	4	2,794		633,970	99 46%	99 33%
689	5	3,446		637,416	100 00%	100 00%
680	0	0		637,416	100 00%	100 00%
Total	744	637,416				


El Paso Electric Company
January 2019
Load Duration
MW
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

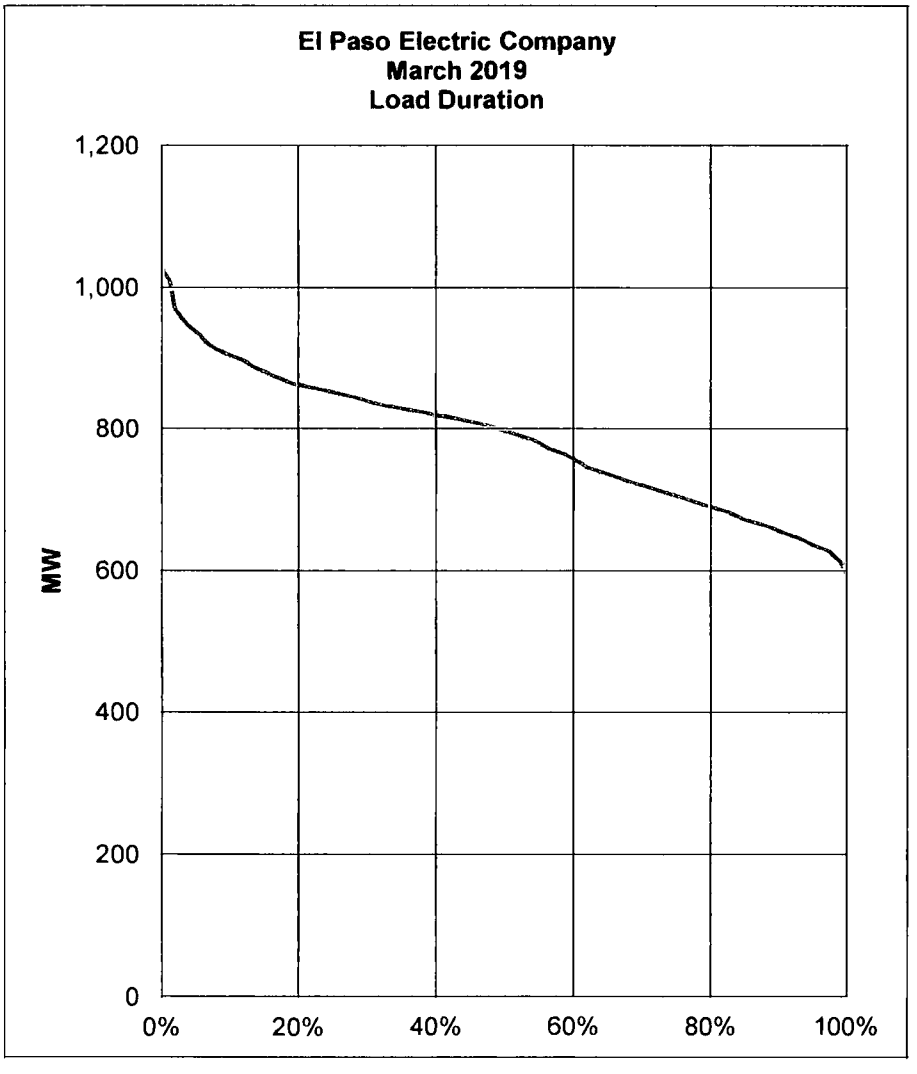
EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12 6b MONTHLY LOAD DURATION
SPONSOR. GEORGE NOVELA
PREPARER· ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
February-2019						
Total MWH =	546,100	Max =	1,057	Interval =	8 6	
Hours =	672	Min =	625	Load Fact =	76 88%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,057	1	1,057		1,057	0.19%	0 15%
1,048	1	1,048		2,105	0 38%	0 30%
1,040	1	1,040		3,145	0 57%	0 45%
1,031	1	1,031		4,176	0 76%	0.60%
1,023	2	2,045		6,222	1 13%	0.89%
1,014	2	2,028		8,250	1 50%	1 19%
1,005	1	1,005		9,255	1 68%	1 34%
997	1	997		10,252	1 86%	1 49%
988	6	5,929		16,181	2 94%	2 38%
980	6	5,878		22,059	4 01%	3 27%
971	10	9,710		31,769	5.77%	4 76%
962	14	13,474		45,242	8 22%	6 85%
954	13	12,399		57,642	10.48%	8 78%
945	7	6,616		64,258	11 68%	9 82%
937	6	5,620		69,878	12 70%	10 71%
928	6	5,568		75,446	13 71%	11 61%
919	10	9,194		84,640	15 38%	13 10%
911	14	12,751		97,391	17 70%	15.18%
902	16	14,435		111,826	20 32%	17 56%
894	31	27,702		139,528	25 36%	22 17%
885	27	23,895		163,423	29 70%	26.19%
876	30	26,292		189,715	34.48%	30.65%
868	55	47,729		237,444	43 15%	38 84%
859	32	27,494		264,938	48 15%	43 60%
851	27	22,966		287,904	52 32%	47.62%
842	25	21,050		308,954	56 15%	51 34%
833	15	12,501		321,455	58 42%	53.57%
825	11	9,073		330,528	60 07%	55 21%
816	8	6,530		337,058	61 25%	56 40%
808	10	8,076		345,134	62.72%	57 89%
799	6	4,794		349,928	63 59%	58 78%
790	9	7,114		357,041	64 88%	60 12%
782	22	17,200		374,241	68 01%	63 39%
773	28	21,650		395,890	71 94%	67 56%
765	23	17,586		413,476	75.14%	70 98%
756	19	14,364		427,840	77 75%	73 81%
747	9	6,727		434,567	78 97%	75 15%
739	19	14,037		448,604	81 52%	77.98%
730	9	6,572		455,176	82 72%	79 32%
722	18	12,989		468,165	85 08%	81 99%
713	14	9,982		478,147	86 89%	84 08%
704	15	10,566		488,713	88 81%	86 31%
696	16	11,133		499,845	90 84%	88.69%
687	13	8,934		508,779	92 46%	90 63%
679	16	10,858		519,637	94 43%	93 01%
670	9	6,030		525,667	95 53%	94 35%
661	9	5,953		531,619	96 61%	95 68%
653	11	7,181		538,800	97 91%	97 32%
644	5	3,221		542,021	98 50%	98 07%
636	12	7,627		549,648	99 89%	99 85%
627	1	627		550,275	100.00%	100 00%
Total	672	550,275				


El Paso Electric Company
February 2019
Load Duration
MW
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

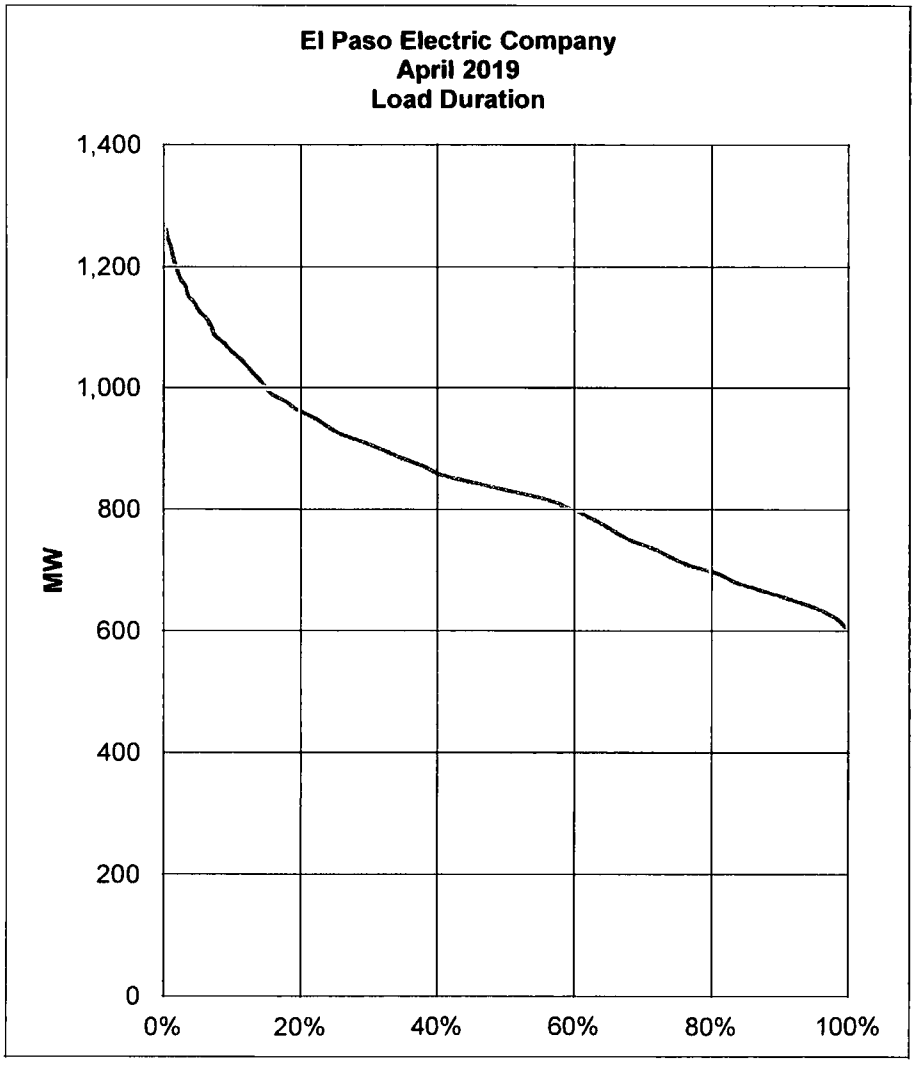
EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12 6b: MONTHLY LOAD DURATION
SPONSOR: GEORGE NOVELA
PREPARER: ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
March-2019						
Total MWH =	577,498	Max =	1,033	Interval =	9	
Hours =	744	Min =	584	Load Fact =	75 14%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,033	1	1,033		1,033	0 18%	0 13%
1,024	1	1,024		2,057	0 35%	0 27%
1,015	5	5,075		7,132	1.23%	0 94%
1,006	3	3,018		10,150	1 75%	1 34%
997	1	997		11,147	1 92%	1 48%
988	1	988		12,135	2 09%	1 61%
979	1	979		13,114	2.26%	1 75%
970	2	1,940		15,054	2 59%	2 02%
961	5	4,805		19,859	3 42%	2.69%
952	5	4,760		24,619	4 24%	3 36%
943	7	6,601		31,220	5 38%	4 30%
934	9	8,406		39,626	6 83%	5 51%
925	6	5,550		45,176	7 78%	6 32%
916	9	8,244		53,420	9 20%	7 53%
907	14	12,698		66,118	11 39%	9.41%
898	18	16,164		82,282	14 17%	11.83%
889	11	9,779		92,061	15 86%	13 31%
880	17	14,960		107,021	18 44%	15 59%
871	17	14,807		121,828	20 99%	17.88%
862	19	16,378		138,206	23 81%	20 43%
853	31	26,443		164,649	28 36%	24 60%
844	28	23,632		188,281	32 43%	28 36%
835	24	20,040		208,321	35 89%	31 59%
826	36	29,736		238,057	41 01%	36 42%
817	39	31,863		269,920	46 50%	41 67%
808	32	25,856		295,776	50 95%	45 97%
799	24	19,176		314,952	54 26%	49.19%
790	22	17,380		332,332	57 25%	52.15%
781	19	14,839		347,171	59 81%	54 70%
772	12	9,264		356,435	61 40%	56 32%
763	18	13,734		370,169	63 77%	58 74%
754	13	9,802		379,971	65 46%	60 48%
745	13	9,685		389,656	67.13%	62 23%
736	21	15,456		405,112	69.79%	65 05%
727	20	14,540		419,652	72 29%	67 74%
718	22	15,796		435,448	75 01%	70 70%
709	23	16,307		451,755	77 82%	73.79%
700	21	14,700		466,455	80.36%	76 61%
691	21	14,511		480,966	82 86%	79.44%
682	23	15,686		496,652	85 56%	82 53%
673	16	10,768		507,420	87.41%	84 68%
664	24	15,936		523,356	90 16%	87 90%
655	18	11,790		535,146	92 19%	90 32%
646	20	12,920		548,066	94 41%	93 01%
637	14	8,918		556,984	95 95%	94 89%
628	18	11,304		568,288	97 90%	97 31%
619	8	4,952		573,240	98 75%	98 39%
610	7	4,270		577,510	99.49%	99 33%
601	2	1,202		578,712	99.69%	99 60%
592	3	1,776		580,488	100 00%	100 00%
583	0	0		580,488	100.00%	100 00%
Total	744	580,488				


El Paso Electric Company
March 2019
Load Duration
MW
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

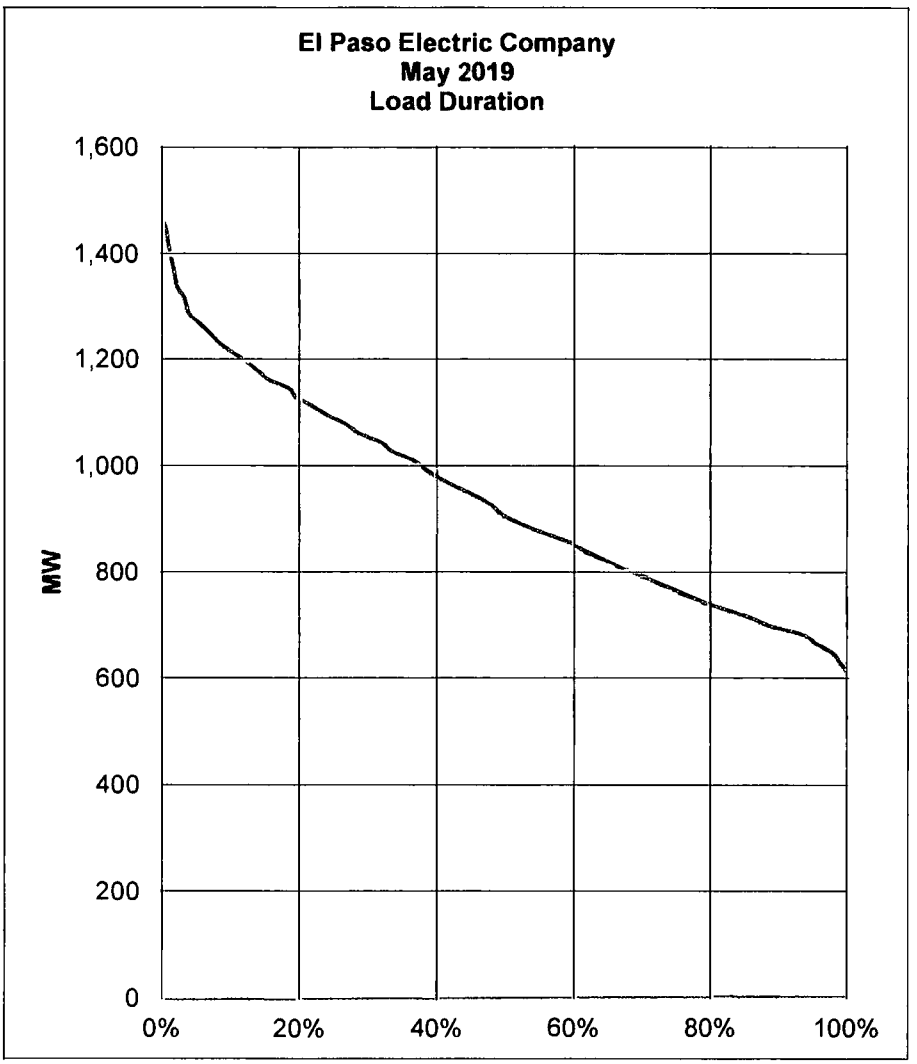
EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12.6b. MONTHLY LOAD DURATION
SPONSOR GEORGE NOVELA
PREPARER ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
April-2019						
Total MWH =	596,637	Max =	1,262	Interval =	13 5	
Hours =	720	Min =	585	Load Fact =	65 66%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,262	2	2,524		2,524	0 42%	0.28%
1,249	2	2,497		5,021	0 83%	0 56%
1,235	3	3,705		8,726	1 45%	0 97%
1,222	2	2,443		11,169	1 86%	1 25%
1,208	2	2,416		13,585	2.26%	1 53%
1,195	3	3,584		17,169	2 85%	1 94%
1,181	3	3,543		20,712	3 44%	2 36%
1,168	6	7,005		27,717	4 61%	3 19%
1,154	2	2,308		30,025	4 99%	3 47%
1,141	7	7,984		38,008	6 32%	4 44%
1,127	5	5,635		43,643	7 26%	5 14%
1,114	8	8,908		52,551	8 74%	6.25%
1,100	5	5,500		58,051	9 65%	6.94%
1,087	3	3,260		61,311	10.19%	7 36%
1,073	10	10,730		72,041	11.98%	8 75%
1,060	8	8,476		80,517	13 39%	9 86%
1,046	10	10,460		90,977	15 12%	11 25%
1,033	8	8,260		99,237	16 50%	12 36%
1,019	8	8,152		107,389	17 85%	13 47%
1,006	8	8,044		115,433	19 19%	14 58%
992	7	6,944		122,377	20 34%	15 56%
979	16	15,656		138,033	22 95%	17 78%
965	12	11,580		149,613	24 87%	19 44%
952	18	17,127		166,740	27 72%	21 94%
938	13	12,194		178,934	29 75%	23 75%
925	15	13,868		192,801	32 05%	25 83%
911	24	21,864		214,665	35.69%	29 17%
898	21	18,848		233,513	38.82%	32 08%
884	20	17,680		251,193	41 76%	34 86%
871	23	20,022		271,214	45 09%	38.06%
857	17	14,569		285,783	47.51%	40 42%
844	35	29,523		315,306	52 42%	45.28%
830	37	30,710		346,016	57 52%	50 42%
817	38	31,027		377,043	62 68%	55 69%
803	24	19,272		396,315	65 89%	59 03%
790	20	15,790		412,105	68.51%	61 81%
776	17	13,192		425,297	70 70%	64 17%
763	14	10,675		435,972	72.48%	66 11%
749	16	11,984		447,956	74 47%	68 33%
736	24	17,652		465,608	77 41%	71 67%
722	17	12,274		477,882	79 45%	74 03%
709	19	13,462		491,343	81 68%	76 67%
695	30	20,850		512,193	85 15%	80 83%
682	17	11,586		523,779	87 08%	83 19%
668	26	17,368		541,147	89 96%	86 81%
655	29	18,981		560,127	93 12%	90 83%
641	26	16,666		576,793	95 89%	94 44%
628	20	12,550		589,343	97 98%	97 22%
614	13	7,982		597,325	99 30%	99 03%
601	6	3,603		600,928	99 90%	99 86%
587	1	587		601,515	100 00%	100 00%
Total	720	601,515				


El Paso Electric Company
April 2019
Load Duration
MW
1,400
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

