

Table 59. Electric Power Projections for EMM Region 01 - East Central Area Reliability Coordination Agreement																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Electricity Generating Capability 1/ (gigawatts)																									
Coal Steam	84.47	84.47	84.47	84.47	84.47	84.47	82.44	82.09	82.09	81.81	81.81	81.81	81.81	81.81	81.81	81.81	81.81	81.81	81.81	81.81	81.81	81.81	81.81	81.81	-0.1%
Other Fossil Steam 2/	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	N/A
Combined Cycle	0.43	0.43	0.43	0.74	0.74	0.74	0.87	1.34	1.87	2.49	3.12	3.43	3.84	4.49	5.19	6.10	6.96	7.79	9.40	11.46	13.47	14.44	15.34	16.58	17.2%
Combustion Turbine/Diesel	8.34	13.24	14.21	14.90	15.11	15.46	16.12	16.94	17.94	18.37	18.57	19.01	19.85	20.63	21.46	21.72	22.07	22.93	24.80	25.42	25.96	26.22	27.03	27.20	5.3%
Nuclear Power	7.59	7.59	7.59	7.59	7.59	7.59	7.59	7.59	7.59	6.78	4.09	4.09	4.09	4.09	4.09	4.09	4.09	3.09	1.99	0.82	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	3.28	3.28	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	1.6%
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	1.56	1.60	1.62	1.69	1.69	1.69	1.69	1.69	1.70	1.70	1.70	1.71	1.71	1.72	1.72	1.72	1.73	1.73	1.73	1.73	1.73	1.74	1.74	1.74	0.5%
Total Capability	109.34	114.28	116.73	117.80	118.01	118.36	117.11	118.06	119.60	119.56	117.70	118.45	119.72	121.14	122.68	123.85	125.06	125.75	128.14	129.65	131.38	132.61	134.33	135.74	0.9%
Cumulative Planned Additions 5/																									
Coal Steam	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	N/A
Combustion Turbine/Diesel	0.00	0.49	0.92	1.61	1.82	2.17	2.45	2.80	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	36.5%
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.00	0.04	0.07	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	19.8%
Total (planned)	0.07	0.61	2.52	3.27	3.41	3.76	4.18	4.53	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	20.1%
Cumulative Unplanned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.00	0.00	0.00	0.31	0.31	0.31	0.31	0.78	1.31	1.93	2.56	2.87	3.29	3.94	4.63	5.55	6.40	7.24	8.85	10.91	12.91	13.88	14.79	16.03	N/A
Combustion Turbine/Diesel	3.45	7.86	8.41	8.41	8.41	8.41	8.87	9.34	9.88	10.31	10.51	10.95	11.79	12.57	13.40	13.66	14.02	14.87	16.75	17.36	17.90	18.17	18.98	19.15	7.7%
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	3.7%
Total (unplanned)	3.49	7.90	8.45	8.76	8.76	8.76	9.22	10.17	11.24	12.30	13.13	13.88	15.15	16.58	18.11	19.28	20.50	22.19	25.68	28.36	30.90	32.14	33.86	35.27	10.6%
Cumulative Total Additions	3.57	8.51	10.96	12.03	12.17	12.52	13.40	14.70	16.23	17.29	18.12	18.87	20.14	21.57	23.10	24.28	25.49	27.18	30.67	33.35	35.90	37.13	38.85	40.26	11.1%
Cumulative Retirements	1.24	1.24	1.24	1.24	1.24	1.24	3.37	3.72	3.72	4.81	7.51	7.51	7.51	7.51	7.51	7.51	7.51	8.51	9.61	10.78	11.60	11.60	11.60	11.60	10.2%
Cogenerators 6/ Capacity																									
Coal	0.98	1.06	1.06	1.07	1.07	1.07	1.07	1.07	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.09	1.09	1.09	1.09	1.09	1.10	1.10	1.10	1.10	0.5%
Petroleum	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.8%
Natural Gas	2.91	2.96	2.95	3.02	3.03	3.03	3.04	3.05	3.06	3.07	3.09	3.10	3.11	3.13	3.15	3.17	3.19	3.21	3.23	3.24	3.26	3.28	3.27	3.26	0.5%
Other Gaseous Fuels	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	1.5%
Renewables	0.88	0.96	0.96	0.97	0.99	0.99	1.00	1.00	1.01	1.03	1.04	1.04	1.06	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.13	1.14	1.15	1.1%
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total	4.82	5.03	5.03	5.12	5.15	5.16	5.17	5.19	5.21	5.24	5.27	5.29	5.32	5.34	5.37	5.41	5.43	5.47	5.50	5.52	5.55	5.58	5.58	5.57	0.6%