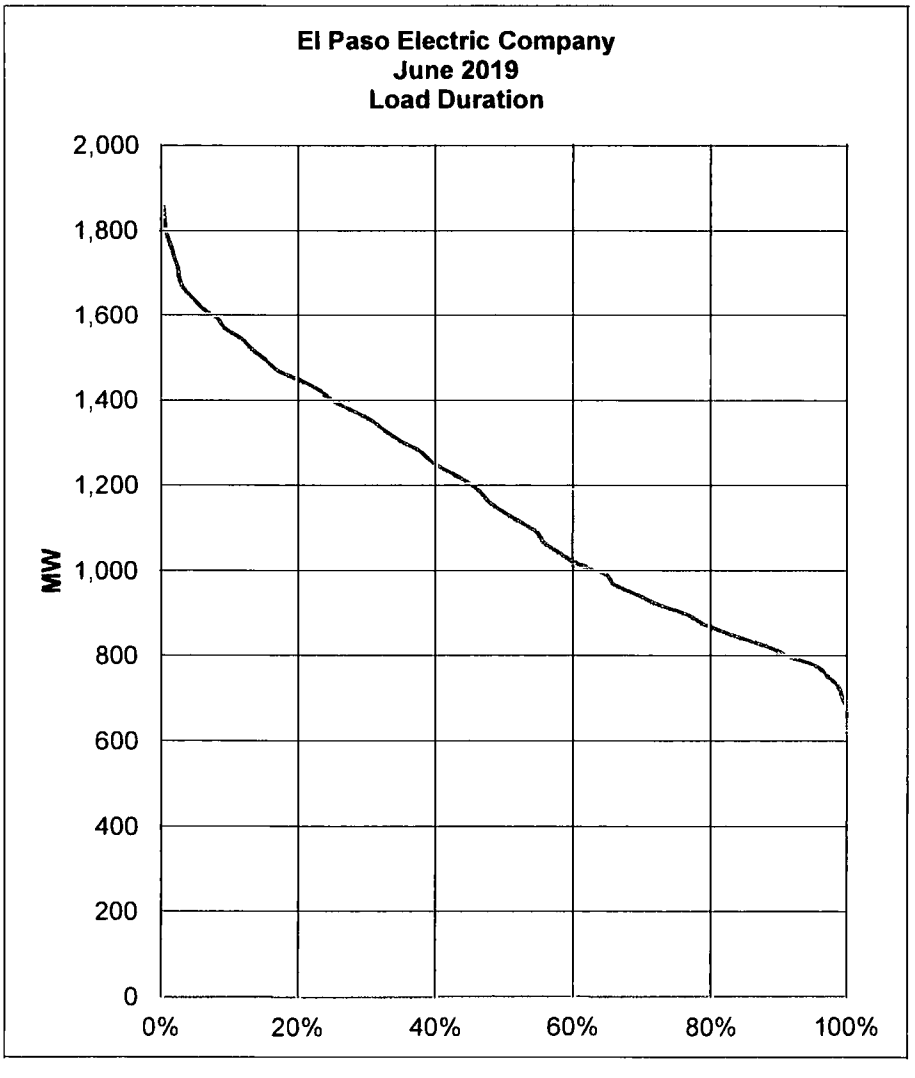
EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12.6b. MONTHLY LOAD DURATION
SPONSOR· GEORGE NOVELA
PREPARER ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
May-2019						
Total MWH =	684,199	Max =	1,460	Interval =	17 3	
Hours =	744	Min =	593	Load Fact =	62 99%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,460	3	4,380		4,380	0.63%	0.40%
1,443	3	4,328		8,708	1 26%	0.81%
1,425	1	1,425		10,134	1 47%	0 94%
1,408	2	2,816		12,950	1 87%	1.21%
1,391	2	2,782		15,731	2.28%	1.48%
1,374	2	2,747		18,478	2 68%	1 75%
1,356	2	2,712		21,191	3.07%	2 02%
1,339	2	2,678		23,869	3 46%	2.28%
1,322	7	9,251		33,120	4 80%	3.23%
1,304	3	3,913		37,033	5 36%	3.63%
1,287	3	3,861		40,894	5 92%	4.03%
1,270	11	13,967		54,860	7.94%	5 51%
1,252	10	12,524		67,384	9 76%	6 85%
1,235	9	11,116		78,500	11 37%	8 06%
1,218	14	17,049		95,549	13.83%	9.95%
1,201	15	18,008		113,557	16 44%	11 96%
1,183	13	15,382		128,939	18 67%	13.71%
1,166	13	15,157		144,095	20 86%	15 46%
1,149	23	26,418		170,513	24.69%	18.55%
1,131	8	9,050		179,563	26.00%	19 62%
1,114	17	18,938		198,501	28.74%	21.91%
1,097	16	17,547		216,049	31 28%	24 06%
1,079	20	21,588		237,637	34 41%	26.75%
1,062	14	14,869		252,506	36.56%	28 63%
1,045	24	25,075		277,581	40.19%	31.85%
1,028	12	12,330		289,911	41.98%	33 47%
1,010	23	23,235		313,146	45 34%	36 56%
993	13	12,908		326,054	47 21%	38 31%
976	17	16,585		342,639	49.61%	40 59%
958	19	18,208		360,846	52 25%	43 15%
941	21	19,761		380,607	55 11%	45 97%
924	16	14,779		395,387	57.25%	48 12%
906	11	9,970		405,357	58 69%	49 60%
889	21	18,671		424,028	61 39%	52.42%
872	25	21,795		445,823	64 55%	55 78%
855	28	23,926		469,749	68 01%	59 54%
837	17	14,232		483,982	70.07%	61 83%
820	25	20,498		504,479	73.04%	65 19%
803	20	16,052		520,531	75 37%	67.88%
785	25	19,633		540,164	78 21%	71 24%
768	23	17,664		557,828	80 77%	74 33%
751	22	16,515		574,343	83 16%	77 28%
733	27	19,802		594,145	86 02%	80 91%
716	34	24,347		618,492	89 55%	85 48%
699	23	16,072		634,565	91 88%	88.58%
682	37	25,216		659,780	95 53%	93 55%
664	15	9,963		669,743	96.97%	95.56%
647	18	11,644		681,387	98.66%	97 98%
630	7	4,407		685,794	99 29%	98 92%
612	7	4,286		690,081	99.91%	99 87%
595	1	595		690,676	100 00%	100 00%
Total	744	690,676				

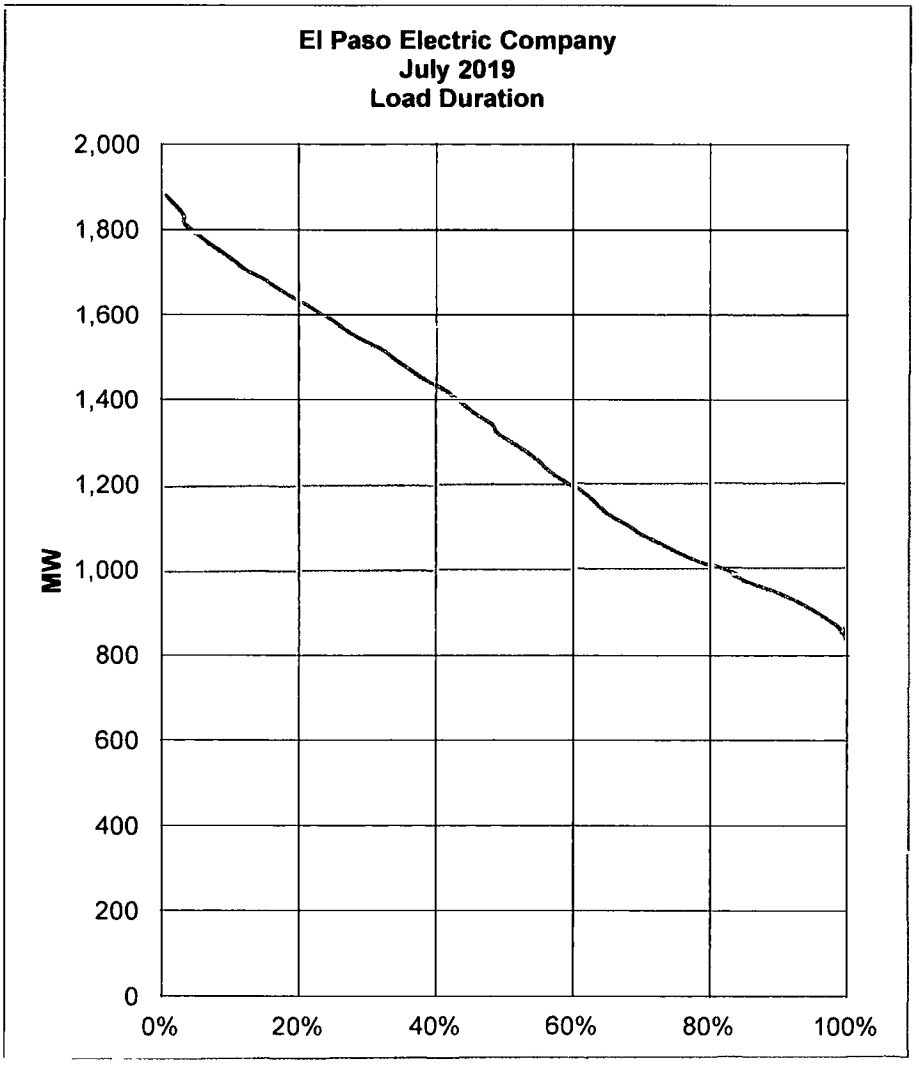

El Paso Electric Company
May 2019
Load Duration
MW
1,600
1,400
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12 6b: MONTHLY LOAD DURATION
SPONSOR: GEORGE NOVELA
PREPARER. ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
June-2019						
Total MWH =	820,762	Max =	1,856	Interval =	24	
Hours =	720	Min =	658	Load Fact =	61 42%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,856	2	3,712		3,712	0 45%	0.28%
1,832	1	1,832		5,544	0 67%	0.42%
1,808	2	3,616		9,160	1 10%	0 69%
1,784	2	3,568		12,728	1 54%	0 97%
1,760	4	7,040		19,768	2 38%	1 53%
1,736	3	5,208		24,976	3 01%	1.94%
1,712	4	6,848		31,824	3 84%	2 50%
1,688	1	1,688		33,512	4 04%	2 64%
1,664	5	8,320		41,832	5 05%	3 33%
1,640	10	16,400		58,232	7.02%	4 72%
1,616	10	16,160		74,392	8 97%	6 11%
1,592	15	23,880		98,272	11 85%	8 19%
1,568	8	12,544		110,816	13 37%	9 31%
1,544	17	26,248		137,064	16 53%	11 67%
1,520	11	16,720		153,784	18 55%	13 19%
1,496	14	20,944		174,728	21 08%	15 14%
1,472	13	19,136		193,864	23 38%	16.94%
1,448	23	33,304		227,168	27 40%	20 14%
1,424	21	29,904		257,072	31.01%	23 06%
1,400	14	19,600		276,672	33.37%	25 00%
1,376	20	27,520		304,192	36 69%	27 78%
1,352	21	28,392		332,584	40.12%	30 69%
1,328	14	18,592		351,176	42 36%	32 64%
1,304	16	20,864		372,040	44 88%	34 86%
1,280	20	25,600		397,640	47 96%	37 64%
1,256	12	15,072		412,712	49 78%	39 31%
1,232	19	23,408		436,120	52.61%	41 94%
1,208	19	22,952		459,072	55.37%	44.58%
1,184	13	15,392		474,464	57 23%	46.39%
1,160	10	11,600		486,064	58 63%	47 78%
1,136	15	17,040		503,104	60 69%	49 86%
1,112	18	20,016		523,120	63 10%	52 36%
1,088	17	18,496		541,616	65 33%	54 72%
1,064	8	8,512		550,128	66 36%	55 83%
1,040	16	16,640		566,768	68.37%	58.06%
1,016	18	18,288		585,056	70 57%	60 56%
992	30	29,760		614,816	74 16%	64 72%
968	9	8,712		623,528	75.21%	65 97%
944	24	22,656		646,184	77 94%	69 31%
920	23	21,160		667,344	80 50%	72 50%
896	30	26,880		694,224	83.74%	76 67%
872	19	16,568		710,792	85.74%	79.31%
848	28	23,744		734,536	88 60%	83 19%
824	33	27,192		761,728	91.88%	87 78%
800	26	20,800		782,528	94 39%	91 39%
776	29	22,504		805,032	97 11%	95 42%
752	13	9,776		814,808	98 28%	97 22%
728	11	8,008		822,816	99 25%	98.75%
704	4	2,816		825,632	99 59%	99 31%
680	5	3,400		829,032	100 00%	100 00%
656	0	0		829,032	100 00%	100 00%
Total	720	829,032				

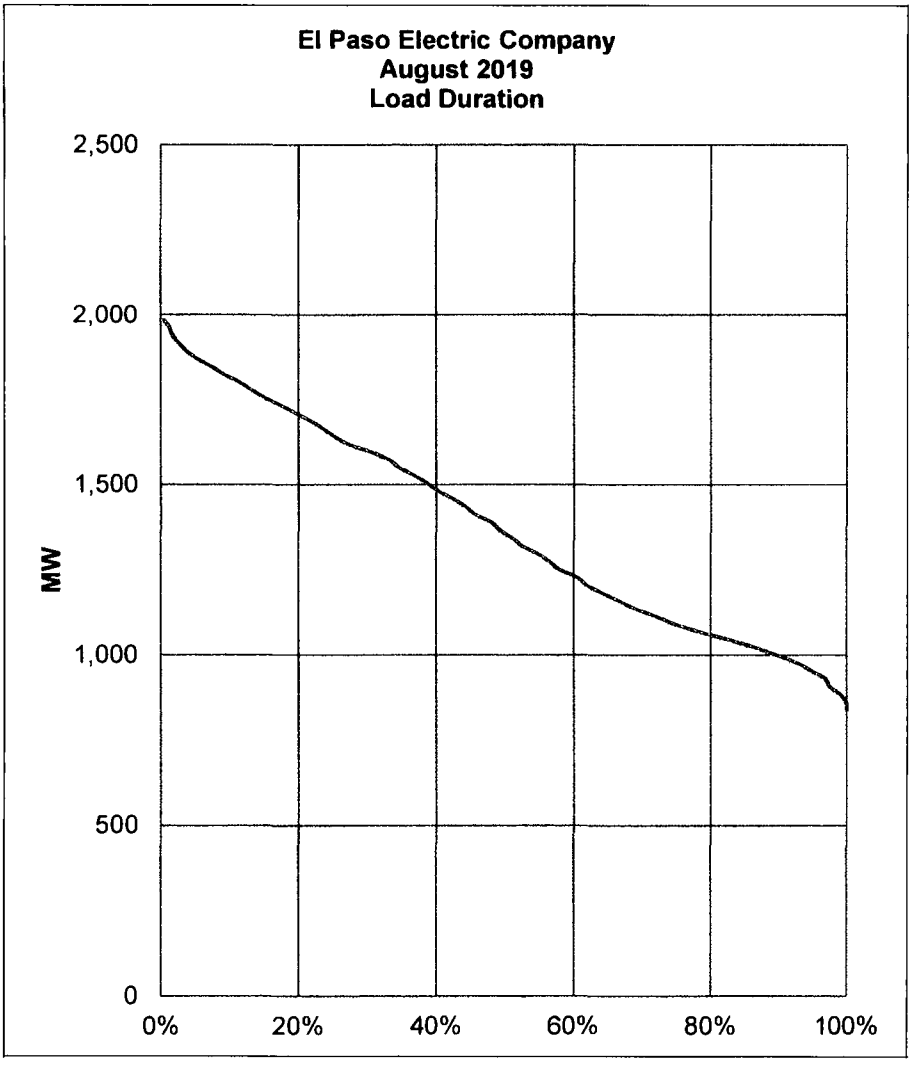

El Paso Electric Company
June 2019
Load Duration
MW
2,000
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

(a)	(b)	(c)	(d)	(e)	(f)	(g)
July-2019						
Total MWH =	969,030	Max =	1,885	Interval =	21.7	
Hours =	744	Min =	800	Load Fact =	69 10%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,885	4	7,540		7,540	0 77%	0 54%
1,863	9	16,770		24,310	2 49%	1 75%
1,842	9	16,574		40,884	4 18%	2 96%
1,820	2	3,640		44,524	4.56%	3 23%
1,798	12	21,578		66,102	6 77%	4 84%
1,777	13	23,095		89,197	9.13%	6.59%
1,755	14	24,567		113,764	11.65%	8 47%
1,733	14	24,263		138,027	14 13%	10 35%
1,711	13	22,248		160,276	16 41%	12 10%
1,690	20	33,794		194,070	19 87%	14 78%
1,668	16	26,688		220,758	22 60%	16 94%
1,646	16	26,341		247,098	25 29%	19.09%
1,625	17	27,618		274,717	28 12%	21 37%
1,603	14	22,441		297,157	30 42%	23 25%
1,581	15	23,718		320,875	32 85%	25.27%
1,560	13	20,274		341,149	34 92%	27 02%
1,538	17	26,143		367,291	37.60%	29 30%
1,516	21	31,838		399,129	40.86%	32 12%
1,494	13	19,427		418,557	42.84%	33.87%
1,473	14	20,618		439,174	44.95%	35.75%
1,451	15	21,765		460,939	47.18%	37.77%
1,429	21	30,015		490,955	50 26%	40.59%
1,408	14	19,706		510,661	52 27%	42 47%
1,386	12	16,631		527,292	53 97%	44 09%
1,364	13	17,735		545,027	55 79%	45 83%
1,343	16	21,480		566,507	57.99%	47 98%
1,321	6	7,925		574,431	58 80%	48 79%
1,299	16	20,786		595,217	60.93%	50.94%
1,277	15	19,161		614,378	62 89%	52 96%
1,256	13	16,324		630,702	64 56%	54 70%
1,234	11	13,574		644,276	65 95%	56 18%
1,212	14	16,972		661,248	67.69%	58 06%
1,191	16	19,050		680,298	69 64%	60.22%
1,169	15	17,534		697,831	71 43%	62.23%
1,147	10	11,472		709,303	72 61%	63.58%
1,126	12	13,506		722,809	73 99%	65 19%
1,104	19	20,972		743,782	76 13%	67 74%
1,082	15	16,232		760,013	77 80%	69.76%
1,060	21	22,268		782,281	80 08%	72 58%
1,039	20	20,774		803,055	82 20%	75.27%
1,017	22	22,374		825,429	84 49%	78 23%
995	30	29,859		855,288	87 55%	82 26%
974	24	23,366		878,655	89 94%	85 48%
952	28	26,653		905,308	92 67%	89 25%
930	23	21,395		926,703	94 86%	92 34%
908	19	17,262		943,964	96.63%	94 89%
887	16	14,189		958,153	98.08%	97 04%
865	14	12,111		970,264	99 32%	98 92%
843	4	3,374		973,638	99 66%	99 46%
822	4	3,287		976,925	100.00%	100.00%
800	0	0		976,925	100.00%	100.00%
Total	744	976,925				


El Paso Electric Company
July 2019
Load Duration
MW
2,000
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