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	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Electricity Demand (billion kilowatthours)																									
Residential	150.20	154.97	159.65	163.47	167.74	169.42	170.27	171.16	172.50	173.74	175.08	176.52	177.98	179.49	182.28	184.92	187.20	189.65	191.84	194.49	196.79	199.13	201.77	204.36	1.3%
Commercial/Other	134.61	138.89	141.67	143.99	146.21	148.40	149.91	151.48	153.37	155.02	156.79	158.67	160.50	162.31	164.44	166.71	168.40	170.12	171.52	172.84	173.81	174.57	175.32	175.85	1.2%
Industrial	205.75	208.23	208.05	208.51	211.74	214.08	215.45	217.17	220.75	224.44	226.89	229.03	231.36	233.44	234.89	237.47	239.26	242.06	245.53	247.15	249.70	252.01	253.78	255.26	0.9%
Transportation	2.35	2.38	2.40	2.45	2.49	2.54	3.14	3.68	4.17	4.60	4.96	5.31	5.67	6.02	6.33	6.59	6.84	7.10	7.36	7.61	7.87	8.11	8.34	8.57	5.8%
Total Sales	492.92	504.46	511.77	518.42	528.18	534.45	538.76	543.48	550.79	557.80	563.72	569.53	575.51	581.27	587.94	595.68	601.70	608.93	616.24	622.09	628.16	633.81	639.21	644.04	1.2%
Net Energy for Load (billion kwh) 7/																									
Gross International Imports	4.59	4.85	4.50	5.43	6.28	4.02	3.96	3.21	3.37	3.54	5.55	7.06	6.11	5.75	5.61	5.65	5.38	4.71	4.86	4.19	4.48	4.97	4.50	4.53	-0.1%
Gross International Exports	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	1.1%
Gross Interregional Electric Imports	10.08	10.22	8.97	8.97	8.97	8.97	8.53	8.53	9.33	8.93	8.93	8.93	8.93	8.93	8.93	8.96	9.11	9.34	9.06	8.94	9.03	9.08	9.04	8.96	-0.5%
Gross Interregional Electric Exports	41.83	46.39	39.89	29.04	30.72	30.24	29.76	26.76	24.31	23.70	23.08	21.17	21.25	21.48	25.00	22.80	24.67	26.66	28.73	33.27	33.10	31.95	33.45	34.64	-0.8%
Purchases from cogenerators 6/	13.79	13.27	13.17	13.14	13.15	13.15	13.15	13.16	13.17	13.18	13.20	13.21	13.22	13.24	13.26	13.28	13.30	13.32	13.34	13.36	13.37	13.39	13.38	13.37	-0.1%
Util. Generation for Customers	532.30	558.38	561.01	556.01	566.90	574.97	579.20	581.57	585.59	592.25	595.50	597.82	604.78	611.08	621.39	626.89	634.80	644.44	653.95	665.46	671.31	675.59	683.32	689.67	1.1%
Total Net Energy for Load	518.90	540.29	547.72	554.47	564.55	570.84	575.05	579.68	587.11	594.16	600.05	605.81	611.75	617.49	624.15	631.93	637.87	645.10	652.44	658.63	665.06	671.04	676.74	681.84	1.2%
Generation by Fuel Type (billion kilowatthours)																									
Coal	477.61	479.75	493.17	494.17	503.92	510.92	513.61	512.01	511.59	514.21	517.82	528.49	529.96	529.37	533.63	532.03	534.72	537.09	543.59	543.52	546.49	550.24	550.04	552.48	0.6%
Petroleum	1.77	1.37	1.20	1.23	1.24	1.35	1.38	1.35	1.31	1.34	1.23	1.26	1.34	1.31	1.31	1.30	1.26	1.20	1.28	1.29	1.25	1.27	1.27	1.25	-1.5%
Natural Gas	2.28	24.46	12.81	6.53	7.29	7.96	9.29	13.09	17.37	22.09	28.46	35.43	40.70	47.50	53.43	60.41	65.57	72.93	88.55	101.44	113.12	119.76	127.68	131.61	19.3%