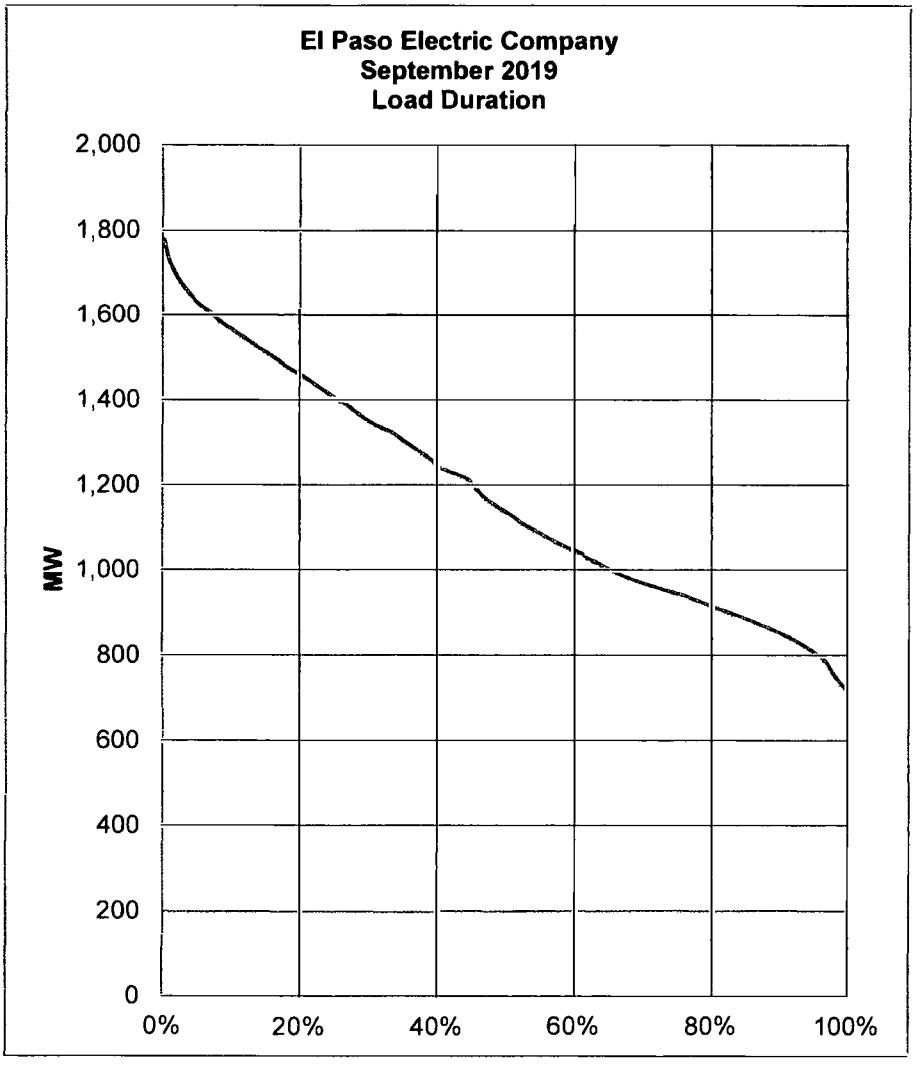
EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12.6b· MONTHLY LOAD DURATION
SPONSOR GEORGE NOVELA
PREPARER. ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
August-2019						
Total MWH =	1,009,645	Max =	1,985	Interval =	22 9	
Hours =	744	Min =	839	Load Fact =	68 37%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,985	3	5,955		5,955	0 58%	0 40%
1,962	6	11,773		17,728	1 74%	1 21%
1,939	3	5,818		23,545	2 31%	1 61%
1,916	7	13,414		36,959	3 63%	2 55%
1,893	8	15,147		52,107	5.12%	3 63%
1,871	12	22,446		74,553	7.32%	5.24%
1,848	16	29,562		104,114	10.23%	7 39%
1,825	13	23,721		127,835	12 56%	9 14%
1,802	17	30,631		158,466	15 56%	11 42%
1,779	13	23,126		181,592	17 84%	13 17%
1,756	15	26,340		207,932	20 42%	15 19%
1,733	18	31,196		239,127	23 49%	17 61%
1,710	15	25,653		264,780	26 01%	19 62%
1,687	17	28,684		293,464	28 82%	21 91%
1,664	13	21,637		315,102	30 95%	23 66%
1,642	12	19,698		334,800	32 88%	25 27%
1,619	15	24,279		359,079	35 27%	27 28%
1,596	25	39,893		398,971	39 19%	30 65%
1,573	19	29,883		428,854	42 12%	33 20%
1,550	11	17,049		445,903	43 80%	34 68%
1,527	16	24,432		470,335	46 19%	36 83%
1,504	14	21,057		491,393	48 26%	38 71%
1,481	12	17,774		509,167	50 01%	40 32%
1,458	16	23,333		532,500	52 30%	42 47%
1,435	13	18,660		551,160	54.13%	44 22%
1,413	11	15,538		566,698	55.66%	45 70%
1,390	17	23,623		590,321	57 98%	47 98%
1,367	9	12,300		602,621	59 19%	49 19%
1,344	14	18,813		621,434	61 04%	51 08%
1,321	10	13,209		634,643	62 33%	52 42%
1,298	17	22,066		656,709	64 50%	54 70%
1,275	13	16,576		673,285	66.13%	56 45%
1,252	10	12,522		685,807	67.36%	57 80%
1,229	19	23,357		709,164	69 65%	60 35%
1,206	11	13,270		722,435	70 96%	61 83%
1,184	17	20,119		742,554	72 93%	64 11%
1,161	17	19,730		762,284	74 87%	66 40%
1,138	18	20,479		782,763	76 88%	68 82%
1,115	23	25,640		808,403	79.40%	71 91%
1,092	21	22,930		831,333	81 65%	74 73%
1,069	26	27,794		859,127	84 38%	78 23%
1,046	32	33,475		892,602	87 67%	82 53%
1,023	29	29,673		922,275	90 58%	86 42%
1,000	23	23,007		945,282	92 84%	89 52%
977	23	22,480		967,762	95 05%	92 61%
954	15	14,317		982,080	96 46%	94 62%
932	16	14,906		996,985	97 92%	96 77%
909	5	4,543		1,001,529	98 37%	97 45%
886	11	9,744		1,011,273	99 32%	98 92%
863	7	6,040		1,017,313	99 92%	99 87%
840	1	840		1,018,153	100 00%	100 00%
Total	744	1,018,153				

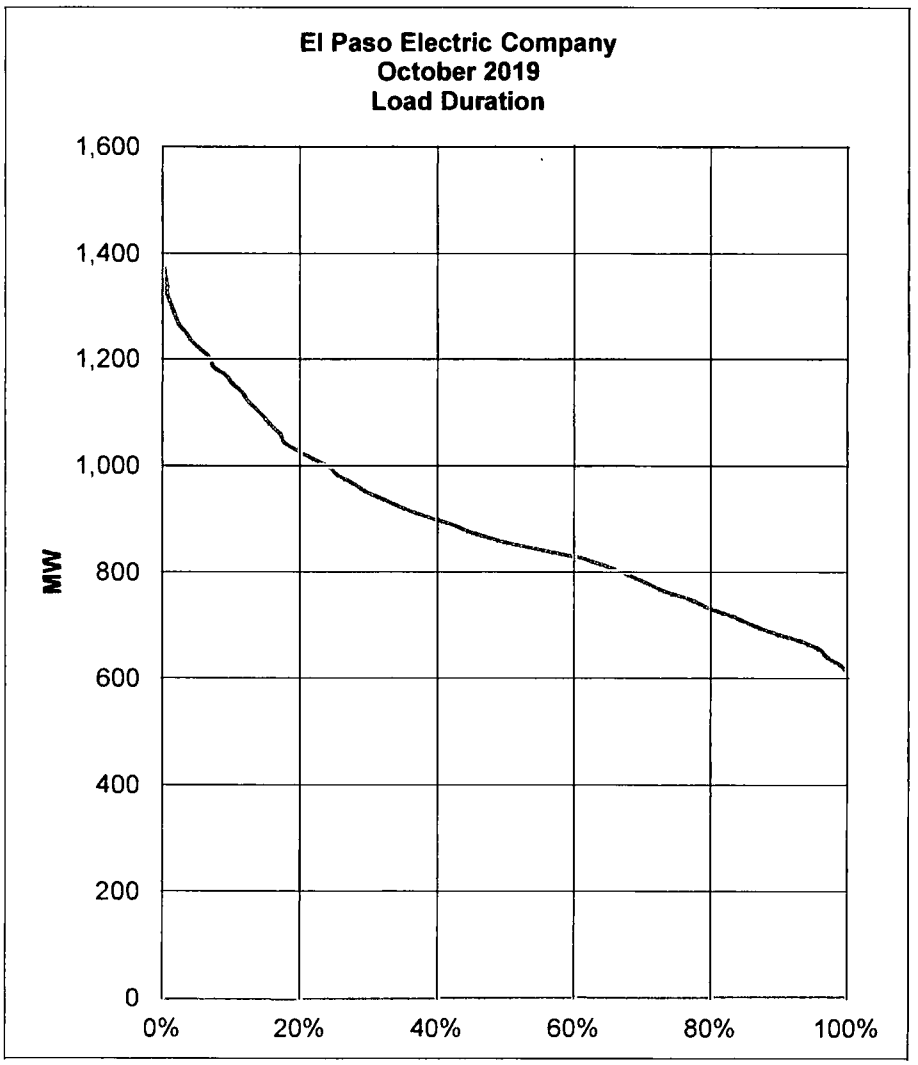

El Paso Electric Company
August 2019
Load Duration
MW
2,500
2,000
1,500
1,000
500
0
0%
20%
40%
60%
80%
100%

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12.6b: MONTHLY LOAD DURATION
SPONSOR. GEORGE NOVELA
PREPARER ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

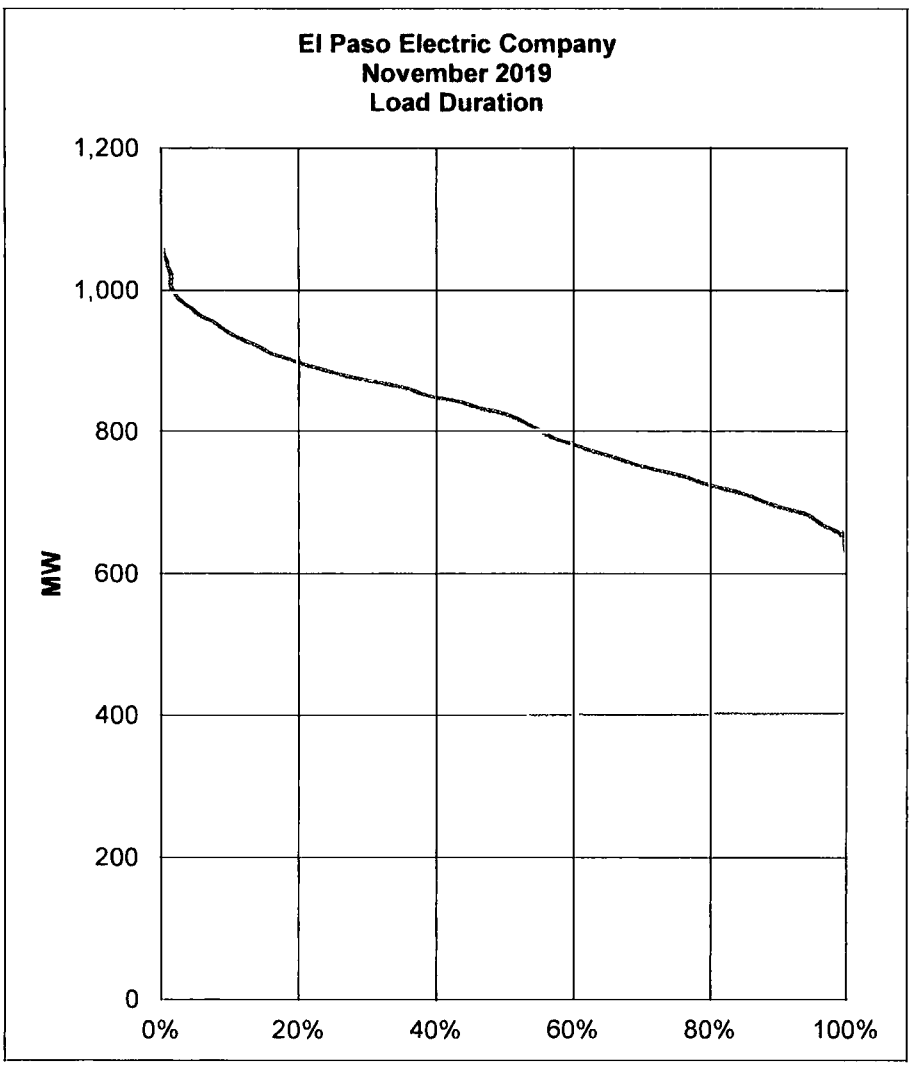
(a)	(b)	(c)	(d)	(e)	(f)	(g)
September-2019						
Total MWH =	832,272	Max =	1,775	Interval =	21 5	
Hours =	720	Min =	700	Load Fact =	65 12%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,775	2	3,550		3,550	0 42%	0 28%
1,754	2	3,507		7,057	0 84%	0 56%
1,732	2	3,464		10,521	1 25%	0 83%
1,711	4	6,842		17,363	2.07%	1 39%
1,689	5	8,445		25,808	3 07%	2 08%
1,668	6	10,005		35,813	4 26%	2 92%
1,646	8	13,168		48,981	5 83%	4 03%
1,625	8	12,996		61,977	7 38%	5 14%
1,603	13	20,839		82,816	9 86%	6 94%
1,582	10	15,815		98,631	11 75%	8 33%
1,560	14	21,840		120,471	14 35%	10 28%
1,539	14	21,539		142,010	16 91%	12.22%
1,517	14	21,238		163,248	19.44%	14.17%
1,496	17	25,424		188,672	22.47%	16.53%
1,474	12	17,688		206,360	24.57%	18 19%
1,453	17	24,693		231,052	27 51%	20 56%
1,431	14	20,034		251,086	29 90%	22 50%
1,410	14	19,733		270,819	32 25%	24 44%
1,388	16	22,208		293,027	34 89%	26 67%
1,367	12	16,398		309,425	36 85%	28 33%
1,345	14	18,830		328,255	39 09%	30.28%
1,324	22	29,117		357,372	42.56%	33 33%
1,302	13	16,926		374,298	44 57%	35 14%
1,281	14	17,927		392,225	46.71%	37 08%
1,259	14	17,626		409,851	48 81%	39 03%
1,238	11	13,613		423,464	50 43%	40 56%
1,216	25	30,400		453,864	54 05%	44 03%
1,195	10	11,945		465,809	55.47%	45 42%
1,173	9	10,557		476,366	56.73%	46 67%
1,152	13	14,970		491,335	58.51%	48 47%
1,130	16	18,080		509,415	60 66%	50.69%
1,109	13	14,411		523,826	62 38%	52 50%
1,087	18	19,566		543,392	64 71%	55.00%
1,066	17	18,114		561,505	66 86%	57 36%
1,044	20	20,880		582,385	69 35%	60.14%
1,023	18	18,405		600,790	71 54%	62 64%
1,001	19	19,019		619,809	73 81%	65 28%
980	20	19,590		639,399	76 14%	68 06%
958	29	27,782		667,181	79 45%	72.08%
937	32	29,968		697,149	83 02%	76.53%
915	25	22,875		720,024	85.74%	80.00%
894	28	25,018		745,042	88 72%	83.89%
872	24	20,928		765,970	91 21%	87 22%
851	22	18,711		784,681	93 44%	90 28%
829	20	16,580		801,261	95 41%	93 06%
808	15	12,113		813,374	96 86%	95 14%
786	12	9,432		822,806	97 98%	96 81%
765	6	4,587		827,393	98 53%	97 64%
743	7	5,201		832,594	99 15%	98 61%
722	8	5,772		838,366	99 83%	99 72%
700	2	1,400		839,766	100 00%	100 00%
Total	720	839765 5				


El Paso Electric Company
September 2019
Load Duration
MW
2,000
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

(a)	(b)	(c)	(d)	(e)	(f)	(g)
October-2019						
Total MWH =	648,894	Max =	1,373	Interval =	15 6	
Hours =	744	Min =	594	Load Fact =	63.52%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,373	2	2,746		2,746	0 42%	0.27%
1,357	1	1,357		4,103	0 63%	0.40%
1,342	2	2,684		6,787	1 04%	0 67%
1,326	0	0		6,787	1 04%	0 67%
1,311	3	3,932		10,719	1 64%	1.08%
1,295	3	3,885		14,604	2 23%	1 48%
1,279	3	3,838		18,442	2 82%	1 88%
1,264	4	5,055		23,497	3 59%	2.42%
1,248	8	9,986		33,483	5 12%	3 49%
1,233	6	7,396		40,878	6 25%	4 30%
1,217	10	12,170		53,048	8.11%	5.65%
1,201	10	12,014		65,062	9 94%	6 99%
1,186	3	3,557		68,620	10.48%	7.39%
1,170	13	15,213		83,832	12 81%	9 14%
1,155	7	8,082		91,915	14 04%	10 08%
1,139	10	11,390		103,305	15 78%	11 42%
1,123	6	6,740		110,045	16 81%	12 23%
1,108	9	9,970		120,015	18 34%	13 44%
1,092	9	9,830		129,845	19 84%	14 65%
1,077	8	8,613		138,458	21 15%	15 73%
1,061	10	10,610		149,068	22.78%	17 07%
1,045	4	4,182		153,249	23.41%	17 61%
1,030	14	14,417		167,667	25 62%	19 49%
1,014	17	17,241		184,908	28 25%	21 77%
999	18	17,975		202,883	31.00%	24.19%
983	9	8,847		211,730	32 35%	25.40%
967	17	16,446		228,176	34 86%	27 69%
952	13	12,373		240,549	36 75%	29 44%
936	21	19,660		260,209	39 76%	32.26%
921	20	18,412		278,621	42.57%	34.95%
905	24	21,720		300,341	45 89%	38.17%
889	29	25,793		326,134	49 83%	42 07%
874	22	19,224		345,357	52.77%	45 03%
858	31	26,604		371,962	56 83%	49 19%
843	40	33,704		405,666	61 98%	54 57%
827	44	36,388		442,054	67 54%	60 48%
811	30	24,342		466,396	71 26%	64 52%
796	23	18,303		484,699	74 06%	67 61%
780	21	16,384		501,083	76 56%	70 43%
765	19	14,527		515,611	78 78%	72.98%
749	28	20,972		536,583	81.98%	76 75%
733	20	14,668		551,251	84 22%	79 44%
718	27	19,381		570,631	87 18%	83 06%
702	21	14,746		585,377	89 44%	85 89%
687	23	15,792		601,169	91 85%	88.98%
671	31	20,801		621,970	95 03%	93.15%
655	21	13,763		635,734	97 13%	95 97%
640	9	5,758		641,492	98.01%	97 18%
624	15	9,363		650,855	99 44%	99 19%
609	6	3,652		654,506	100 00%	100 00%
593	0	0		654,506	100 00%	100 00%
Total	744	654,506				

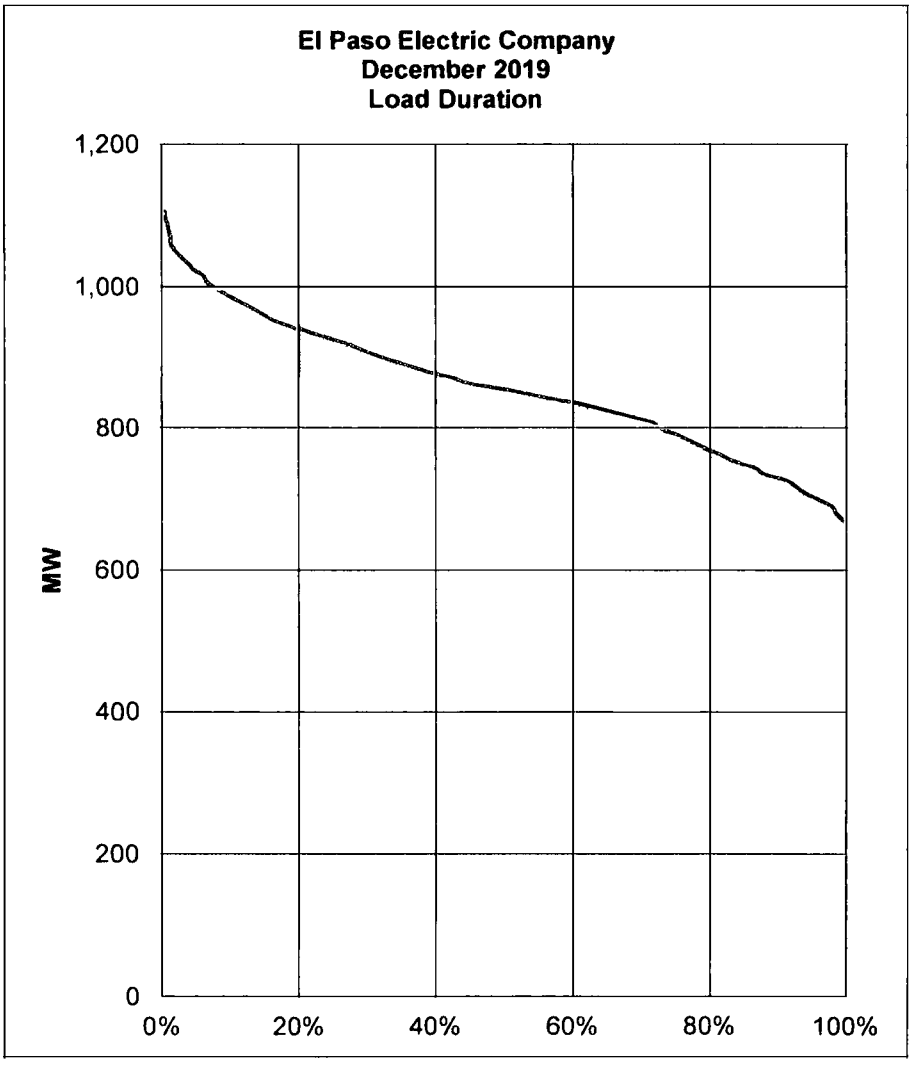

El Paso Electric Company
October 2019
Load Duration
MW
1,600
1,400
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

(a)	(b)	(c)	(d)	(e)	(f)	(g)
November-2019						
Total MWH =	581,468	Max =	1,062	Interval =	8 8	
Hours =	720	Min =	620	Load Fact =	76 04%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,062	2	2,124		2,124	0.36%	0 28%
1,053	1	1,053		3,177	0.54%	0 42%
1,044	3	3,133		6,310	1 08%	0 83%
1,036	1	1,036		7,346	1.26%	0 97%
1,027	3	3,080		10,426	1 78%	1 39%
1,018	0	0		10,426	1 78%	1 39%
1,009	0	0		10,426	1 78%	1 39%
1,000	3	3,001		13,428	2 30%	1 81%
992	4	3,966		17,394	2 97%	2 36%
983	7	6,880		24,274	4 15%	3 33%
974	9	8,766		33,040	5 65%	4 58%
965	8	7,722		40,761	6 97%	5 69%
956	13	12,433		53,194	9 10%	7 50%
948	9	8,528		61,723	10 56%	8 75%
939	9	8,449		70,172	12 00%	10 00%
930	13	12,090		82,262	14 07%	11 81%
921	16	14,739		97,001	16 59%	14.03%
912	12	10,949		107,950	18 46%	15 69%
904	21	18,976		126,926	21 71%	18 61%
895	14	12,527		139,453	23 85%	20 56%
886	22	19,492		158,945	27 18%	23 61%
877	25	21,930		180,875	30.94%	27 08%
868	31	26,920		207,795	35 54%	31 39%
860	32	27,507		235,302	40 24%	35 83%
851	18	15,314		250,617	42 86%	38 33%
842	36	30,312		280,929	48 05%	43 33%
833	20	16,664		297,593	50 90%	46 11%
824	28	23,083		320,676	54 85%	50.00%
816	16	13,050		333,726	57 08%	52 22%
807	12	9,682		343,407	58 73%	53.89%
798	12	9,576		352,983	60 37%	55 56%
789	12	9,470		362,454	61 99%	57 22%
780	20	15,608		378,062	64 66%	60 00%
772	22	16,975		395,037	67 56%	63 06%
763	22	16,782		411,818	70.43%	66 11%
754	19	14,326		426,144	72 89%	68 75%
745	25	18,630		444,774	76 07%	72 22%
736	28	20,619		465,394	79 60%	76 11%
728	18	13,097		478,490	81 84%	78 61%
719	23	16,532		495,023	84 67%	81 81%
710	26	18,460		513,483	87 82%	85.42%
701	16	11,219		524,702	89 74%	87 64%
692	19	13,156		537,858	91 99%	90 28%
684	26	17,774		555,631	95 03%	93 89%
675	11	7,423		563,054	96 30%	95 42%
666	10	6,660		569,714	97 44%	96.81%
657	14	9,201		578,915	99 01%	98 75%
648	6	3,890		582,805	99 68%	99 58%
640	0	0		582,805	99 68%	99 58%
631	1	631		583,436	99 79%	99.72%
622	2	1,244		584,680	100 00%	100 00%
Total	720	584,680				


El Paso Electric Company
November 2019
Load Duration
MW
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

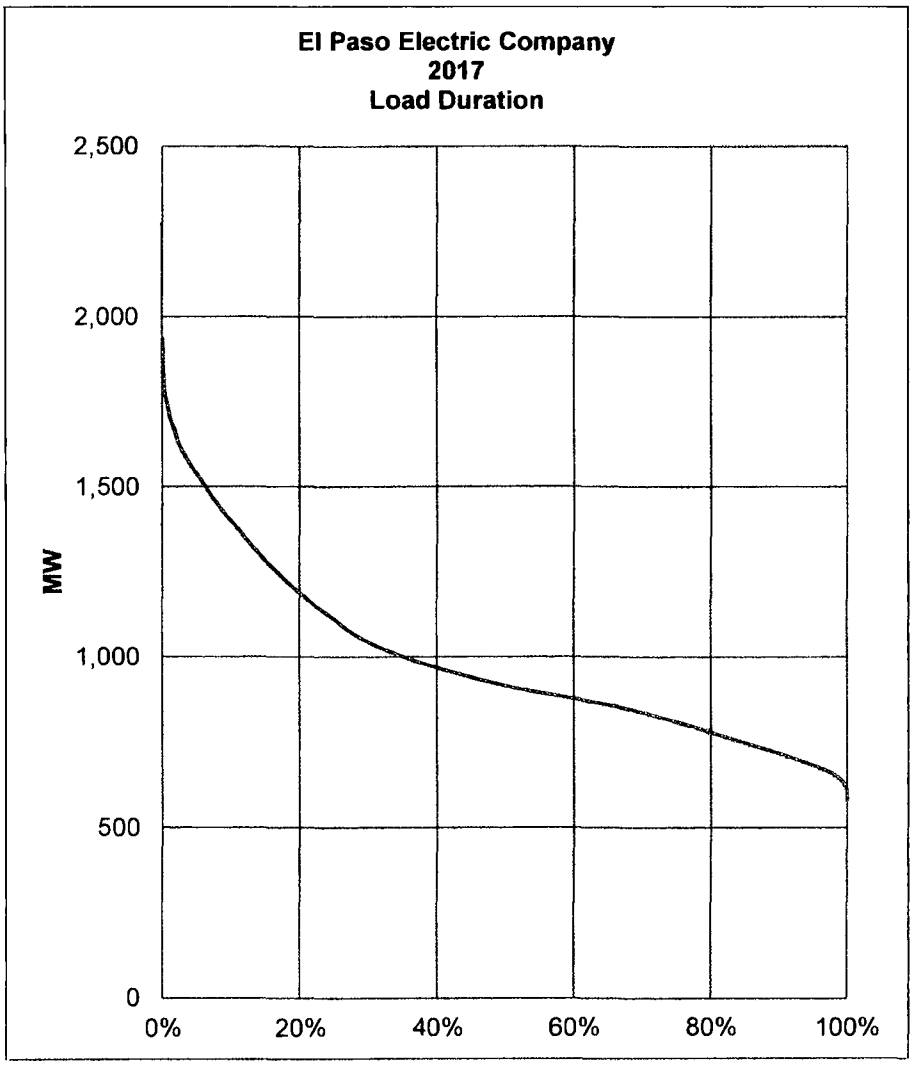
EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12 6b. MONTHLY LOAD DURATION
SPONSOR GEORGE NOVELA
PREPARER· ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
December-2019						
Total MWH =	632,098	Max =	1,109	Interval =	9 1	
Hours =	744	Min =	655	Load Fact =	76 61%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,109	3	3,327		3,327	0 52%	0 40%
1,100	1	1,100		4,427	0 70%	0 54%
1,091	3	3,272		7,699	1 21%	0 94%
1,082	1	1,082		8,781	1 38%	1 08%
1,073	2	2,145		10,926	1 72%	1.34%
1,064	0	0		10,926	1 72%	1 34%
1,054	4	4,218		15,144	2 38%	1 88%
1,045	6	6,272		21,416	3 37%	2 69%
1,036	8	8,290		29,705	4 67%	3 76%
1,027	6	6,163		35,868	5 64%	4 57%
1,018	11	11,198		47,066	7 41%	6.05%
1,009	4	4,036		51,101	8.04%	6.59%
1,000	10	9,998		61,099	9.62%	7 93%
991	12	11,888		72,988	11 49%	9 54%
982	12	11,779		84,767	13 34%	11 16%
973	13	12,643		97,410	15 33%	12 90%
963	12	11,561		108,970	17.15%	14 52%
954	13	12,406		121,376	19 10%	16 26%
945	19	17,959		139,335	21 93%	18.82%
936	19	17,786		157,121	24 73%	21 37%
927	22	20,394		177,515	27 94%	24 33%
918	22	20,194		197,709	31 11%	27 28%
909	17	15,450		213,158	33 54%	29 57%
900	19	17,094		230,253	36 23%	32 12%
891	22	19,593		249,846	39 32%	35 08%
882	23	20,275		270,120	42.51%	38 17%
872	30	26,172		296,292	46 63%	42 20%
863	21	18,129		314,422	49.48%	45 03%
854	41	35,022		349,444	54 99%	50 54%
845	34	28,733		378,177	59 51%	55 11%
836	37	30,932		409,109	64 38%	60 08%
827	30	24,807		433,916	68 28%	64 11%
818	28	22,898		456,815	71 89%	67 88%
809	26	21,026		477,841	75 20%	71 37%
800	9	7,196		485,037	76 33%	72 58%
791	20	15,810		500,847	78 82%	75 27%
781	14	10,940		511,787	80 54%	77 15%
772	14	10,812		522,599	82 24%	79.03%
763	17	12,974		535,573	84 28%	81.32%
754	14	10,557		546,131	85 94%	83.20%
745	25	18,625		564,756	88 87%	86 56%
736	10	7,359		572,115	90 03%	87 90%
727	25	18,170		590,285	92 89%	91 26%
718	10	7,177		597,462	94 02%	92 61%
709	10	7,086		604,548	95 14%	93 95%
700	15	10,493		615,040	96.79%	95 97%
690	14	9,666		624,706	98 31%	97 85%
681	4	2,725		627,431	98 74%	98 39%
672	7	4,705		632,137	99 48%	99 33%
663	5	3,316		635,452	100 00%	100 00%
654	0	0		635,452	100 00%	100 00%
Total	744	635,452				


El Paso Electric Company
December 2019
Load Duration
MW
1,200
1,000
800
600
400
200
0
0%
20%
40%
60%
80%
100%

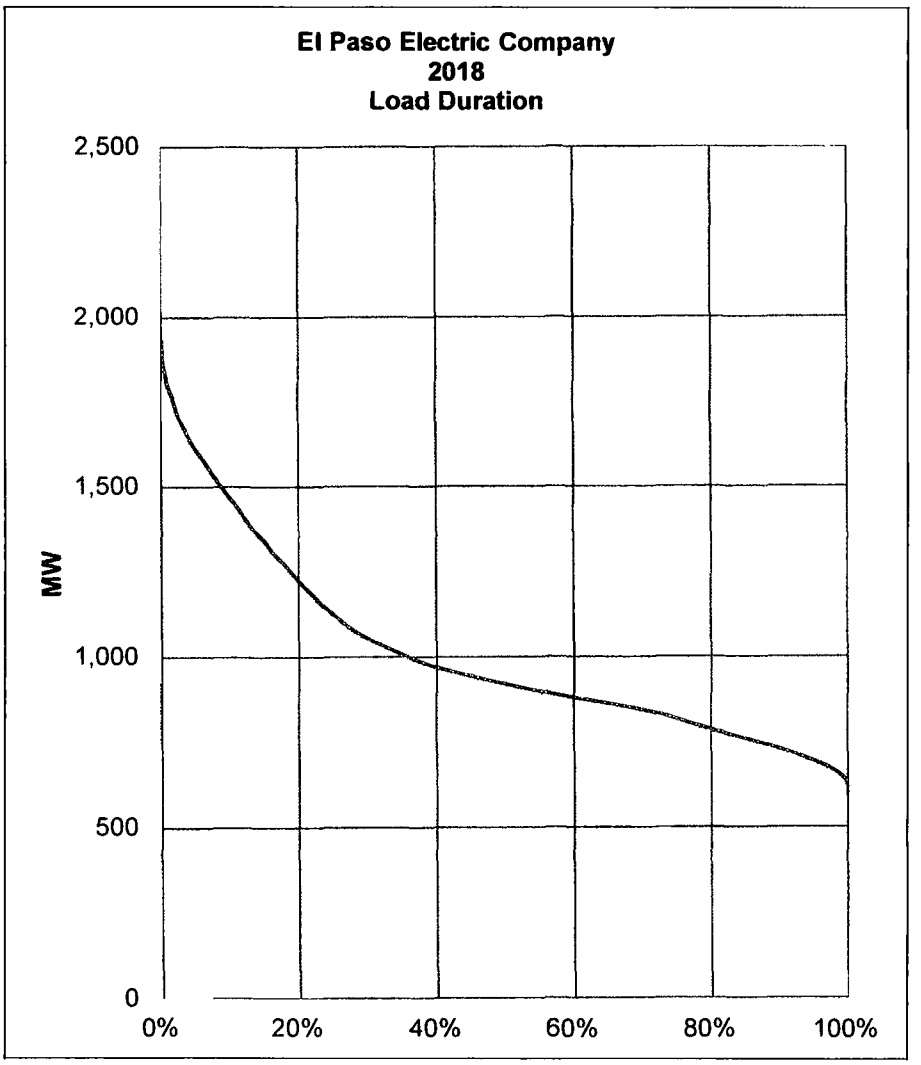
EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12.6c: ANNUAL LOAD DURATION
SPONSOR: GEORGE NOVELA
PREPARER: ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
2017 Hourly Data						
Total MWH =	8,421,123	Max =	1,935	Interval =	27.1	
Hours =	8760	Min =	579	Load Fact =	49.68%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,935	4	7,740		7,740	0.09%	0.05%
1,908	2	3,816		11,556	0.14%	0.07%
1,881	3	5,642		17,198	0.20%	0.10%
1,854	2	3,707		20,906	0.24%	0.13%
1,827	7	12,786		33,692	0.39%	0.21%
1,800	7	12,597		46,288	0.54%	0.29%
1,772	9	15,952		62,240	0 73%	0.39%
1,745	28	48,868		111,108	1.30%	0 71%
1,718	23	39,519		150,627	1.76%	0.97%
1,691	31	52,424		203,051	2.38%	1 32%
1,664	44	73,216		276,267	3.24%	1.83%
1,637	30	49,107		325,374	3.81%	2.17%
1,610	52	83,710		409,084	4.79%	2.76%
1,583	67	106,041		515,125	6.03%	3 53%
1,556	70	108,892		624,017	7 31%	4.33%
1,529	87	132,980		756,996	8.87%	5 32%
1,501	74	111,104		868,100	10 17%	6.16%
1,474	75	110,573		978,672	11.46%	7.02%
1,447	89	128,801		1,107,473	12.97%	8.04%
1,420	83	117,868		1,225,341	14 35%	8.98%
1,393	107	149,051		1,374,392	16.10%	10.21%
1,366	104	142,054		1,516,446	17.76%	11 39%
1,339	93	124,508		1,640,954	19.22%	12.45%
1,312	107	140,352		1,781,306	20.86%	13 68%
1,285	102	131,029		1,912,335	22 40%	14.84%
1,258	125	157,188		2,069,523	24.24%	16.27%
1,230	118	145,187		2,214,710	25 94%	17 61%
1,203	125	150,413		2,365,123	27.70%	19.04%
1,176	150	176,430		2,541,553	29 76%	20.75%
1,149	144	165,470		2,707,023	31.70%	22.40%
1,122	171	191,862		2,898,885	33.95%	24 35%
1,095	149	163,140		3,062,025	35.86%	26.05%
1,068	165	176,187		3,238,212	37.92%	27.93%
1,041	209	217,506		3,455,718	40 47%	30.32%
1,014	265	268,604		3,724,322	43.61%	33.34%
987	326	321,599		4,045,921	47.38%	37.07%
959	396	379,922		4,425,844	51.83%	41.59%
932	419	390,634		4,816,477	56.40%	46.37%
905	515	466,178		5,282,655	61 86%	52.25%
878	672	590,083		5,872,739	68.77%	59.92%
851	629	535,279		6,408,018	75.04%	67.10%
824	463	381,466		6,789,483	79 51%	72.39%
797	421	335,453		7,124,936	83.44%	77 19%
770	365	280,941		7,405,877	86 73%	81.36%
743	387	287,386		7,693,263	90.09%	85.78%
716	374	267,597		7,960,860	93.23%	90 05%
688	349	240,252		8,201,111	96.04%	94 03%
661	298	197,067		8,398,179	98.35%	97.43%
634	161	102,106		8,500,285	99.55%	99 27%
607	63	38,247		8,538,532	99.99%	99 99%
580	1	580		8,539,112	100.00%	100.00%
Total	8,760	8,539,112				


El Paso Electric Company
2017
Load Duration
MW
2,500
2,000
1,500
1,000
500
0
0%
20%
40%
60%
80%
100%

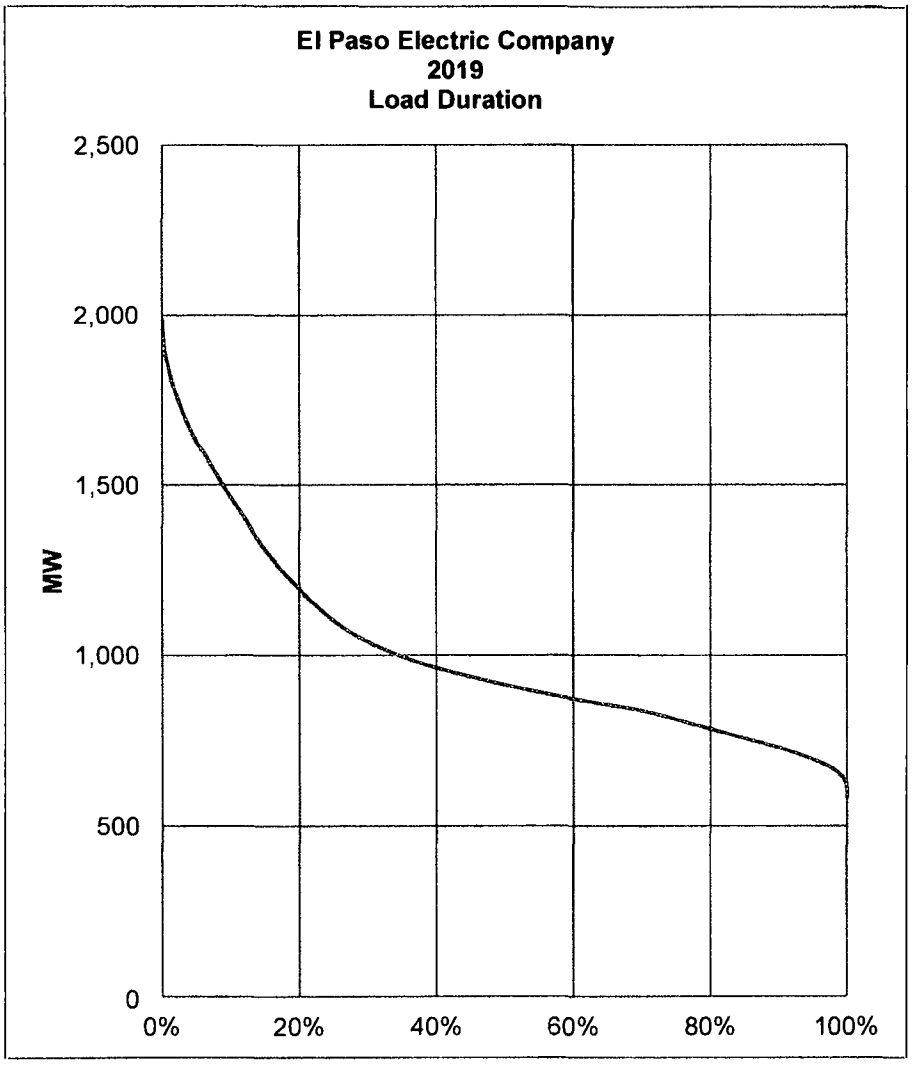
EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12.6c: ANNUAL LOAD DURATION
SPONSOR: GEORGE NOVELA
PREPARER: ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
2018 Hourly Data						
Total MWH =	8,594,881	Max =	1,929	Interval =	26.7	
Hours =	8760	Min =	594	Load Fact =	50.86%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,929	8	15,432		15,432	0.18%	0.09%
1,902	4	7,609		23,041	0.26%	0.14%
1,876	4	7,502		30,544	0.35%	0.18%
1,849	21	38,827		69,371	0.80%	0.42%
1,822	26	47,377		116,748	1.34%	0 72%
1,796	32	57,456		174,204	2.00%	1.08%
1,769	46	81,365		255,569	2 93%	1.61%
1,742	36	62,716		318,284	3.65%	2.02%
1,715	34	58,324		376,608	4.32%	2 41%
1,689	50	84,435		461,043	5.29%	2.98%
1,662	58	96,396		557,439	6.40%	3.64%
1,635	55	89,942		647,380	7.43%	4.27%
1,609	71	114,211		761,591	8.74%	5.08%
1,582	83	131,298		892,889	10 25%	6.03%
1,555	77	119,750		1,012,639	11.62%	6.91%
1,529	74	113,109		1,125,748	12.92%	7.75%
1,502	80	120,144		1,245,892	14.30%	8.66%
1,475	92	135,709		1,381,601	15.86%	9.71%
1,448	93	134,701		1,516,302	17.40%	10.78%
1,422	84	119,423		1,635,725	18.78%	11.74%
1,395	80	111,600		1,747,325	20 06%	12.65%
1,368	88	120,410		1,867,736	21.44%	13.65%
1,342	117	156,967		2,024,703	23.24%	14.99%
1,315	84	110,452		2,135,154	24 51%	15.95%
1,288	103	132,685		2,267,839	26 03%	17.12%
1,262	113	142,550		2,410,388	27 67%	18.41%
1,235	97	119,776		2,530,164	29.04%	19.52%
1,208	106	128,059		2,658,223	30.51%	20.73%
1,181	117	138,224		2,796,446	32.10%	22.07%
1,155	108	124,708		2,921,154	33 53%	23.30%
1,128	136	153,408		3,074,562	35 29%	24.85%
1,101	135	148,676		3,223,238	37.00%	26.39%
1,075	160	171,936		3,395,174	38.97%	28.22%
1,048	208	217,963		3,613,137	41.47%	30 59%
1,021	249	254,279		3,867,416	44.39%	33.44%
994	271	269,510		4,136,925	47 49%	36.53%
968	330	319,374		4,456,299	51.15%	40.30%
941	438	412,202		4,868,501	55.88%	45 30%
914	511	467,258		5,335,759	61.25%	51.13%
888	563	499,775		5,835,534	66 98%	57 56%
861	705	607,005		6,442,539	73 95%	65.61%
834	557	464,705		6,907,244	79.28%	71.96%
808	391	315,772		7,223,016	82.91%	76.43%
781	378	295,180		7,518,196	86.30%	80.74%
754	438	330,340		7,848,536	90.09%	85.74%
727	401	291,727		8,140,263	93.44%	90.32%
701	323	226,358		8,366,622	96.04%	94.01%
674	278	187,400		8,554,021	98.19%	97.18%
647	172	111,353		8,665,374	99.47%	99.14%
621	75	46,552		8,711,927	100.00%	100 00%
594	0	0		8,711,927	100.00%	100.00%
Total	8,760	8,711,927				