Nuclear	47.40	48.19	49.66	50.07	50.44	50.74	50.91	51.09	51.26	50.51	43.86	28.47	28.58	28.68	28.78	28.88	28.96	28.92	16.22	14.89	6.10	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	-1.39	-0.01	-0.44	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-2.1%
Renewable 4/	5.08	5.08	5.08	5.35	5.35	5.35	5.35	5.37	5.41	5.44	5.48	5.51	5.54	5.56	5.59	5.61	5.63	5.64	5.66	5.67	5.68	5.69	5.70	5.70	0.5%
Total Generation	532.76	558.84	561.48	556.49	567.38	575.45	579.68	582.05	586.07	592.73	595.98	598.30	605.26	611.56	621.87	627.37	635.28	644.92	654.43	665.94	671.79	676.10	683.82	690.17	1.1%
Sales to Customers	532.30	558.38	561.01	556.01	566.90	574.97	579.20	581.57	585.59	592.25	595.50	597.82	604.78	611.08	621.39	626.89	634.80	644.44	653.95	665.46	671.31	675.59	683.32	689.67	1.1%
Generation for Own Use	0.45	0.46	0.47	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.50	0.50	0.5%
Cogenerators																									
Coal	6.48	5.88	5.81	5.77	5.75	5.73	5.69	5.65	5.61	5.57	5.52	5.47	5.42	5.37	5.34	5.33	5.31	5.29	5.28	5.27	5.26	5.25	5.23	5.22	-0.9%
Petroleum	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	-0.0%
Natural Gas	19.93	19.32	19.26	19.39	19.50	19.45	19.51	19.58	19.66	19.77	19.89	20.02	20.13	20.27	20.43	20.61	20.76	20.93	21.06	21.21	21.34	21.48	21.43	21.31	0.3%
Other Gaseous Fuels	0.11	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	1.2%
Renewable	1.41	2.49	2.47	2.54	2.57	2.59	2.61	2.63	2.67	2.70	2.74	2.77	2.81	2.83	2.86	2.89	2.91	2.93	2.96	2.98	3.00	3.02	3.04	3.06	3.4%
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total	28.06	27.95	27.79	27.97	28.10	28.05	28.08	28.14	28.21	28.32	28.42	28.53	28.63	28.75	28.91	29.10	29.26	29.43	29.59	29.73	29.87	30.02	29.98	29.86	0.3%
Sales to Utilities	13.79	13.27	13.17	13.14	13.15	13.15	13.15	13.16	13.17	13.18	13.20	13.21	13.22	13.24	13.26	13.28	13.30	13.32	13.34	13.36	13.37	13.39	13.38	13.37	-0.1%
Generation for Own Use	14.27	14.68	14.63	14.83	14.94	14.90	14.93	14.98	15.05	15.14	15.23	15.32	15.40	15.51	15.65	15.81	15.96	16.11	16.25	16.38	16.50	16.64	16.60	16.50	0.6%
End-Use Prices (1997 cents per kilowatthour)																									
Residential	7.5	7.4	7.7	7.7	7.6	7.5	7.5	7.6	7.5	7.4	7.3	7.3	7.2	7.1	6.9	6.7	6.6	6.5	6.5	6.4	6.3	6.2	6.1	6.0	-1.0%
Commercial	6.8	6.9	7.1	7.1	7.0	6.9	6.9	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.3	6.1	6.0	5.9	5.8	5.7	5.7	5.6	5.5	5.5	-1.0%
Industrial	4.1	4.1	4.2	4.3	4.2	4.1	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.9	3.7	3.6	3.6	3.5	3.4	3.4	3.3	3.3	3.2	3.2	-1.2%
Transportation	5.1	5.0	5.0	5.0	5.0	4.9	5.0	5.0	5.0	4.9	4.8	4.8	4.7	4.7	4.5	4.4	4.3	4.2	4.1	4.1	4.0	3.9	3.9	3.8	-1.3%
All Sectors Average	5.9	5.9	6.1	6.1	6.0	6.0	6.0	6.0	6.0	5.9	5.8	5.8	5.7	5.6	5.4	5.3	5.2	5.1	5.0	5.0	4.9	4.8	4.8	4.7	-1.0%