El Paso Electric Company
2018
Load Duration
MW
2,500
2,000
1,500
1,000
500
0
0%
20%
40%
60%
80%
100%

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-12 6c: ANNUAL LOAD DURATION
SPONSOR: GEORGE NOVELA
PREPARER: ERIC GALVAN
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)
2019 Hourly Data						
Total MWH =	8,532,494	Max =	1,985	Interval =	28	
Hours =	8760	Min =	584	Load Fact =	49.07%	
Load	Count Hrs	Hrs Times Load		Accum Load	% Total Load	% Time
1,985	3	5,955		5,955	0.07%	0.03%
1,957	6	11,742		17,697	0 20%	0.10%
1,929	7	13,503		31,200	0 36%	0.18%
1,901	11	20,911		52,111	0 60%	0.31%
1,873	27	50,571		102,682	1 19%	0.62%
1,845	30	55,350		158,032	1.83%	0.96%
1,817	28	50,876		208,908	2 41%	1.28%
1,789	38	67,982		276,890	3.20%	1.71%
1,761	42	73,962		350,852	4.05%	2.19%
1,733	43	74,519		425,371	4.92%	2.68%
1,705	50	85,250		510,621	5 90%	3 25%
1,677	52	87,204		597,825	6 91%	3.85%
1,649	54	89,046		686,871	7.94%	4.46%
1,621	61	98,881		785,752	9.08%	5.16%
1,593	88	140,184		925,936	10.70%	6.16%
1,565	64	100,160		1,026,096	11.86%	6.89%
1,537	72	110,664		1,136,760	13.14%	7.72%
1,509	76	114,684		1,251,444	14 46%	8 58%
1,481	70	103,670		1,355,114	15.66%	9.38%
1,453	83	120,599		1,475,713	17.06%	10.33%
1,425	87	123,975		1,599,688	18.49%	11.32%
1,397	82	114,554		1,714,242	19.81%	12.26%
1,369	69	94,461		1,808,703	20.90%	13 05%
1,341	81	108,621		1,917,324	22.16%	13.97%
1,313	85	111,605		2,028,929	23 45%	14.94%
1,285	100	128,500		2,157,429	24 93%	16.08%
1,257	90	113,130		2,270,559	26.24%	17 11%
1,229	117	143,793		2,414,352	27.90%	18 45%
1,201	115	138,115		2,552,467	29 50%	19 76%
1,173	110	129,030		2,681,497	30.99%	21.02%
1,145	135	154,575		2,836,072	32.78%	22.56%
1,117	138	154,146		2,990,218	34 56%	24 13%
1,089	157	170,973		3,161,191	36 53%	25.92%
1,061	189	200,529		3,361,720	38 85%	28 08%
1,033	234	241,722		3,603,442	41 65%	30.75%
1,005	272	273,360		3,876,802	44.80%	33.86%
977	335	327,295		4,204,097	48 59%	37.68%
949	433	410,917		4,615,014	53.34%	42.63%
921	488	449,448		5,064,462	58.53%	48.20%
893	555	495,615		5,560,077	64 26%	54 53%
865	638	551,870		6,111,947	70 64%	61 82%
837	727	608,499		6,720,446	77.67%	70.11%
809	464	375,376		7,095,822	82 01%	75.41%
781	450	351,450		7,447,272	86 07%	80.55%
753	450	338,850		7,786,122	89 99%	85.68%
725	440	319,000		8,105,122	93 67%	90.71%
697	355	247,435		8,352,557	96.53%	94 76%
669	264	176,616		8,529,173	98.57%	97.77%
641	142	91,022		8,620,195	99.63%	99 39%
613	51	31,263		8,651,458	99 99%	99 98%
585	2	1,170		8,652,628	100.00%	100.00%
Total	8,760	8,652,628				


El Paso Electric Company
2019
Load Duration
MW
2,500
2,000
1,500
1,000
500
0
0%
20%
40%
60%
80%
100%

EPE utilizes the standard Institute of Electrical and Electronics Engineers (IEEE) Reliability Indices to measure System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) in order to track and report customer service interruptions to the Public Utility Commission of Texas (PUCT). These indices are categorized into four major causes for service interruptions: Forced Outages, Scheduled Outages, Outages due to Outside Causes, and Outages due to Major Events. For an outage to be classified/documented, the interruption of service must be for five minutes or more. Interruptions of shorter length are considered momentary.

EPE tracks and documents System SAIFI and SAIDI, in addition to per feeder SAIDI and SAIFI. Over the past 5 years, EPE has consistently attained a top SAIDI/SAIFI rating among the electric utilities in Texas. This is due to a coordinated effort between engineers, dispatchers, operators, and field crew personnel. For the required 2020 Service Quality Report to the PUCT, EPE reported SAIDI to be 48.57 minutes and SAIFI to be 0.533 (forced interruptions only). This ranks EPE as the best in investor owned Texas utilities for both SAIDI and SAIFI.

EPE has standardized the practice of identifying the 10% worst performing feeders (WPF) on SAIDI and SAIFI. This WPF lists can then be cross referenced with outage data and allow various departments from operations and engineering to analyze the feeders. Once analysis of feeder information is complete a plan is formulated to make the necessary additions or adjustments to bring each feeder up to the high standards that have been achieved throughout the remainder of EPE's distribution system.

In addition to analyzing historical data to improve feeder performance, EPE has adopted the practice of involving Distribution System engineers and other operations personnel at multiple levels to respond to major feeder issues as they occur. This practice allows EPE to respond quickly and safely to situations where a large number of our customers are out of service in order to restore power and address potential SAIDI and SAIFI Worst Performing Feeders.

EPE's Customer Service department handles many of the initial customer concerns and issues on a daily basis and then addresses the issue or refers the issue to the appropriate department. If a customer calls after regular business hours, the customer may leave a message via an interactive voice recording, which will be processed by Distribution Dispatch personnel or Customer Service Home Agents. EPE also utilizes an outage reporting app (*MyEPE* Outage Reporting Application) to allow customers to submit reports of outages via a cell phone or computer.

EPE received and documented 2,027 inquiries regarding power quality issues during the Test Year of 2020. Each of the inquiries was first investigated by a First Class Lineman. Over 70% of the power quality complaints are addressed immediately when the Lineman visits the site. Those cases that cannot be addressed immediately are referred to EPE's Distribution Systems Engineering and/or Distribution Operations departments. The follow up departments assign an engineer or Crew Supervisor to make contact with the customer and start working on addressing the issue at hand. All commercial or industrial power quality concerns are referred directly to the area Distribution Systems Engineer. Voltage and current recorders are typically installed at the complaining customer's meter or service transformer to supplement the power quality

investigation. Whenever it is determined that the problem is with EPE's system/equipment, EPE designs and implements a solution.

In addition to the ongoing Distribution System betterment projects and ongoing maintenance work, EPE has two seasonal maintenance efforts that focus on system maintenance. EPE has designated February as Distribution maintenance month. This effort includes the collection of maintenance work orders and assigning dedicated resources, which have been expanded for this particular time frame, to work on them throughout the month. EPE's second seasonal maintenance effort is to replace overloaded transformers before they fail, prior to the high temperature summer months. Distribution Engineering analyzes the previous summer's customer loadings and identifies overloaded transformers. In addition, high priority maintenance issues are addressed as they are identified, throughout the year.

Of the 16 customer complaints reported to the PUCT during the test year, one complaint pertained to quality of service. EPE has reached a resolution and the results were reviewed and approved by the PUCT. To date, EPE has been found compliant with all of the applicable rules and regulations relating to all of the customer complaints within the test year.

Most of EPE's larger distribution substations are fed from two or more transmission lines. This multi-sourced scheme is known as our transmission looped system, which can continuously provide power to a given distribution substation in the event that one of the transmission lines feeding the substation is unable to provide power.

The exception (in Texas) to the above-mentioned redundant transmission looped scheme is EPE's far eastern service area, which includes the municipality of Van Horn and census designated places (CDPs) such as Tornillo, Fort Hancock, Acala, and Sierra Blanca. These sparsely populated and remote locations. are all fed by way of a radial 69 kilovolt (kV) transmission line that originates at Felipe Substation in the CDP of Fabens, Texas, and extends to Farmer Substation in the Town of Van Horn, Texas. The point of origination (Felipe Substation) is where that 69 kV line interconnects with the rest of EPE's grid.

The Felipe – Farmer 69 kV transmission line is approximately 94 miles in length and transverses a variety of terrains from flat, arid, desert regions to rugged mountain crossings. This line was originally constructed on wood pole structures that were susceptible to failure in extreme weather conditions. Over the last several years, EPE has experienced transmission line structure failures on this 69 kV radial line, which resulted in extended outages to one or all of the customers and communities along the line.

With the completion of project TL127 – FARMER - FELIPE STRUCTURE REPLACEMENT nearly all of the wood pole structures of the transmission line have been replaced. A few wood pole structures remain, but the remaining wood poles are dead-end structures that are guyed in such a manner that it is very unlikely that a wind could blow them down. The main reason that these guyed dead end poles were not replaced is because the line is radial and cannot be deenergized for the replacement and the clearances on these dead ends is too small to allow the structures to be safely replaced while energized.

Since the pole replacement project was completed in 2018 (Project TL127), there has not been a prolonged outage on the transmission line between Felipe and Farmer substations that was caused by a transmission structure failure. It is important to note that this transmission line does continue for about 8 miles beyond Farmer substation to a Rio Grande Electric Co-op substation, and the structures have not yet been replaced on that section of line. EPE did experience one prolonged, structure failure caused outage, in 2020 on the short transmission line between EPE's Farmer substation and the Rio Grande Electric Co-op substation. This is the last section of this line that requires the wood structure replacement, and the project is in the authorization and scheduling process.

In our continuing effort to mitigate the problem of long outages for this radial part of the system, EPE has invested and continues to invest a considerable amount of resources in yearly rebuild and improvement projects. The rebuild projects continually upgrade the distribution and transmission systems to support the growing load of the area and provide system back-feeding options to restore service and minimize outages. Going forward EPE will continue to execute capital projects to rebuild and strengthen the underlying distribution lines that serve the area.

System voltage and load is continuously monitored and recorded by EPE's System Operations using the Energy Management System (EMS). The information is gathered through EPE's internal communications network in real time. Transmission interchanges and the majority of the distribution-voltage substations (4kV to 24kV) are monitored by SCADA. In addition, many of EPE's substations have voltage recording devices. A historical database of the analog values is also kept and queried as needed.

EPE also utilizes field devices to monitor distribution voltages. A large number of EPE's in-line reclosers in service record voltage on at least one phase. EPE has also installed a number of reclosers which can monitor all three phases. EPE continues to expand its remote voltage monitoring, with new capacitor banks and regulator controllers. In addition to the local voltage field recording, a carefully selected group of in-line reclosers have SCADA for voltage monitoring. EPE is currently under a grid modernization effort to further increase voltage monitoring on field devices.

Portable recording devices are also utilized when it becomes necessary to monitor and record customer voltage. Typical recording periods are for one to two weeks but can be monitored for longer periods, if needed. These portable recording devices can be installed at various locations throughout EPE's system, such as, at the customer's meter, on the distribution service transformer, on the primary metering service point, in substations, etc. If the customer voltage recordings reveal problems or concerns, service betterments, system modifications, or adjustments are made until the voltage is within the allowable voltage limits.

System operations personnel record Transmission and Distribution circuit breaker operations.

Operations for the test year are summarized as:

Transmission (69,115 and 345 kV)

Distribution (4, 13.8 and 23.9 kV)

Transmission Cause Summary

Primary Cause Codes	Percent
Equipment Failure	9%
Damaged/down structure	6%
Fault/Instantaneous	9%
Foreign Object	8%
Inadvertent trip	6%
Threat of Fire	1%
Unknown	36%
Weather Related	24%

Distribution Cause Summary

Primary Cause Codes	Percent
Animal	6.1%
Customer Trouble	2.2%
Equipment Failure	27.7%
Foreign Object	8.7%
Overloaded	1.7%
Tree related	4.3%
Unknown	23.8%
Utility Error	2.2%
Vehicle	5.6%
Weather Related	17.7%

Transmission Data Sample

Line	Date Time Out	Date Time In	Voltage	Cause of Outage
Montoya - Nuway - 21100	1/7/20 11:03 AM	1/7/20 11:03 AM	115	instantaneous operation patrolled nothing found
Amrad-Caliente - 35100	1/8/20 3:49 PM	1/9/20 6:31 AM	345	Damage Structure # 368
Hatch - Jornada - 16300	1/9/20 3:31 AM	1/9/20 3:31 AM	115	Instantaneous operation
Diablo - Luna - 34700	1/22/20 8:56 PM	1/22/20 9:02 PM	345	under investigation
Diablo - Luna - 34700	1/23/20 11:07 AM	1/23/20 11:23 AM	345	Due to a Guy wire between phases.
Amrad - Oro Grande - 11300	1/29/20 10:35 AM	1/29/20 10:39 AM	115	Line single opened ended, Relay testing protection at time of trip
Butterfield - Newman - 11700	2/28/20 1:07 PM	2/28/20 1:17 PM	115	Unintentional breaker trip by field crews
Americas - Valley - 7900	3/3/20 12:49 PM	3/3/20 12:51 PM	69	Storms in the area
Executive - Rio Grande 15800	3/9/20 1:11 PM	3/9/20 1:14 PM	115	Inadvertent trip by field crews
Executive - Sunset North 20900	3/9/20 1:11 PM	3/9/20 1:14 PM	115	Inadvertent trip by field crews
Hatch - Jornada - 16300	3/15/20 11:38 PM	3/15/20 11:38 PM	115	Under investigation
Macho Springs - Springerville - 35300	3/26/20 1:48 PM	3/26/20 2:09 PM	345	Storms in the Area. Broken ground @ STR 1154
Macho Springs - Springerville - 35300	3/26/20 2:13 PM	3/26/20 9:23 PM	345	Broken ground @ STR 1154
Austin - Mesa - 19800	3/27/20 3:58 PM	3/27/20 4:00 PM	115	high winds in the area
Macho Springs - Springerville - 35300	4/6/20 6:09 AM	4/6/20 6:45 AM	345	Under Investigation
Coyote - Montana Power - 14700	4/7/20 6:29 AM	4/7/20 6:29 AM	115	Cause Unknown
Caliente - Montana Power - 16700	4/15/20 6:36 AM	4/15/20 6:36 AM	115	Instantaneous Under investigation
Executive - Rio Grande 15800	4/21/20 10:57 AM	4/21/20 11:35 AM	115	Under Investigation
Americas - Lane - 5200	4/25/20 1:08 PM	4/25/20 1:13 PM	69	Large Mylar Ballon Bouquet @ 9595 N Loop in Trans and Dist Lines
Americas - Lane - 5200	4/25/20 1:25 PM	4/25/20 6:27 PM	69	Large Mylar Ballon Bouquet @ 9595 N Loop in Trans and Dist Lines
Americas - Valley - 7900	4/25/20 1:25 PM	4/25/20 1:29 PM	69	Large Mylar Ballon Bouquet @ 9595 N Loop in Trans and Dist Lines
Socorro - Valley - 8500	5/14/20 9:43 PM		69	Line de-energized for Transmission Crews to safely replace pole
Cromo - Rio Grande - 17600	6/4/20 7:05 AM	6/4/20 6:58 PM	115	Blown PT's on RGD side of line
Anthony - Nuway - 18300	6/4/20 3:50 PM	6/4/20 7:31 PM	115	Breaker Fail due to MON-THO line fault
Montoya - Thorn - 18200	6/4/20 3:50 PM	6/4/20 4:00 PM	115	Relays indicating B to ground fault
Anthony - Border Steel - 17900	6/4/20 3:50 PM	6/4/20 5:24 PM	115	Tripped with MON-THO line fault
Macho Springs - Springerville - 35300	6/5/20 5:56 PM	6/5/20 6:48 PM	345	Loose ground
Arroyo - West Mesa - 34500	6/6/20 12:02 PM	6/6/20 6:39 PM	345	Removed from service due to wild fire and smoke close to the line
Butterfield - Newman - 11700	6/12/20 1:19 AM	6/12/20 1:19 AM	115	Inst. Storms in area
NWM-SHE 15100	6/12/20 11:56 AM	6/12/20 11:56 AM	115	Dropped line for lineman safety to remove mylar balloons at Donald & Hugs St
Arroyo - Salopek - 15400	6/12/20 7:08 PM	6/12/20 7:13 PM	115	Storms in area.
Jornada-Hatch-16300	6/13/20 5:29 AM	6/13/20 5:29 AM	115	Under investigation.
Farmer - Neely - 9100	6/24/20 11:11 PM	6/24/20 11:11 PM	69	STORMS IN THE AREA
Alamo - Neely (Sierra Blanca Tap) - 7300	6/27/20 5:22 PM	6/27/20 5:24 PM	69	Storms in the area
Farmer - Neely - 9100	6/27/20 5:22 PM	6/27/20 5:24 PM	69	Storms in the area
Farmer - Rio Grande Co-Op - 8300	6/27/20 5:22 PM	6/27/20 5:24 PM	69	Storms in the area
Amrad-Empire 35200	7/5/20 2:16 PM	7/5/20 2:22 PM	345	Storms in area
Farmer - Neely - 9100	7/7/20 3:10 PM	7/7/20 3:10 PM	69	Storms in the Area
Horizon - Pellicano - 12200	7/8/20 2:30 PM	7/8/20 2:33 PM	115	Patrolled, nothing found
Border Steel (Darby Tap) - Rio Grande - 5400	07/10/2020 9:29 PM	07/10/2020 9:29 PM	69	Line auto reclosed, notified customer and they would verify their equip.

Distribution Data Sample

Line	Date/Time Out	Date/Time In	Customers	Primary Cause Codes	Cause Comment
AMR-12 (CIN-01, YSL-01)	1/13/20 2.42 PM	1/13/20 3:13 PM	3383	Mylar Balloons	Mylar Balloon @ 447 S. Schutz
PEL-21	1/28/20 9:28 AM	1/28/20 9.30 AM	1027	Unknown	troubleman patrol line no issues
DYR-12 (ALT-1, ALT-3, ALT-6)	2/9/20 10.58 AM	2/9/20 11:04 AM	2699	Equipment Failure	Faulty Cutout on Cap Bank 8232
DYR-12 (ALT-1, ALT-3, ALT-6)	2/16/20 10.29 AM	2/16/20 10.29 AM	2699	Mylar Balloons	Mylar baloons
LAC-23	2/15/20 3.42 PM	2/15/2020 15.43	186	Unknown	Unknown
MAN-14	2/17/20 3.16 PM	2/17/20 3:52 PM	492	Equipment Failure	UG Padmount transformer hit causee riser fuse to blow and go cross phase
MAN-14	2/17/20 3 52 PM	2/17/20 4:00 PM	492	Equipment Failure	After repairing burnt jumperand trying feeder blew back due to fault on riser
JOR-23	2/19/20 6:05 PM	2/19/20 6:05 PM	3930	Unknown	Line patrolled and nothing found
DAL-11 (LAT-01)	2/20/20 5:40 PM	2/20/20 5:41 PM	1661	Bird	Bird got into line
LAC-24 (ESP-1, ESP-2, MES-01)	2/25/20 2 16 PM	2/25/20 2.18 PM	3525	Unknown	
SOL-15	2/25/20 10:04 PM	2/25/20 10:06 PM	1609	Mylar Balloons	MYLAR BALLOONS.Off loaded to Lane12
HAC-01	2/26/20 1.55 PM	2/26/20 2:21 PM	739	Utility Error	Wires slapped together during scheduled line work causing feeder lockout
SDL-12	3/3/20 1:53 PM	3/3/20 1.53 PM	2259	Weather Related	Storms in the area
SDL-12	3/4/20 12.15 AM	3/4/20 12.15 AM	2259	Weather Related	storm in the area
MON-21	3/4/20 1.46 AM	3/4/20 1.46 AM	1882	Weather Related	storm in the area auto reclosed
BST-10	3/9/20 3.15 PM	3/9/20 3:25 PM	1	Customer Trouble	Customer issue
CAL-11	3/13/20 1.46 AM	3/13/20 1 46 AM	1849	Unknown	storms in area
SUN-13	3/13/20 5:15 AM	3/13/20 6:32 AM	128	Equipment Failure	Burn Elbow @ kansa & franklyn
MID-01	3/15/20 11 55 AM	3/15/20 1:33 PM	898	Mylar Balloons	Mylar Balloons
MIL-13	3/15/20 5:32 PM	3/15/20 5 32 PM	1639	Equipment Failure	Blown arrestor
PIC-21	3/18/20 6.57 AM	3/18/20 6:57 AM	2377	Equipment Failure	blown glass insulators at camino real and spitz
SDL-16	3/19/20 4 18 AM	3/19/20 4.51 AM	1091	Equipment Failure	Broken crossarm
STA-25	3/20/20 7 02 AM	3/20/20 7:02 AM	31	Equipment Failure	Burnt cut outs
SOC-11	3/25/20 7 19 PM	3/25/20 7.20 PM	3509	Equipment Failure	Blown arrestor at Alameda and Sun Park
LAN-13	3/27/20 2.52 PM	3/27/20 2:53 PM	283	Weather Related	High winds in the area
LAN-13	3/27/20 3:07 PM	3/27/20 3.07 PM	283	Weather Related	Second operation Feeder patroled & nothing found.
NEW-02	3/27/20 3 58 PM	3/27/20 6 20 PM	648	Weather Related	Wires slapping in wind
TOB-01	3/27/20 4:18 PM	3/27/2020 17.30	473	Equipment Failure	Blown arrestors caused outage
CLI-11	3/27/20 4:48 PM	3/27/20 4 48 PM	3347	Weather Related	Instantaneou High winds
CLI-11	3/27/20 5 45 PM	3/27/20 6:07 PM	3347	Weather Related	As per crew request to clear debris
MSA-16	3/27/20 5:54 PM	3/27/20 5.55 PM	658	Weather Related	High winds in area
ANT-23	4/2/20 7:34 PM	4/2/20 7 35 PM	1885	Unknown	Final Update. Feeder Patrolled, no sign of trouble
AUS-11	4/5/20 6 42 AM	4/5/20 6.42 AM	50	Bird	Troubleman found dead bird on ground
VIS-11	4/14/20 1:07 AM	4/14/20 1:09 AM	2523	Mylar Balloons	Maylar Balloons on the line at East Glenn and Dan Sikes
THO-12	4/15/20 2 11 AM	4/15/20 2 58 AM	2129	Vehicle	Pole hit. Resler @ Orizaba.
FRH-11	4/20/20 8:20 AM	4/20/20 8 22 AM	261	Bird	Bird got into GOPT
RGD-15	4/21/20 1:41 AM	4/21/20 1 42 AM	1366	Unknown	Line Patrolled. Nothing Found
AMD-20	4/24/20 7:21 PM	4/24/20 7:22 PM	1	Weather Related	WINDS IN AREA

EPE tracked a total of 16 customer complaints to the Public Utility Commission of Texas (PUCT) during the period from January 1, 2020 to December 31, 2020. Of the 16 customer complaints reported to the PUCT during the test year, one complaint pertained to quality of service. The majority of the complaints were billing, metering, and non-payment disconnect issues. EPE reached a resolution and the results were reviewed and approved by the PUCT in every case. To date, EPE has been found compliant with all of the applicable rules and regulations relating to all of the customer complaints within the test year.

EPE's Customer Care department is the initial point of contact for customers. Customers can communicate their concerns and issues via phone, email, or, when possible, an onsite visit. EPE's customer care agent will attempt to address the issues on this initial contact. If an issue is outside of the scope of standard customer service, the agent will forward the concern to the appropriate department. If the customer believes his or her issue has not been addressed the customer can request escalation. If EPE is unable to resolve the issue after escalation the customer is provided contact information for the Public Utility Commission so that they can pursue resolution with EPE's regulators.

EPE received and documented 2,027 inquiries regarding power quality issues during the Test Year of 2020. Each of the inquiries was first investigated by an EPE field service representative. The field service representative is a first class lineman who is trained to evaluate power quality issues and the EPE distribution system. Over 70% of the power quality complaints are addressed immediately when the service representative visits the site. Those cases that cannot be addressed immediately are referred to EPE's Distribution Systems department. When Distribution Systems receives the referrals, it is assigned to a Distribution Systems Monitoring Engineer (DSME) and/or a Distribution Design Engineer Most of the residential power quality concerns at Distribution Systems department are initially investigated by a Design Engineer. In the majority of cases, the Design Engineer can diagnose and correct the issue so that the customer receives electric power within the allowable standards. If the Design Engineer cannot correct the issue, the role to investigate the power quality issue is transferred to the DSME. The DSME then works on the power quality issue until resolved. All commercial, industrial, primary metered and substation power quality concerns that are referred to the Distribution Systems department are initially routed directly to the DSME. Both the DSME and Distribution Design Engineer typically meet with the customer to clarify the problem and formulate a course of action. Voltage and current recorders are typically installed at the complaining customer's meter or service transformer to supplement the power quality investigation. When the power quality data is recovered, the engineer will review the data and try to determine the problem. If the problem is not apparent on the EPE distribution system, the problem often lies on the customer's system and the customer is advised to consult a licensed electrical contractor. Whenever it is determined that the problem is with EPE's equipment, EPE takes action to resolve the issue.

EPE Quality of Service Type Inquiries

LIGHTS	Quantity
Dimming/fluctuating/voltage sag	431
Flickering Lights	952
High Voltage	95
Low Voltage	210
Overloaded Transformer	339
Total	2027

El Paso Electric Company (EPE) implements tree trimming programs in order to improve and maintain safe and reliable service for both Distribution and Transmission Facilities. EPE service territory encompasses both desert and river valley areas, which can require a fairly aggressive plan. EPE's most recent distribution and transmission tree trimming plans are detailed below:

DISTRIBUTION VEGETATION MANAGEMENT PLAN:

El Paso Electric Company's ("EPE") service territory encompasses both desert and river valley areas, thus creating a diverse population of trees. The Rio Grande River Valley has significant agricultural activity associated with large pecan orchards. Other tree-related issues in the Valley areas are in residential subdivisions where trees grow along irrigation canals and planted trees grow rapidly. Development in the desert areas presents some tree-related issues due to customers' landscaping efforts which, while significant, are not of the magnitude of that in the Valley.

Vegetation management in EPE's service territory is focused on maintaining adequate clearances between energized facilities and trees/vegetation using as guidance the American National Standard Institute (ANSI) A-300 Standard Z 133.1; and International Society of Arboriculture (ISA): Arborist Certification Guide, as amended or newly issued. The EPE Vegetation Management Program focuses on three areas: Feeder Management, Trouble Calls and New Construction.

EPE's Maintenance goals are based on two objectives: Minimize tree-related issues on its ten percent ("10%") worst performing feeders and commit to a 3-year trimming cycle for high tree density feeders and/or geographic areas.

EPE measures the above goals by first identifying the top 10% worst feeders by the end of the preceding year and scheduling the work in January of the working year. The goal is measured on a quarterly basis and is part of the Tree Trimming Supervisor's performance goals.

II. Tree Pruning Methodology, Trimming Clearances and Scheduling Approach

EPE applies ANSI Standard Z 133.1 as a guide to pruning activities necessary for defining adequate clearances between energized facilities and trees. EPE's application of this standard is intended to account for the three main concerns related to tree trimming: (1) public safety; (2) reliability; and (3) prevention of equipment damage. As a general rule, trees are pruned to improve or re-establish the clearance provided from previous tree maintenance performed.

EPE also applies ANSI Standard Z-133.1to meet the requirements of Occupational Safety Health Administration ("OSHA") Standards 1910.269 and .333 and applicable state regulations. Under these standards, non-qualified personnel should not be within ten feet of an energized power line, and EPE tries to minimize the opportunity for that to occur.

Each individual tree is assessed to determine adequate clearance required from the conductor to better prevent threats to public safety, service interruption and damage to EPE facilities.

The tree trimming work is scheduled based on the SAIDI-SAIFI indexes on the 10% worst performing feeders. As a norm, the higher indexed feeders are scheduled first along with other geographical related feeders. In addition, the feeders furthest from the 3-year cycle are taken into consideration.

III. Methods Used to Mitigate Threats Posed by Vegetation to Applicable Distribution Assets

The work pertaining to the 10% worst performing feeders is tracked based on two methods. First, all tree trimming calls are entered into an EPE database which tracks all pertinent information including feeder identification. Secondly, a feeder map from EPE's GIS data system is created and the work is identified by the tree trimming planner. The progress is reviewed on a quarterly basis. EPE hires vegetation management contractors on a performance-based contract that includes a productivity goal to help exceed or maintain the previous year's progress. Both completed trouble calls and service calls are entered into a database to track and coordinate trimming efforts in EPE's service territory.

i. Feeder Management

At the beginning of each year, a list of the 10% worst performing feeders is compiled by Distribution Dispatch. These feeders are then evaluated to see if a vegetation problem could be a contributing factor to a feeder's poor performance in the preceding year. Contractor crews are given maps of the feeders and their vegetation planner patrols the feeder and arranges any scheduling or permission issues with customers. The planner provides that information to the crew foreman to proceed with correcting problem areas. The work is tracked by feeder and by address.

EPE's focus is to trim the Distribution feeders within the service territory on a rotating three (3) year cycle. When the vegetation management contractor is not working on the worst performing feeders or correction trouble calls as discussed below, the contractor focuses on the distribution feeders within the three-year cycle plan. The contractor reports to EPE the location and number of trees trimmed.

ii. Trouble Calls

Trouble calls are an ongoing concern for EPE and they are corrected as quickly as possible because of these concerns: (1) public safety; (2) reliability; and (3) prevention of equipment damage.

Trouble calls come from many different sources: (1) customer calls; (2) internal requests; (3) storm damage; (4) reports from contractors; and (5) Distribution Line Patrol Reports.

Typically trouble calls for tree trimming are taken by Customer Service Representatives and Distribution Clerks. The information is then entered into EPE's outage management system where a Trouble Report/Referral is created. The trouble call is then classified in one of two ways.

1. If the tree trimming call is deemed an emergency, then the call is processed by Distribution Dispatch and a "trouble man" is dispatched to assess the situation. The trouble man will determine if immediate tree trimming is required or if other solutions are available. If a tree trimming crew is needed immediately, Distribution Dispatch will contact the Distribution Operations Crew Supervisor that manages the vegetation contractor, for proper resources to address the situation.

2. Other tree trimming calls are deemed to be of a service nature and are sent to the vegetation contractor directly, via the Outage Management Referral module. These calls are then completed by the contractor which typically has a dedicated crew to address these types of trouble calls. In all cases, the trouble calls are then resolved in EPE's outage management system.

iii. New Construction

During the engineering phase of a new project, the Distribution Planner will assess any tree trimming requirements for the construction of a new line or extension of an existing line. The Distribution Planner will incorporate such work into their work order and provide that information to the Construction Scheduler or to the Distribution Operations Crew supervisor managing the vegetation management contractor. The vegetation management contractor proceeds with the trimming work and reports information back to EPE when their work is completed.

IV. Tree Risk Management Program

Due to EPE's low tree density in its overall service territory, EPE does not have a Tree Risk Management Program. For the most part, any tree that may fall in this category will be identified when the feeder is inspected by either an EPE trouble man or a tree trimming planning contractor.

V. Participation In Continuing Education by the Utility's Internal Vegetation Management Personnel

EPE's Internal Vegetation Management Personnel participate in continuing education.

VI. Estimate of the Miles of Circuits Along Which Vegetation is to be Trimmed or Method for Planning Trimming Work for the Coming Year

EPE has approximately 3,040 distribution miles in its service territory to be trimmed in the coming year.

VII. Plan to Remediate Vegetation-Caused Issues on Feeders which are on the Worst Vegetation-Caused Performing Feeder list for the Preceding Calendar Year's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI)

The top 10% worst Performing Feeders are initially identified late in the year preceding the work-related year (which is subject to change). The feeders are listed in both SAIDI and SAIFI categories based on the data gathered from EPE's Outage Management System.

The tree trimming work is scheduled based on the SAIDI-SAIFI indexes on the 10% worst performing feeders. As a norm, the higher indexed feeders are scheduled first along with other geographical related feeders. In addition, the feeders furthest from the ~~3-year~~3-year cycle are taken into consideration.

VIII. Customer Education, Notification, and Outreach Practices Related to Vegetation Management

EPE notifies customers of practices related to vegetation management by contacting customers in person where vegetation management is needed. If the customers are not available at that time, EPE personnel or contractors leave door hangers with EPE's contact information. EPE utilizes customer newsletters, the Company website, and social media periodically throughout the year to promote customer education and outreach about vegetation management.

TRANSMISSION VEGETATION MANAGEMENT PLAN (TVMP):

Purpose

The TVMP is intended to meet the requirements of NERC Reliability Standard FAC-003 for vegetation management. The TVMP, along with the Transmission Line Inspection and Patrol Program (attached as Appendix A), describes the vegetation management activities for EPE's transmission lines.

Scope

The TVMP applies to all EPE personnel tasked with the patrolling and maintaining EPE's transmission lines and their associated ROWs, and transmission line design.

Applicability

The TVMP applies to all EPE transmission lines operated at greater than 200 kV as listed below (FAC-003- 3 R4.2.1):

- 35300 Line Springerville – Macho Springs (WECC Path 47)
- 35900 Line Macho Springs – Luna (WECC Path 47)
- 35600 Line Greenlee – Hidalgo (WECC Path 47)
- 35400 Line Hidalgo – Luna
- 35800 Line Luna – Afton
- 34600 Line Afton – Newman
- 34700 Line Luna – Diablo
- 34500 Line West Mesa – Arroyo (WECC Path 47)
- 35700 Line Arroyo – Newman
- 34800 Line Newman – Picante
- 34900 Line Picante – Caliente
- 35100 Line Caliente – Amrad
- 35200 Line Amrad – Artesia

EPE does not currently own or operate any transmission lines operating below 200 kV identified as an element of an Interconnection Reliability Operation Limit (IROL) under NERC Reliability Standard FAC-014 by the Planning Coordinator (FAC-003-3 Applicability Paragraph 4.2.2).

EPE does not currently own or operate any transmission lines operating at less than 200 kV that have been identified by WECC as an element of a Major WECC Transfer Path (FAC-003-3 Applicability Paragraph 4.2.3).

The TVMP includes the transmission line section from the connection inside the substation/switchyard to the first structure outside the substation fence (FAC-003-3 Applicability Paragraph 4.2.4).

EPE does not own any transmission lines applicable under FAC-003-3 Applicability Paragraph 4.3.1.

Qualifications and Training

EPE requires all personnel directly involved in the design and implementation of the TVMP to hold appropriate qualifications and training to perform their respective duties. Specifically, EPE personnel involved in the inspection of transmission ROWs and on-site vegetation management must be familiar with the requirements in the current version of NERC Reliability Standard FAC-003. Personnel involved in vegetation trimming in the proximity of live conductors, shall also be trained in accordance with OSHA Electric Standard 29 CFR 1910.269 (Appendix E). Such training shall include, but not be limited to, hot stick/barehanded and comprehensive first aid training. Additionally, personnel involved in vegetation management must also be familiar with, and perform all work in compliance with the current Transmission Line Inspection and Patrol Program. EPE may engage a contractor to perform this work if the line is de-energized and grounded, or if an OSHA qualified EPE employee is onsite to monitor activities.

Procedure and Processes

Clearances

NERC Reliability Standard FAC-003 requires EPE to provide layers of protection to prevent vegetation related outages that could lead to cascading outages by managing vegetation located on its transmission ROWs and minimizing encroachments from vegetation located adjacent to the ROW. Clearance is maintained between vegetation and conductors under all rated electrical operating conditions in order to prevent flash-over between vegetation and

conductors.

Minimum Clearance Requirements. EPE's current operating conditions are not specifically covered in FAC-003-3 under NERC MVCD - Table 2. As a result, EPE utilizes a study performed by GE Power Systems Energy Consulting for EPE of its 345 kV transmission system to determine the minimum approach distance to each of its 345 kV transmission lines, and which is incorporated by Appendix C into the TVMP. The GE Power Systems Energy Consulting study provides a more detailed description of the specifications used by EPE to manage vegetation encroachment and maintain the clearances. EPE's minimum clearance distances are to be no less that those set forth in NERC MVCD – Table 2. In conjunction with this report and in order to allow for regrowth between periods of vegetation management, the work clearances are to be at the maximum feasible distance given any environmental or physical constraints.

Inspections

Inspections and frequency of vegetation inspections of all transmission lines are performed as described in the current Transmission Line Inspection and Patrol Program (Appendix A). Results of each inspection are documented.

Work Plan

EPE's annual work plan, which includes an identification of inspection methods, is outlined in EPE's Transmission Line Inspection and Patrol Program. The work plan may be modified in response to changing conditions or to findings from vegetation inspections.

Communication of Vegetation Condition

In the event that vegetation conditions exist that present an imminent threat of a transmission line outage, the following process will be observed until the threat is relieved. If a field condition is observed which could lead to a potential outage due to vegetation, a report of the problem will be submitted to EPE's System Operators. Upon receiving a report of potentially threatening vegetation conditions, qualified EPE personnel will be dispatched to the site to do a full inspection and confirm whether a threat actually exists due to vegetation. A potential vegetation-related condition does not necessarily mean there is an imminent threat of a fault. If such a situation does not pose an imminent threat but cannot be adequately addressed at the time of inspection, the vegetation-related condition shall be noted on the transmission inspection and patrol sheet, indicating any applicable constraint and/or corrective actions taken or to be taken, which includes but is not limited to, notification to the supervisor, and the scheduling of timely vegetation management work to resolve vegetation-related condition. Vegetation-related

conditions that do not pose an immediate threat (i.e., that will not necessarily cause a fault at any moment) do not require notification to the control center. However, if the vegetation-related condition does pose an ***imminent threat***, notification of a ***confirmed imminent threat*** is to be communicated back to the EPE system control center without intentional delay (expected under normal circumstances to take place in terms of minutes or hours, as opposed to a longer time frame for corrective action plans).

In certain instances, EPE may be constrained from performing vegetation work (for example, where a landowner pursues legal action through an injunction or other vehicle to restrict EPE's access to the property, or where land rights governing the property are subject to restrictive conditions in the historical easements or other governing documents). In such instances where (a) EPE is constrained from performing vegetation work, (b) the constraint may lead to a vegetation encroachment prior to the implementation of the next annual work plan, and (c) transmission line reliability is at risk due to the constraint, then EPE will take interim corrective action to mitigate the risk to the transmission line.

Interim corrective action may include, but is not limited to, temporarily limiting the loading on the transmission line.

Constraints

Environmental Constraints. EPE owns approximately eighty (80) miles of 345 kV transmission lines that cross land with tall growing trees. This land is administered by either the US Forest Service or The Bureau of Land Management. The Environmental Impact Statement that was required to secure Special Use Permits to construct transmission facilities on federal lands necessitated the preparation of a Construction, Operation and Maintenance Plan (Appendix D).

Physical Constraints. The Arroyo to West Mesa 345 kV transmission line crosses the Rio Grande River near the northern end of Elephant Butte Lake. Six spans of this line are affected. One span crosses the river, and five more spans cross an area immediately adjacent to an irrigation canal parallel to the river. Due to the abundance of water, the vegetation in this area grows rapidly. This area also floods regularly, hindering clearing activities. Therefore, this area will be cut when access is available.

Vegetation Outage Reports

EPE submits quarterly vegetation reports to its Regional Entity, if necessary, includes any vegetation related outages.

EPE's goal is to provide quality service to our customers and respond to our customer's needs in an economical way using modern technologies. Some of the ways through which EPE improves quality of service are: Transmission and Distribution Planning, Substation and Transmission Line Maintenance, and improving feeder performance.

Transmission and Distribution Planning

EPE transmission and distribution engineers use load forecasting methods to plan for the system improvements. Load forecasting is used to determine the amount of power EPE will be expected to serve. Yearly load forecasts are developed using the historic load data and trending methods such as multiple regression are used to forecast future load growth. Engineers also work with the customers to identify the extraordinary or large spot loads that are expected to materialize.

System planning engineers evaluate EPE's transmission system under normal and single contingency conditions to comply with the North American Electric Reliability Corporation (NERC) standards and Western Electricity Coordinating Council (WECC) criteria. Engineers identify electric transmission system modifications and additions or alternatives that may be required to service the anticipated area load growth or other customers' transmission needs in the EPE service territory.