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	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Price Components (1997 cents per kilowatthour)																									
Capital Component	3.1	3.1	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.3	2.2	2.1	-1.6%
Fuel Component	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	-0.3%
O&M Component	1.7	1.7	1.7	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	-0.8%
Wholesale Power Cost	-0.1	-0.2	-0.1	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-7.6%
Total	5.9	5.9	6.1	6.1	6.0	6.0	6.0	6.0	6.0	5.9	5.8	5.8	5.7	5.6	5.4	5.3	5.2	5.1	5.0	5.0	4.9	4.8	4.8	4.7	-1.0%
Fuel Consumption (quadrillion Btu) 8/																									
Coal	4.85	4.88	5.02	5.02	5.13	5.21	5.24	5.22	5.22	5.24	5.28	5.39	5.43	5.42	5.47	5.45	5.48	5.50	5.57	5.57	5.60	5.64	5.64	5.66	0.7%
Natural Gas	0.05	0.29	0.15	0.06	0.07	0.08	0.10	0.12	0.15	0.18	0.23	0.29	0.33	0.38	0.41	0.46	0.48	0.53	0.63	0.71	0.78	0.83	0.87	0.89	13.7%
Oil	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-2.4%
Total	4.92	5.18	5.18	5.10	5.21	5.30	5.35	5.36	5.38	5.44	5.52	5.70	5.77	5.81	5.89	5.92	5.97	6.04	6.22	6.29	6.39	6.48	6.53	6.57	1.3%
Emissions (million short tons) 9/																									
Total Carbon	125.74	131.15	132.72	131.63	134.73	137.02	138.03	138.00	138.32	139.45	141.16	145.01	146.30	146.87	148.54	148.78	149.87	151.24	154.57	155.68	157.54	159.23	159.94	160.84	1.1%
Carbon Dioxide	461.05	480.89	486.63	482.64	493.99	502.42	506.12	506.00	507.18	511.32	517.58	531.70	536.45	538.52	544.64	545.51	549.53	554.56	566.77	570.81	577.66	583.86	586.44	589.75	1.1%
Sulfur Dioxide	4.27	4.28	4.32	3.89	3.83	3.80	3.72	3.64	3.53	3.51	3.37	3.37	3.09	3.00	2.93	2.83	2.76	2.66	2.64	2.61	2.55	2.55	2.55	2.53	-2.3%
Nitrogen Oxide	1.53	1.55	1.58	1.12	1.14	1.16	0.85	0.85	0.85	0.86	0.86	0.89	0.89	0.90	0.90	0.90	0.90	0.91	0.93	0.93	0.94	0.95	0.95	0.95	-2.0%