Substation Design, Construction and Maintenance

The Substation Department performs monthly inspections on all substations. Maintenance issues are fixed on-site, or if more complex or time-consuming, then documented and scheduled for repairs. Substation Department utilizes a software package called CASCADE to manage all inspection data and track maintenance on all major substation equipment. Based on inspections and maintenance data, substation equipment will be targeted for upgrades or replacement as needed.

Transmission Line Design, Construction and Maintenance

EPE performs scheduled transmission line inspections every year to identify potential maintenance issues. Major tie lines between EPE and other utilities are inspected at least twice every year. Transmission wood poles are cyclically inspected. Any issues are documented and scheduled for repairs.

Distribution Operations

EPE's Distribution System is composed of six operational areas, with assigned Distribution System engineers for each area. This enables EPE to have a dedicated engineer to assist with emergency switching, power quality issues and feeder performance/reliability analysis. EPE conducts an analysis/study of the least reliable feeders each year and improvements are implemented as needed.

EPE's Distribution Dispatch group manages and monitors all outage calls at all times, from the Distribution Dispatch center located in El Paso, Texas. Trouble calls, in addition to outage calls, are dispatched twenty-four hours per day-seven days per week from the control center.

Dispatchers use an Outage Management System (OMS) to maintain the customer's outage information. The accuracy of the outage information is reviewed by the OMS administrator, Distribution Dispatchers, Engineers, and Operations Management on a monthly basis. Distribution Dispatch also utilizes remote view only access to the Emergency Management System (EMS) for historical data and current statuses to properly assess and document larger outages that involve System Operations. Distribution Dispatch continually monitors the weather through a third-party weather services system (StormGeo).

EPE utilizes a Global Information System (GIS) model as its primary mapping system for designing and referencing, and it also serves as the model import for the OMS and the Operational viewer. The operational viewer is a Distribution System map that is utilized by field personal to troubleshoot outages. The GIS model is maintained and updated by a specific department.

EPE continues to implement a transformer replacement program that utilizes customer data and GIS data to predict overloaded service transformers. The program manager is able to identify which transformers are overloaded and thus produce a list of transformers for the field crews to replace during off peak season. This program has reduced the number of emergency transformer replacements due to overloads.

EPE manages a cable replacement program, which identifies aged underground residential cable (URD) that needs replacement. Under this program, EPE continuously replaces cable on a scheduled basis prior to cable failure. Most of the scheduled cable replacements can be done without an outage to the customers it serves because of EPE loop URD systems. EPE utilizes historical outage data to help identify areas that need additional attention.

EPE utilizes advanced technology to improve the customer experience, such as the customer app that allows customers to report outages via smart phones, and the outage map website that allows customers to view automatically calculated outage Estimated Times of Restoration (ETRs) (with manual override options). EPE continues to use traditional tools as well, such as the outage reporting hotline.

System Operations

System Operators provide 24/7 monitoring and control of the electric system in EPE's service territory. Each Operator is certified by the North American Electric Reliability Corporation. Certifications are maintained by completing required hours of continuing education and training. Situational awareness of the system is accomplished using various software applications such as an EMS, OMS, Integrated Tools for Operations Applications (iTOA) and Weather Analysis. The EMS provides SCADA information so Operators can quickly analyze outage information and initiate steps to safely restore service. It also includes a simulator which allows Operators to train on various emergency scenarios using actual system conditions. The EMS has a dedicated staff responsible for regular maintenance, updates and cyber security. The OMS provides an electronic map of the distribution system so Operators can evaluate system status and develop detailed plans to restore service to customers in case of an outage. The iTOA application is a centralized outage planning, executing, and tracking system. All planned and forced outages are managed within this application to ensure system maintenance does not compromise stability. StormGeo

weather forecasting provides Operators with lightning, rain, wind, and wildfire information to prepare for planned linework or help determine probable causes of line outages.

El Paso Electric Company did not file any IE-24 Reports (Form 417-R) to the U.S. Department of Energy during the test year (January 1, 2020 to December 31, 2020).

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-13.3: CONTINUITY OF SERVICE
SPONSOR: R. CLAY DOYLE
PREPARER: JASON VILLANUEVA
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

Year	Continuity of Service Index [1]	Customer Average Interruption Duration Index (CAIDI) [2] (Hours)
TEST YEAR	0.99987	1.29
2019	0.99987	1.27
2018	0.99991	1.18
2017	0.99985	1.31
2016	0.99986	1.49
2015	0.99981	1.82
2014	0.99987	1.34
2013	0.99991	1.54
2012	0.99987	1.63
2011	0.99952	0.98
Average	0.99983	1.39

Notes:

[1] Continuity of Service Index = $\frac{\text{Customer Hours Possible} - \text{Customer Hours Outage}}{\text{Customer Hours Possible}}$

(Average System Availability Index per Institute of Electrical and Electronics Engineers Standard 1366)

Customer Hours Possible = Total Number of Customers x Period Hours

Customer Hours Outage = A Summation of [Number of Customers Affected by Each Outage x Average Length (In Hours) of Each Interruption or Outage]

Period Hours = Number of Hours per Specified Unit of Time (Example: 8,760 hours per 365-day year)

[2] Customer Average Interruption Duration Index (CAIDI). Includes forced, planned, and outside-caused outages – excludes major event outages.

CAIDI (per IEEE 1366) = $\frac{\text{Summation of Customer Interruption Durations}}{\text{Total Number of Customer Interruptions}}$

El Paso Electric Company ("EPE") interprets this schedule to mean any wheeling the Company provided to Qualifying Facilities ("QF") or others during the test year. EPE did not provide wheeling to any QFs during the test year. EPE did, however, provide transmission service across transmission facilities on a non-firm, as available basis, as shown on the following pages.

Page 2 presents the maximum contractual amount of the non-firm energy provided. No amount is given if there is no such contractual limit.

EPE cannot, with the exception of the megawatt-hours ("MWh") delivery, ascertain the monthly megawatt amount wheeled. EPE therefore, can only provide the actual MWh wheeled between the points described as shown on page 3.

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-14.1a. AVAILABLE CAPACITY WHEELING
SPONSOR. R. CLAY DOYLE
PREPARER· GREG GRILL
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

AVAILABLE CAPACITY WHEELING (COMPANY-WIDE SUMMARY FOR THE TEST YEAR)

From	To	Jan 2020	Feb 2020	Mar 2020	Apr 2020	May 2020	Jun 2020	Jul 2020	Aug 2020	Sep 2020	Oct 2020	Nov 2020	Dec 2020	Period Total
MEGAWATTS (MW)														
Afton	Amrad	-	-	-	-	-	-	-	-	-	-	-	-	-
Afton	Springerville	-	-	-	-	-	-	-	-	-	-	-	-	-
Afton	Westmesa	-	-	-	-	-	-	-	-	-	-	-	-	-
Amrad	Springerville	-	-	-	-	-	-	-	-	-	-	-	-	-
Eddy	Springerville	-	-	-	-	-	-	-	-	-	-	-	-	-
Empire	Greenlee	-	-	-	-	-	-	-	-	-	-	-	-	-
Empire	Springerville	-	-	-	-	-	-	-	-	-	-	-	-	-
EPE System	Greenlee	-	-	-	-	-	-	-	-	-	-	-	-	-
EPE System	Springerville	-	-	-	-	-	-	-	-	-	-	-	-	-
Greenlee	EPE System	-	-	-	-	-	-	-	-	-	-	-	-	-
Hidalgo	EPE System	-	-	-	-	-	-	-	-	-	-	-	-	-
Jojoba	Palo Verde	-	-	-	-	-	-	-	-	-	-	-	-	-
Jojoba	Westwing	-	-	-	-	-	-	-	-	-	-	-	-	-
Luna	Afton	-	-	-	-	-	-	-	-	-	-	-	-	-
Luna	EPE System	-	-	-	-	-	-	-	-	-	-	-	-	-
Luna	Greenlee	-	-	-	5	2	-	-	-	7	-	-	-	14
Luna	Hidalgo	-	-	-	-	-	-	-	-	-	-	-	-	-
Luna	Springerville	-	-	-	-	-	-	-	-	-	-	-	-	-
Macho Springs	Greenlee	-	-	-	-	-	-	-	-	-	-	-	-	-
Macho Springs	Hidalgo	-	-	-	-	-	-	-	-	-	-	-	-	-
Macho Springs	Luna	-	-	-	-	-	-	-	-	-	-	-	-	-
Macho Springs	Springerville	-	-	-	-	-	-	-	-	-	-	-	-	-
Palo Verde	Westwing	-	-	-	-	-	-	-	-	-	-	-	-	-
Springerville	Eddy	-	-	-	-	-	-	-	-	-	-	-	-	-
Springerville	Empire	-	-	-	-	-	-	-	-	-	-	-	-	-
Springerville	EPE System	-	-	-	-	-	-	-	-	-	-	-	-	-
Springerville	Las Cruces	-	-	-	-	-	-	-	-	-	-	-	-	-
Springerville	Luna	-	-	-	-	-	-	-	-	-	-	-	-	-
Westmesa	Amrad	-	-	-	-	-	-	-	-	-	-	-	-	-
Westmesa	EPE System	-	-	-	-	-	-	-	-	-	-	-	-	-
Westmesa	Las Cruces	-	-	-	-	-	-	-	-	-	-	-	-	-
Westwing	Palo Verde	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	5	2	-	-	-	7	-	-	-	14

SCHEDULE H-14.1a
PAGE 2 OF 3

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-14 1a AVAILABLE CAPACITY WHEELING
SPONSOR. R CLAY DOYLE
PREPARER: GREG GRILL
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

AVAILABLE CAPACITY WHEELING (COMPANY-WIDE SUMMARY FOR THE TEST YEAR)

From	To	Jan 2020	Feb 2020	Mar 2020	Apr 2020	May 2020	Jun 2020	Jul 2020	Aug 2020	Sep 2020	Oct 2020	Nov 2020	Dec 2020	Period Total
MEGAWATT HOURS (MWh)														
Afton	Amrad	-	-	-	-	44	-	-	-	-	-	-	-	44
Afton	Springerville	-	-	-	-	-	-	-	-	-	-	1,276	-	1,276
Afton	Westmesa	-	-	6	-	1	-	-	14	-	-	-	-	21
Amrad	Springerville	-	-	-	-	-	-	1	10,699	2,398	-	-	-	13,098
Eddy	Springerville	-	-	-	-	-	-	1,143	1,870	8,844	-	-	-	11,857
Empire	Greenlee	-	-	-	-	-	-	-	-	-	-	15	-	15
Empire	Springerville	-	-	-	-	-	-	-	-	-	5	101	599	705
EPE System	Greenlee	-	-	-	6,395	-	-	-	-	-	-	-	-	6,395
EPE System	Springerville	-	-	-	373	147	-	-	-	-	28	-	-	548
Greenlee	EPE System	-	-	-	-	-	32	-	-	-	-	-	-	32
Hidalgo	EPE System	-	-	-	-	-	-	-	-	20	-	-	-	20
Jojoba	Palo Verde	3,200	20	-	-	-	-	3,013	2,401	-	-	-	200	8,834
Jojoba	Westwing	23	24,607	-	1,140	2,113	726	2,089	10,506	833	-	1,321	1,279	44,637
Luna	Afton	-	-	-	-	-	-	-	-	31	-	-	-	31
Luna	EPE System	-	-	-	-	-	125	-	-	-	-	-	-	125
Luna	Greenlee	379	813	2,377	3,809	1,070	2,019	2,671	3,946	4,175	1,570	3,789	2,555	29,173
Luna	Hidalgo	-	-	-	-	-	-	-	-	-	-	91	-	91
Luna	Springerville	-	-	-	573	-	3	30	7	3,444	1,526	2,576	4,042	12,201
Macho Springs	Greenlee	-	-	-	-	-	93	-	-	-	-	-	-	93
Macho Springs	Hidalgo	-	-	101	-	-	-	-	-	-	-	-	-	101
Macho Springs	Luna	-	-	298	229	-	-	-	-	-	-	282	-	809
Macho Springs	Springerville	15	1,137	100	235	642	1,633	425	325	1,050	2,098	3,049	2,853	13,562
Palo Verde	Westwing	128,627	95,030	57,825	65,737	130,990	129,679	206,997	143,749	156,070	157,291	126,845	74,381	1,473,221
Springerville	Eddy	-	-	-	-	-	-	20	-	-	-	-	-	20
Springerville	Empire	-	-	-	-	-	-	-	-	-	-	17	39	56
Springerville	EPE System	-	-	-	3,357	1,270	-	60	27	-	-	-	-	4,714
Springerville	Las Cruces	-	-	-	46	-	-	-	-	-	-	-	-	46
Springerville	Luna	-	-	372	-	-	834	834	-	-	131	-	33	2,204
Westmesa	Amrad	2,328	-	-	-	823	42	-	-	-	-	-	-	3,193
Westmesa	EPE System	-	-	51	-	-	50	110	-	-	-	-	-	211
Westmesa	Las Cruces	-	2,053	-	-	-	-	-	-	-	-	44	-	2,097
Westwing	Palo Verde	425	-	-	10	311	-	5	821	249	1,591	-	-	3,412
Total		134,997	123,660	61,130	81,904	137,411	135,236	217,398	174,365	177,114	164,240	139,406	85,981	1,632,842

El Paso Electric Company ("EPE") interprets this schedule to mean any wheeling EPE planned to provide to Qualifying Facilities ("QF") or others, under existing contracts during the test year.

EPE did not provide wheeling to any QFs during the test year. EPE did, however, provide transmission service under a number of existing FERC-jurisdictional transmission agreements across transmission facilities, as shown on the following pages.

Page 2 presents the maximum capacity that EPE reserved for use by others via EPE's Open Access Same-time Information System (OASIS) on a Long-Term Firm basis and a Short-Term Firm basis. Page 3 presents actual firm megawatt-hours (MWh) wheeled on a Long-Term Firm basis and a Short-Term Firm basis between the points described as shown on the schedule.

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE H-14 1b· PLANNED CAPACITY WHEELING
SPONSOR R. CLAY DOYLE
PREPARER· GREG GRILL
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

PLANNED CAPACITY WHEELING (COMPANY-WIDE SUMMARY FOR THE TEST YEAR)

From	To	Jan 2020	Feb 2020	Mar 2020	Apr 2020	May 2020	Jun 2020	Jul 2020	Aug 2020	Sep 2020	Oct 2020	Nov 2020	Dec 2020	Period Total
MEGAWATTS (MW)														
LONG-TERM FIRM														
Afton	Springerville	94	94	94	94	94	94	94	94	94	94	94	94	1,128
Afton	Westmesa	141	141	141	141	141	141	141	141	141	141	141	141	1,692
EPE System	Coyote/Farmer	6	7	5	9	11	13	14	13	10	7	4	6	105
Jojoba	Kyrene	142	142	142	142	142	142	142	142	142	142	142	142	1,704
Luna	Greenlee	30	30	30	30	30	30	30	30	30	30	30	30	360
Luna	Springerville	60	60	60	60	60	60	60	60	60	60	60	60	720
Palo Verde	Westwing	330	330	330	330	330	330	330	330	330	330	330	330	3,960
Springerville	Las Cruces/Orogrande	50	50	50	50	50	50	50	50	50	50	50	50	600
Westmesa	Amrad	25	25	25	25	25	25	25	25	25	25	25	25	300
Westmesa	Holloman	2	2	2	2	2	2	2	2	2	2	2	2	24
SHORT-TERM FIRM														
Afton	Amrad	-	-	-	-	-	-	-	-	-	-	-	-	0
Afton	Luna	-	-	-	-	-	-	-	-	-	-	-	-	0
Afton	Westmesa	-	-	-	-	-	-	-	-	-	-	-	-	0
Afton	Springerville	-	-	-	-	-	-	-	-	-	-	-	-	0
Amrad	Springerville	-	-	-	-	-	-	65	65	-	-	-	-	130
Eddy	Springerville	-	-	-	-	-	-	-	-	250	65	65		380
Empire	Springerville	-	-	-	-	-	-	-	-	-	185	185	250	620
Greenlee	Luna	-	-	-	-	-	-	-	-	-	-	-	-	0
Jojoba	Kyrene	-	-	-	-	-	-	-	-	-	-	-	-	0
Jojoba	Palo Verde	-	-	-	-	-	-	-	-	-	-	-	-	0
Las Cruces	Amrad	-	-	-	-	-	-	-	-	-	-	-	-	0
Luna	Afton	-	-	-	-	-	-	-	-	-	-	-	-	0
Luna	Amrad	-	-	-	-	-	-	-	-	-	-	-	-	0
Luna	Greenlee	-	-	-	-	-	-	-	-	-	-	-	-	0
Luna	Springerville	-	-	-	-	-	-	-	-	-	-	-	-	0
Macho Springs	Springerville	10	10	10	10	10	10	10	10	10	10	10	10	120
Palo Verde	Westwing	-	-	-	-	-	-	-	-	4	-	-	-	4
Springerville	Empire	-	-	-	-	-	-	-	-	-	-	-	-	0
Springerville	Holloman	-	-	-	-	-	-	-	-	-	-	-	-	0
Springerville	Las Cruces/Orogrande	-	-	-	-	-	-	-	-	-	-	-	-	0
Westmesa	Amrad	-	-	-	-	-	-	-	-	-	-	-	-	0
Westmesa	Holloman	-	-	-	-	-	-	-	-	-	-	-	-	0
Westwing	Palo Verde	-	-	-	-	-	-	-	-	-	-	-	-	0

SCHEDULE H-14 1b
PAGE 2 OF 3

PLANNED CAPACITY WHEELING (COMPANY-WIDE SUMMARY FOR THE TEST YEAR)

From	To	Jan 2020	Feb 2020	Mar 2020	Apr 2020	May 2020	Jun 2020	Jul 2020	Aug 2020	Sep 2020	Oct 2020	Nov 2020	Dec 2020	Period Total
MEGAWATT HOURS (MWh)														
LONG-TERM FIRM														
Afton	Springerville	9,787	16,078	38,374	28,495	15,328	13,674	22,164	31,535	27,949	16,579	29,530	22,183	271,676
Afton	Westmesa	13,975	20,923	45,227	33,361	18,472	16,823	46,490	59,422	52,078	20,695	32,515	16,722	376,703
EPE System	Coyote/Farmer	3,365	3,866	4,049	5,023	6,449	7,451	8,058	8,377	5,401	3,803	3,328	4,047	63,217
Jojoba	Kyrene	54,432	51,907	14,016	57,350	61,985	77,728	74,206	73,446	54,658	13,547	16,425	41,016	590,716
Luna	Greenlee	15,022	15,733	18,552	15,096	16,483	14,397	20,238	20,128	15,914	11,880	14,628	14,689	192,760
Luna	Springerville	19,621	23,263	26,071	23,244	21,103	18,302	21,463	24,687	20,702	13,946	15,530	17,572	245,504
Palo Verde	Westwing	48,756	86,392	43,774	53,984	86,434	83,191	61,901	40,965	65,026	60,761	70,252	62,809	764,245
Springerville	Las Cruces/Orogrande	33,265	33,686	16,542	23,619	29,739	32,625	34,358	36,064	30,437	33,223	32,300	35,498	371,356
Westmesa	Amrad	13,637	9,381	3,273	4,573	9,227	11,778	8,465	5,866	3,185	8,135	1,972	6,837	86,329
Westmesa	Holloman	717	615	684	475	556	800	676	635	601	654	520	426	7,359
SHORT-TERM FIRM														
Afton	Amrad	2,229	5,235	11,486	7,130	5,128	6,564	18,307	25,920	16,715	8,288	11,731	8,083	126,816
Afton	Luna	2,030	2,971	7,992	6,283	4,260	7,134	17,111	21,448	15,545	6,188	18,933	18,963	128,858
Afton	Westmesa	2,530	1,806	3,278	2,836	1,663	809	2,028	2,523	2,205	875	3,748	707	25,008
Afton	Springerville	500	1,879	2,530	1,205	648	578	938	1,334	1,182	702	1,999	938	14,433
Amrad	Springerville	-	-	-	-	-	-	1,178	822	-	-	-	-	2,000
Eddy	Springerville	-	-	-	-	-	-	-	-	-	-	-	-	0
Empire	Springerville	-	-	-	-	-	-	-	-	-	3,011	13,722	39,244	55,977
Greenlee	Luna	119	89	76	86	118	132	122	93	85	100	76	103	1,199
Jojoba	Kyrene	237	185	69	256	306	356	391	316	318	84	82	173	2,773
Jojoba	Palo Verde	25,541	85,527	2,470	-	83,480	78,197	98,441	80,024	161,320	44,413	56,279	205,614	921,306
Las Cruces	Amrad	-	-	-	-	-	105	-	-	-	-	-	-	105
Luna	Afton	-	-	-	-	-	-	-	-	9	-	3	-	12
Luna	Amrad	-	-	-	-	381	165	-	-	-	-	1,078	2,210	3,834
Luna	Greenlee	636	665	785	639	697	609	856	851	673	502	619	621	8,153
Luna	Springerville	4,946	3,929	5,358	8,183	3,595	2,821	4,173	7,727	3,348	1,469	2,107	2,706	50,362
Macho Springs	Springerville	7,170	6,355	7,895	10,354	8,667	6,835	4,628	2,980	2,971	3,383	3,138	3,917	68,293
Palo Verde	Westwing	195	481	180	431	500	450	283	669	776	1,658	639	464	6,726
Springerville	Empire	-	-	-	-	-	-	-	-	-	67	-	5	72
Springerville	Holloman	-	-	-	-	-	-	-	-	-	-	81	248	329
Springerville	Las Cruces/Orogrande	1,408	4,896	701	999	1,258	1,380	1,453	1,525	1,288	1,404	1,365	1,501	19,178
Westmesa	Amrad	2,258	397	138	193	3,707	6,226	6,133	248	135	345	84	340	20,204
Westmesa	Holloman	31	26	29	20	24	34	29	27	26	27	22	18	313
Westwing	Palo Verde	210	456	487	-	30	-	241	2,725	849	22,690	784	-	28,472
Total		262,617	376,741	254,036	283,835	380,238	389,164	454,331	450,357	483,396	278,429	333,490	507,654	4,454,288

Please see attached. EPE has provided the required information using two methodologies:

- PUCT methodology per 16 Tex. Admin. Code § 23.66(d)(5)(B) in the previous rate case, and
- EPE Methodology.