Note: Totals may not equal sum of components due to independent rounding.

1/ Net summer capability is the steady hourly output that generating equipment is expected to supply to system load (exclusive of auxiliary power), as demonstrated by tests during summer peak demand. Includes electric utilities, small power producers, and exempt wholesale generators. Nameplate capacity is reported for nonutilities on Form EIA-867, Annual Nonutility Power Producer Report." Nameplate capacity is designated by the manufacturer. The nameplate capacity has been converted to net summer capacity based on historic relationships.

2/ Includes oil-, gas-, and dual-fired capability.

3/ Other includes methane, propane gas, and blast furnace gas, hydrogen, sulfur, batteries, chemicals, fish oil, and spent sulfite liquor.

4/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, other biomass, solar thermal, photovoltaics, and wind power.

5/ Cumulative additions after December 31, 1996.

6/ Cogenerators produce electricity and another form of useful energy (such as steam or heat) through the sequential use of energy.

7/ Generation to meet system load by source.

8/ Includes fuel consumption by electric utilities, small power producers, independent power producers, and exempt wholesale generators.

9/ Estimated emissions from utilities and nonutilities (excluding cogenerators).

O&M = Operation and maintenance.

EMM = Electricity market module.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Source: 1997 (except for prices and nonutility data) Energy Information Administration (EIA), Annual Energy Review 1997, DOE/EIA-0384(97) (Washington, DC, July 1998). Other 1997 and projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 60. Electric Power Projections for EMM Region 02 - Electric Reliability Council of Texas																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Electricity Generating Capability 1/ (gigawatts)																									
Coal Steam	14.78	14.78	14.78	15.58	15.58	15.59	15.59	15.59	15.59	15.59	15.59	15.59	15.59	15.59	15.59	15.59	15.59	15.60	15.62	15.66	15.72	15.82	15.97	16.15	0.4%
Other Fossil Steam 2/	29.68	29.68	29.68	29.65	29.53	29.49	26.23	23.16	22.77	20.45	18.34	15.67	13.57	13.57	13.57	13.57	13.57	13.36	13.36	13.36	13.36	13.36	13.36	13.36	-3.4%
Combined Cycle	0.79	0.79	0.79	1.02	1.24	1.80	3.05	7.03	9.07	10.83	12.53	12.96	15.12	15.88	16.76	17.76	18.67	19.81	20.83	22.01	23.16	23.98	24.58	25.37	16.3%
Combustion Turbine/Diesel	6.11	6.47	6.70	7.03	7.59	8.58	10.31	12.32	12.86	12.86	12.86	12.97	13.64	14.23	14.77	14.77	14.92	15.71	16.48	16.49	16.51	16.53	16.68	16.71	4.5%
Nuclear Power	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.64	0.64	0.76	0.77	0.77	0.77	0.78	0.78	0.79	0.80	0.81	0.81	0.82	0.83	0.83	0.84	0.85	0.85	0.86	0.88	0.90	0.93	0.96	1.01	2.0%
Total Capability	56.80	57.16	57.51	58.84	59.50	61.04	60.76	63.69	65.88	65.32	64.92	62.80	63.54	64.89	66.32	67.33	68.39	70.13	71.95	73.20	74.45	75.43	76.36	77.41	1.4%
Cumulative Planned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.06	0.06	0.06	0.06	0.06	0.25	0.25	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	9.0%
Combustion Turbine/Diesel	0.00	0.00	0.09	0.19	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	N/A
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.00	0.00	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	N/A
Total (planned)	0.06	0.06	0.26	1.16	1.25	1.43	1.43	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	15.4%
Cumulative Unplanned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.04	0.08	0.14	0.24	0.39	0.57	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.00	0.00	0.00	0.23	0.45	0.83	2.08	5.87	7.91	9.66	11.37	11.80	13.96	14.72	15.60	16.60	17.51	18.65	19.67	20.84	22.00	22.82	23.42	24.21	N/A
Combustion Turbine/Diesel	3.44	3.80	3.95	4.18	4.65	5.64	7.37	9.38	9.93	9.93	9.93	10.04	10.71	11.29	11.83	11.83	11.98	12.77	13.54	13.56	13.57	13.60	13.75	13.77	6.2%
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.14	0.15	0.17	0.19	0.22	0.25	0.30	8.6%
Total (unplanned)	3.49	3.85	4.00	4.47	5.16	6.54	9.53	15.34	17.92	19.69	21.40	21.95	24.79	26.14	27.56	28.57	29.63	31.58	33.40	34.64	35.90	36.88	37.81	38.85	11.1%
Cumulative Total Additions	3.55	3.91	4.26	5.63	6.41	7.98	10.96	16.96	19.54	21.31	23.02	23.57	26.41	27.76	29.18	30.19	31.25	33.20	35.02	36.27	37.52	38.50	39.43	40.47	11.2%
Cumulative Retirements	0.27	0.27	0.27	0.31	0.43	0.46	3.72	6.79	7.18	9.51	11.62	14.29	16.39	16.39	16.39	16.39	16.39	16.59	16.59	16.59	16.59	16.59	16.59	16.59	19.6%
Cogenerators 6/ Capacity																									
Coal	0.24	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.6%
Petroleum	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.2%
Natural Gas	6.54	6.68	6.66	6.88	6.92	6.91	6.93	6.96	6.99	7.03	7.08	7.12	7.17	7.22	7.27	7.34	7.39	7.45	7.50	7.55	7.60	7.66	7.64	7.60	0.7%
Other Gaseous Fuels	0.06	0.06	0.06	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	1.5%
Renewables	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	1.4%
Other	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.9%
Total	7.11	7.30	7.28	7.52	7.56	7.55	7.57	7.60	7.64	7.68	7.73	7.78	7.82	7.87	7.93	7.99	8.05	8.11	8.16	8.22	8.27	8.32	8.31	8.27	0.7%

Table 60. Electric Power Projections for EMM Region 02 - Electric Reliability Council of Texas																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Electricity Demand (billion kilowatthours)																										
Residential	83.11	85.75	88.34	90.83	93.51	94.67	95.56	96.29	97.31	98.52	99.80	101.20	102.60	104.05	106.34	108.36	110.34	112.36	114.26	116.12	117.83	119.64	121.42	123.38	1.7%	
Commercial/Other	72.62	74.92	76.42	77.72	78.88	79.98	80.98	81.93	82.90	83.97	85.30	86.75	88.20	89.65	91.57	93.28	94.87	96.26	97.41	98.62	99.63	100.49	101.29	102.08	1.5%	
Industrial	73.47	73.82	74.24	77.45	79.11	80.41	80.71	81.18	82.52	84.41	86.01	86.97	88.17	89.19	90.03	90.99	91.87	92.93	94.29	94.95	95.98	96.92	97.64	98.32	1.3%	
Transportation	0.96	0.98	0.99	1.02	1.04	1.07	1.32	1.56	1.77	1.97	2.13	2.30	2.47	2.64	2.79	2.92	3.06	3.19	3.33	3.47	3.61	3.74	3.88	4.01	6.4%	
Total Sales	230.16	235.47	239.99	247.03	252.54	256.13	258.57	260.96	264.50	268.86	273.24	277.22	281.43	285.53	290.73	295.55	300.14	304.75	309.28	313.16	317.05	320.79	324.22	327.79	1.5%	
Net Energy for Load (billion kwh) 7/																										
Gross International Imports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Gross International Exports	0.21	0.26	0.28	0.30	0.33	0.36	0.39	0.42	0.45	0.49	0.53	0.57	0.62	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	5.2%
Gross Interregional Electric Imports	0.60	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Gross Interregional Electric Exports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Purchases from cogenerators 6/	18.79	21.80	21.78	21.72	21.76	21.74	21.76	21.78	21.81	21.84	21.88	21.93	21.96	22.01	22.06	22.12	22.17	22.22	22.27	22.32	22.36	22.41	22.39	22.35	0.8%	
Util. Generation for Customers	225.06	228.63	233.69	241.15	246.85	250.51	252.92	255.28	258.87	263.30	267.75	271.77	276.04	280.21	285.45	290.29	294.88	299.49	304.04	308.09	312.15	316.06	319.68	323.46	1.6%	
Total Net Energy for Load	244.24	250.55	255.19	262.57	268.28	271.90	274.30	276.65	280.23	284.66	289.11	293.13	297.39	301.55	306.85	311.74	316.38	321.05	325.64	329.73	333.84	337.80	341.40	345.15	1.5%	
Generation by Fuel Type (billion kilowatthours)																										
Coal	103.27	106.51	106.09	110.36	111.39	111.45	111.47	111.49	111.49	111.49	111.49	111.49	111.49	111.49	111.49	111.49	111.49	111.61	111.73	112.00	112.44	113.18	114.24	115.50	0.5%	
Petroleum	0.17	0.91	0.95	0.94	0.93	0.87	0.15	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.12	0.08	0.08	0.08	0.08	0.08	-3.0%
Natural Gas	82.89	87.96	91.89	94.34	98.40	101.44	104.36	106.51	109.91	114.18	118.59	122.56	126.79	130.92	136.13	140.93	145.50	149.96	154.32	158.04	161.52	164.50	166.84	169.02	3.1%	
Nuclear	37.36	31.98	33.28	33.94	34.54	35.14	35.29	35.44	35.59	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	35.71	-0.2%
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	1.45	1.35	1.55	1.63	1.65	1.68	1.71	1.74	1.79	1.84	1.88	1.92	1.96	2.00	2.04	2.07	2.10	2.13	2.16	2.25	2.40	2.59	2.81	3.15	3.4%	
Total Generation	225.13	228.70	233.76	241.22	246.92	250.58	252.98	255.29	258.88	263.31	267.76	271.77	276.05	280.21	285.46	290.29	294.89	299.49	304.04	308.09	312.15	316.06	319.68	323.47	1.6%	
Sales to Customers	225.06	228.63	233.69	241.15	246.85	250.51	252.92	255.28	258.87	263.30	267.75	271.77	276.04	280.21	285.45	290.29	294.88	299.49	304.04	308.09	312.15	316.06	319.68	323.46	1.6%	
Generation for Own Use	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.0%
Cogenerators																										
Coal	2.01	1.95	1.93	1.92	1.91	1.90	1.88	1.86	1.85	1.83	1.80	1.78	1.76	1.73	1.72	1.72	1.71	1.70	1.70	1.69	1.68	1.68	1.67	1.67	1.67	-0.8%
Petroleum	1.84	1.61	1.61	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	-0.5%
Natural Gas	39.76	44.97	44.81	45.17	45.48	45.34	45.49	45.69	45.90	46.20	46.53	46.89	47.19	47.57	48.01	48.49	48.92	49.36	49.73	50.12	50.48	50.86	50.74	50.40	1.0%	
Other Gaseous Fuels	0.43	0.51	0.51	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	1.2%
Renewable	0.25	0.26	0.26	0.26	0.27	0.27	0.28	0.28	0.29	0.30	0.30	0.31	0.31	0.32	0.32	0.33	0.33	0.34	0.34	0.35	0.35	0.35	0.36	0.36	0.36	1.6%
Other	0.65	0.67	0.67	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.2%
Total	44.94	49.96	49.78	50.21	50.52	50.37	50.51	50.69	50.90	51.19	51.49	51.84	52.13	52.49	52.92	53.40	53.82	54.27	54.64	55.02	55.38	55.76	55.64	55.29	0.9%	
Sales to Utilities	18.79	21.80	21.78	21.72	21.76	21.74	21.76	21.78	21.81	21.84	21.88	21.93	21.96	22.01	22.06	22.12	22.17	22.22	22.27	22.32	22.36	22.41	22.39	22.35	0.8%	
Generation for Own Use	26.15	28.16	28.00	28.49	28.76	28.63	28.75	28.91	29.09	29.35	29.61	29.92	30.16	30.48	30.86	31.28	31.65	32.04	32.37	32.70	33.02	33.35	33.24	32.94	1.0%	
End-Use Prices (1997 cents per kilowatthour)																										
Residential	8.4	8.2	8.1	8.0	7.9	7.8	7.9	8.0	8.0	7.9	7.9	7.8	7.7	7.7	7.4	7.3	7.2	7.0	6.9	6.8	6.7	6.7	6.6	6.5	-1.1%	
Commercial	7.1	6.9	6.8	6.7	6.6	6.6	6.6	6.6	6.7	6.8	6.7	6.7	6.6	6.6	6.4	6.2	6.1	6.1	6.0	5.9	5.8	5.7	5.7	5.6	-1.0%	
Industrial	4.3	4.2	4.2	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.8	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.3	3.3	-1.2%	
Transportation	4.3	4.3	4.2	4.2	4.2	4.1	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.0	3.8	3.7	3.7	3.6	3.5	3.5	3.5	3.4	3.4	3.3	-1.2%	
All Sectors Average	6.7	6.5	6.5	6.3	6.3	6.2	6.2	6.3	6.3	6.3	6.3	6.2	6.2	6.1	5.9	5.8	5.7	5.6	5.5	5.4	5.4	5.3	5.3	5.2	-1.1%	