The PUCT 16 Tex. Admin. Code § 23.66(d)(5)(B) is a requirement in the rate filing package although the rule no longer exists. EPE created ratings using the assumptions from the previous rate case to complete this requirement. The assumptions used to calculate the ratings for this requirement are an ambient temperature of 25 degrees Celsius, a wind velocity of 1.4 miles per hour, a wind angle of 90 degrees, a conductor temperature of 75 degrees Celsius, an emissivity of 0.5 and an altitude of 3,918 feet with the exception of 345 kV lines. The altitudes used for 345 kV line ampacity calculations were based on the actual highest elevation point for those lines.

EPE has also provided the required information using the actual EPE methodology using local conditions as listed below. EPE is in the process of rating all lines using a consistent methodology based on studies and collaboration with Public Service Company of New Mexico (PNM) on jointly owned lines. As of the date of this filing, EPE uses three methods for calculating line ratings as shown below. These conditions are more appropriate for EPE's area than the previous PUCT 16 Tex. Admin. Code § 23.66(d)(5)(B) requirements

69 and 115 kV lines – Ambient temperature of 40 degrees Celsius, a wind velocity of 2.7 miles per hour at an angle of 90 degrees to the conductor, a conductor temperature of 75 degrees Celsius, an emissivity of 0.5 and an altitude 3,918 feet.

345 kV EPE owned lines – Ambient temperature of 40 degrees Celsius, a wind velocity of 2.5 mile per hour at an angle of 60 degrees to the conductor, a conductor temperature of 75 degrees Celsius, an emissivity of 0.5 and an altitude of the highest point on the line.

345 kV joint owned EPE/PNM lines - Ambient temperature of 40 degrees Celsius, a wind velocity of 1.4 miles per hour at an angle of 90 degrees to the conductor, a conductor temperature of 75 degrees Celsius, an emissivity of 0.5 and an altitude of the highest point on the line.

Lines where thermal ratings are less than 75 degrees Celsius due to sag limitations in the EPE methodology are denoted with an asterisk in the line rating tables.

WHEELING INFORMATION
USING PUCT 16 TAC §23 66(d)(5)(B) AMBIENT CONDITIONS

Description	Length (miles)	Thermal Rating (amps)	80% Thermal Rating (amps)	MW-Miles
69 kV Transmission Lines				
Alamo Alto to Neely	50 72	353	282	1,711 80
Austin to Ascarate	2 31	702	562	155 04
Clint to Felipe	11 33	353	282	382 39
Cox to Apollo	15 12	353	282	510 30
Dallas to Ascarate	5 80	702	562	389 28
Dyer to Austin	2 15	702	562	144 30
Farah to Scotsdale	2 05	702	562	137 59
Felipe to Alamo	10 18	353	282	343 58
Lane to Americas	3 62	702	562	242 97
Mann to Lane	2 97	702	562	199 34
Mann to Scotsdale	3 19	702	562	214 11
Neely to Farmer	33 34	353	282	1,125 23
Phelps Dodge to Ascarate	0 43	702	562	28 86
Phelps Dodge to Viscount	1 56	702	562	104 70
Rio Grande Co OP to Farmer	3 37	353	282	113 74
Rio Bosque to Ascarate	10 21	702	562	685 27
Rio Grande to Border Steel	12 91	512	410	631 97
Rio Grande to Sunset	5 02	466	373	223 66
Rio Grande to Sunset	5 65	466	373	251 73
Santa Fe to Dallas	1 93	702	562	129 54
Scotsdale to Austin	4 69	702	562	314 78
Socorro to Rio Bosque	2 39	702	562	160 41
Socorro to Valley	1 82	702	562	122 15
Sparks to Felipe	12 87	512	410	630 01
Santa Fe to Sunset	2 88	962	770	264 89
Valley to Americas	4 87	702	562	326 86
Valley to Clint	3 31	512	410	162 03
Viscount to Farah	1 94	702	562	130 21
69 kV Total	218 63			9,836 74

WHEELING INFORMATION
USING PUCT 16 TAC §23 66(d)(5)(B) AMBIENT CONDITIONS

Description	Length (miles)	Thermal Rating (amps)	80% Thermal Rating (amps)	MW-Miles
115 kV Transmission Lines				
Airport to Mimbres Tap	2 70	638	510	274 49
Amrad to Holloman	22 53	654	523	2,347 94
Anthony to Border Steel	5 15	859	687	704 93
Anthony to Newman	12 30	859	687	1,683 63
Anthony to Nuway	6 56	859	687	897 94
Anthony to Salopek	17 30	859	687	2,368 03
Arroyo to Anthony	24 39	659	626	3,041 20
Ascarate to Copper	1 36	962	770	208 48
Ascarate to Juarez	2 38	965	772	365 98
Ascarate to Trowbridge	0 54	711	569	61 18
Austin to Marlow	1 18	888	710	166 97
Biggs to Bliss Industrial	2 19	962	770	335 71
Butterfield to Ft Bliss	1 85	702	562	206 95
Caliente to Diamond Head	6 06	965	772	931 86
Caliente to Vista	6 60	862	690	906 57
Caliente to MPS	3 10	353	282	174 38
Caliente to MPS	8 53	973	778	1,322 54
Caliente to MPS	3 10	973	778	480 64
Chaparral to Oro Grande	35 38	702	562	3,958 15
Copper to Pendale	5 11	962	770	783 33
Coyote to MPS	3 09	973	778	479 09
Coyote to Dell City	10 80	232	186	399 26
Cromo to Rio Grande	0 95	702	562	106 27
Diablo to Juarez	2 28	965	772	350 60
Diablo to Rio Grande 1	2 90	1,724	1,379	796 68
Diablo to Rio Grande 2	2 90	1,724	1,379	796 68
Diamond Head to Lane	2 80	965	772	430 56
Durazno to Ascarate	3 30	962	770	505 87
Dyer to Austin	2 08	962	770	318 85
Dyer to Shearman	9 63	702	562	1,077 24
Executive to Rio Grande	2 94	1,404	1,123	657 75
Ft Bliss to Austin	1 76	702	562	196 88
Global Reach to Vista	2 98	888	710	421 67
Hatch to Jornada	33 44	349	279	1,859 69
Jornada to Arroyo	4 87	446	357	346 11
Lane to Wrangler	1 04	859	687	142 36
Las Cruces to Arroyo	4 08	859	687	558 47
Las Cruces to Salopek	5 01	859	687	685 77
Leo East to Dyer	3 76	962	770	576 38
Leo East to Milagro	4 39	962	770	672 96
Liberty to Global Reach	2 58	962	770	395 50
Liberty to Bliss Industrial	2 17	962	770	332 65
MAR to Largo	11 35	318	254	575.14
Marlow to Trowbridge	1 08	711	569	122 36
Mesa to Austin	6 09	859	687	833 33
Mesa to Rio Grande	2 31	888	710	326 87
Milagro to Newman	6 29	962	770	964 22
Montwood to Caliente	4 98	962	770	763.40
Montwood to Coyote	7 85	962	770	1,203 35
Montwood to MPS	7 02	973	778	1,088 42
Newman to Butterfield	16 70	702	562	1,868 11
Newman to Chaparral	2 88	702	562	322 16
Newman to Picante	13 56	962	770	2,078 66
Newman to Pipeline	9 78	962	770	1,499 21
Newman to Shearman	7 25	702	562	811 01
Nuway to Montoya	3 62	859	687	495 51
Oro Grande to Amrad	7 86	702	562	879 24
Patriot to Cromo	18 44	702	562	2,062 75
Patriot to Newman	1 48	702	562	165.56
Pelicano to Horizon	6 74	962	770	1,033 20
Pelicano to Montwood	3 80	962	770	582 52
Pendale to Lane	1 52	962	770	233 01
Picante to Biggs	2 30	962	770	352 57
Picante to Global Reach	5 98	962	770	916.69
Pipeline to Biggs	13 65	702	562	1,526 93
Rio Grande to Ripley	3 03	859	687	414 75
Ripley to Thorn	1 86	702	562	208 06
Salopek to Arroyo	10 71	702	562	1,198 05
Santa Teresa to Diablo	8 88	878	702	1,242 38
Santa Teresa to Montoya	7 38	962	770	1,131 31
Scotsdale to Vista	5 18	702	562	579 45
SOL to Lane	2 10	702	562	234 91
SOL to Vista	2 00	962	770	306 59
Sparks to Horizon	3 84	962	770	588 65
Sunset North to Durazno	4 63	962	770	709 75
Sunset North to Executive	2 25	1,404	1,123	503 38
Thorn to Montoya	2 99	702	562	334 47
White Sands to Oro Grande	22 80	431	345	1,565 89
Wrangler to Sparks	3 97	512	410	323 90
345kV Total	522 21			63,373 93

WHEELING INFORMATION
USING PUCT 16 TAC §23 66(d)(5)(B) AMBIENT CONDITIONS

Description	Length (miles)	Thermal Rating (amps)	80% Thermal Rating (amps)	MW-Miles
345 kV Transmission Lines				
Amrad to Empire	125 10	1,222	978	73,079 95
Caliente to Amrad	56 66	1,630	1,304	44,150 32
Caliente to Picante	7 26	1,636	1,309	5,677 92
Empire to Eddy	0.46	1,688	1,350	371 19
Hidalgo to Greenlee	59 95	1,592	1,274	45,624 90
Luna to Afton	57 26	1,706	1,365	46,698 19
Luna to Diablo	84 90	1,804	1,443	73,217 34
Luna to Hidalgo	50 50	1,468	1,174	35,439 46
Macho Springs to Luna	24 86	1,914	1,531	22,746 40
Macho Springs to Springerville	201 38	1,538	1,230	148,061 58
Newman to Afton	29 88	1,710	1,368	24,425 67
Newman to Arroyo	30 31	1,452	1,162	21,038 86
Picante to Newman	16 20	1,634	1,307	12,654.26
West Mesa to Arroyo	201 75	1,420	1,136	136,953 01
345 kV Total	946 47			690,139 08
500 kV Transmission Lines				
Palo Verde to Kyreen	75 00	4,395	3,516	42,705 34
Palo Verde to Westwing I	45 00	4,395	3,516	25,623 20
Palo Verde to Westwing II	45 00	4,395	3,516	25,623 20
500 kV Total	165.00			93,951 74

Note The method for calculating the "thermal rating" of a transmission line is defined in 16 TAC §23 66(d)(5)(B)

WHEELING INFORMATION
USING EPE LOCAL AMBIENT CONDITIONS

Description	Length (miles)	Thermal Rating (amps)	80% Thermal Rating (amps)	MW-Miles
69 kV Transmission Lines				
Alamo Alto to Neely	50 72	344	275	1,668 16
Austin to Ascarate	2 31	680	544	150 18
Clint to Felipe	11 33	344	275	372 64
Cox to Apollo	15 12	344	275	497 29
Dallas to Ascarate	5 80	680	544	377 08
Dyer to Austin	2 15	680	544	139 78
Farah to Scotsdale	2 05	680	544	133 28
Felipe to Alamo	10 18	344	275	334 82
Lane to Americas	3 62	680	544	235 35
Mann to Lane	2 97	680	544	193 09
Mann to Scotsdale	3 19	680	544	207 40
Neely to Farmer	33 34	344	275	1,096 54
Phelps Dodge to Ascarate	0 43	680	544	27 96
Phelps Dodge to Viscount	1 56	680	544	101 42
Rio Grande Co OP to Farmer	3 37	344	275	110 84
Rio Bosque to Ascarate	10 21	680	544	663 80
Rio Grande to Border Steel	12 91	497	398	613 45
Rio Grande to Sunset	5 02	454	363	217 90
Rio Grande to Sunset	5 65	454	363	245 25
Santa Fe to Dallas	1 93	680	544	125 48
Scotsdale to Austin	4 69	680	544	304 92
Socorro to Rio Bosque	2 39	680	544	155 38
Socorro to Valley	1 82	680	544	118 33
Sparks to Felipe	12 87	497	398	611 55
Santa Fe to Sunset	2 88	928	742	255 53
Valley to Americas	4 87	680	544	316 62
Valley to Clint	3 31	497	398	157 28
Viscount to Farah	1 94	680	544	126 13
69 kV Total	218 63			9,557 44

WHEELING INFORMATION
USING EPE LOCAL AMBIENT CONDITIONS

Description	Length (miles)	Thermal Rating (amps)	80% Thermal Rating (amps)	MW-Miles	
115 kV Transmission Lines					* = Thermal Rating SAG Limited
Airport to Mimbres Tap	2 70	618	494	265 89	
Amrad to Holloman	22 53	609	487	2,186 39	*
Anthony to Border Steel	5 15	830	664	681 14	
Anthony to Newman	12 30	830	664	1,626 79	
Anthony to Nuway	6 56	830	664	867 62	
Anthony to Salopek	17 30	830	664	2,288 09	
Arroyo to Anthony	24 39	571	457	2,219 20	*
Ascarate to Copper	1 36	928	742	201 11	
Ascarate to Juarez	2 38	931	745	353 08	
Ascarate to Trowbridge	0 54	910	728	78 30	
Austin to Marlow	1 18	1,141	913	214 54	
Biggs to Bliss Industrial	2 19	928	742	323 85	
Butterfield to Ft Bliss	1 85	680	544	200 46	
Caliente to Diamond Head	6 06	931	745	899 02	
Caliente to Vista	6.60	833	666	876 07	
Caliente to MPS	3 10	344	275	169 93	
Caliente to MPS	8 53	1,346	1,077	1,829 54	
Caliente to MPS	3 10	1,346	1,077	664 90	
Chaparral to Oro Grande	35 38	680	544	3,834 11	
Copper to Pendale	5 11	928	742	755 64	
Coyote to MPS	3 09	1,249	999	614 99	
Coyote to Dell City	10 80	115	92	197 91	*
Cromo to Rio Grande	0 95	680	544	102 94	
Diablo to Juarez	2 28	931	745	338 25	
Diablo to Rio Grande 1	2 90	1,666	1,333	769 88	
Diablo to Rio Grande 2	2 90	1,666	1,333	769 88	
Diamond Head to Lane	2 80	931	745	415 39	
Durazno to Ascarate	3 30	928	742	487 99	
Dyer to Austin	2 08	928	742	307 58	
Dyer to Shearman	9 63	680	544	1,043 48	
Executive to Rio Grande	2 94	1,360	1,088	637 14	
Ft Bliss to Austin	1 76	680	544	190 71	
Global Reach to Vista	2 98	1,653	1,322	784 94	
Hatch to Jomada	33 44	228	182	1,214 93	*
Jomada to Arroyo	4 87	398	318	308 86	*
Lane to Wrangler	1 04	830	664	137 55	
Las Cruces to Arroyo	4 08	830	664	539 62	
Las Cruces to Salopek	5 01	830	664	662 62	
Leo East to Dyer	3 76	928	742	556 01	
Leo East to Milagro	4 39	928	742	649 17	
Liberty to Global Reach	2 58	928	742	381 52	
Liberty to Bliss Industrial	2 17	928	742	320 89	
MAR to Largo	11 35	145	116	262 25	*
Marlow to Trowbridge	1 08	910	728	156 61	
Mesa to Austin	6 09	830	664	805 20	
Mesa to Rio Grande	2 31	1,347	1,078	495 82	
Milagro to Newman	6 29	928	742	930 14	
Montwood to Caliente	4 98	928	742	736 42	
Montwood to Coyote	7 85	928	742	1,160 82	
Montwood to MPS	7 02	1,249	999	1,397 17	
Newman to Butterfield	16 70	680	544	1,809 56	
Newman to Chaparral	2 88	680	544	312 07	
Newman to Picante	13 56	928	742	2,005 19	
Newman to Pipeline	9 78	928	742	1,446 22	
Newman to Shearman	7 25	680	544	785 59	
Nuway to Montoya	3 62	830	664	478 78	
Oro Grande to Amrad	7 86	680	544	851 69	
Patriot to Cromo	18 44	680	544	1,998 10	
Patriot to Newman	1 48	680	544	160 37	
Pelicano to Horizon	6 74	928	742	996 68	
Pelicano to Montwood	3 80	928	742	561 93	
Pendale to Lane	1 52	928	742	224 77	
Picante to Biggs	2 30	928	742	340 11	
Picante to Global Reach	5 98	928	742	884 30	
Pipeline to Biggs	13 65	680	544	1,479 07	
Rio Grande to Ripley	3 03	830	664	400 75	
Ripley to Thorn	1 86	680	544	201 54	
Salopek to Arroyo	10 71	680	544	1,160 50	
Santa Teresa to Diablo	8 88	848	678	1,199 93	
Santa Teresa to Montoya	7 38	928	742	1,091 32	
Scotsdale to Vista	5 18	680	544	561 29	
SOL to Lane	2 10	680	544	227 55	
SOL to Vista	2 00	928	742	295 75	
Sparks to Horizon	3 84	928	742	567 84	
Sunset North to Durazno	4 63	928	742	684 66	
Sunset North to Executive	2 25	1,360	1,088	487 61	
Thorn to Montoya	2 99	680	544	323 99	
White Sands to Oro Grande	22 80	372	298	1,351 53	*
Wrangler to Sparks	3 97	497	398	314 41	
115 kV Total	522 21			61,115 46	

WHEELING INFORMATION
USING EPE LOCAL AMBIENT CONDITIONS

Description	Length (miles)	Thermal Rating (amps)	80% Thermal Rating (amps)	MW-Miles	
345 kV Transmission Lines					* = Thermal Rating SAG Limited
Amrad to Empire	125 10	708	566	42,340 92	*
Caliente to Amrad	56 66	1,314	1,051	35,591 12	*
Caliente to Picante	7 26	1,318	1,054	4,574 27	*
Empire to Eddy	0 46	1,434	1,147	315 34	
Hidalgo to Greenlee	59 95	1,260	1,024	36,683 34	*
Luna to Afton	57 26	1,542	1,234	42,209 04	*
Luna to Diablo	84 90	1,572	1,258	63,801 36	*
Luna to Hidalgo	50 50	1,102	882	26,603 74	*
Macho Springs to Luna	24 86	1,726	1,381	20,512 17	
Macho Springs to Springerville	201 38	1,218	974	117,255 53	*
Newman to Afton	29 88	1,546	1,237	22,083 09	*
Newman to Arroyo	30 31	1,172	938	16,981 78	*
Picante to Newman	16 20	1,316	1,053	10,191 56	*
West Mesa to Arroyo	201 75	1,138	910	109,755 30	*
345 kV Total	946 47			548,898 55	
500 kV Transmission Lines					
Palo Verde to Kyreen	75 00	4,395	3,516	42,705 34	
Palo Verde to Westwing I	45 00	4,395	3,516	25,623 20	
Palo Verde to Westwing II	45 00	4,395	3,516	25,623 20	
500 kV Total	165 00			93,951 74	

Note The method for calculating the "thermal rating" of a transmission line is defined in 16 TAC §23 66(d)(5)(B) using EPE Local System Variables