Table 60. Electric Power Projections for EMM Region 02 - Electric Reliability Council of Texas																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997- 2020	
Price Components (1997 cents per kilowatthour)																										
Capital Component	3.4	3.3	3.2	3.1	3.1	3.0	3.1	3.3	3.3	3.3	3.2	3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.3	-1.6%	
Fuel Component	1.6	1.5	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-0.3%	
O&M Component	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	-0.7%	
Wholesale Power Cost	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	-1.8%	
Total	6.7	6.5	6.5	6.3	6.3	6.2	6.2	6.3	6.3	6.3	6.3	6.2	6.2	6.1	5.9	5.8	5.7	5.6	5.5	5.4	5.4	5.3	5.3	5.2	-1.1%	
Fuel Consumption (quadrillion Btu) 8/																										
Coal	1.12	1.15	1.15	1.19	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.21	1.22	1.23	0.4%	
Natural Gas	0.88	0.90	0.94	0.97	1.00	1.01	0.99	0.91	0.90	0.92	0.92	0.95	0.96	0.98	1.01	1.04	1.07	1.09	1.11	1.13	1.14	1.16	1.17	1.18	1.3%	
Oil	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.0%	
Total	2.00	2.06	2.10	2.16	2.21	2.22	2.19	2.11	2.10	2.11	2.12	2.15	2.16	2.18	2.21	2.24	2.27	2.29	2.31	2.33	2.35	2.37	2.39	2.41	0.8%	
Emissions (million short tons) 9/																										
Total Carbon	42.78	44.25	44.73	46.09	46.85	47.01	46.51	45.35	45.20	45.36	45.48	45.86	45.97	46.28	46.70	47.09	47.46	47.75	48.06	48.34	48.64	49.00	49.38	49.76	0.7%	
Carbon Dioxide	156.87	162.24	164.02	169.00	171.80	172.37	170.55	166.28	165.74	166.33	166.75	168.15	168.54	169.69	171.23	172.67	174.01	175.08	176.24	177.25	178.36	179.67	181.07	182.46	0.7%	
Sulfur Dioxide	0.40	0.41	0.41	0.40	0.41	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.41	0.40	0.40	0.41	0.40	0.41	0.42	0.42	0.42	0.42	0.42	0.41	0.1%	
Nitrogen Oxide	0.45	0.34	0.34	0.34	0.34	0.34	0.33	0.30	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	-2.0%	

Note: Totals may not equal sum of components due to independent rounding.

1/ Net summer capability is the steady hourly output that generating equipment is expected to supply to system load (exclusive of auxiliary power), as demonstrated by tests during summer peak demand. Includes electric utilities, small power producers, and exempt wholesale generators. Nameplate capacity is reported for nonutilities on Form EIA-867, Annual Nonutility Power Producer Report." Nameplate capacity is designated by the manufacturer. The nameplate capacity has been converted to net summer capacity based on historic relationships.

2/ Includes oil-, gas-, and dual-fired capability.

3/ Other includes methane, propane gas, and blast furnace gas, hydrogen, sulfur, batteries, chemicals, fish oil, and spent sulfite liquor.

4/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, other biomass, solar thermal, photovoltaics, and wind power.

5/ Cumulative additions after December 31, 1996.

6/ Cogenerators produce electricity and another form of useful energy (such as steam or heat) through the sequential use of energy.

7/ Generation to meet system load by source.

8/ Includes fuel consumption by electric utilities, small power producers, independent power producers, and exempt wholesale generators.

9/ Estimated emissions from utilities and nonutilities (excluding cogenerators).

O&M = Operation and maintenance.

EMM = Electricity market module.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Source: 1997 (except for prices and nonutility data) Energy Information Administration (EIA), Annual Energy Review 1997, DOE/EIA-0384(97) (Washington, DC, July 1998). Other 1997 and projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 61. Electric Power Projections for EMM Region 03 - Mid-Atlantic Area Council																								1997- 2020	
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Electricity Generating Capability 1/ (gigawatts)																									
Coal Steam	18.50	18.50	18.50	18.50	18.46	18.46	18.46	18.46	18.41	18.41	18.41	18.41	18.41	18.41	18.41	18.41	18.41	18.41	18.41	18.42	18.43	18.44	18.45	18.45	-0.0%
Other Fossil Steam 2/	8.76	8.76	8.76	8.76	8.76	8.76	5.59	4.03	4.03	3.38	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.53	-5.3%
Combined Cycle	1.80	1.80	1.80	3.27	4.07	5.93	6.87	8.46	10.19	10.80	12.38	12.75	12.88	13.65	15.32	16.11	17.24	18.90	20.61	21.24	21.90	22.42	22.42	22.54	11.6%
Combustion Turbine/Diesel	9.59	9.80	10.47	11.02	11.15	11.75	12.41	13.15	13.15	13.15	13.22	13.22	13.30	13.30	13.50	13.88	14.20	14.53	15.15	15.15	15.69	15.69	15.69	15.69	2.2%
Nuclear Power	12.81	12.81	12.81	12.19	12.19	12.19	12.19	12.19	12.19	11.08	11.08	11.08	11.08	9.97	9.97	9.97	8.88	6.23	6.23	5.39	5.39	5.39	5.39	5.39	-3.7%
Pumped Storage/Other 3/	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	1.34	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.02	2.03	2.04	2.05	2.06	2.07	2.10	2.11	2.12	2.12	0.2%
Total Capability	54.79	55.01	55.68	57.08	57.97	60.43	58.85	59.63	61.32	60.18	61.20	61.58	61.79	61.45	63.34	64.52	64.87	64.21	66.57	66.38	67.61	68.16	68.17	68.06	0.9%
Cumulative Planned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	N/A
Combustion Turbine/Diesel	0.00	0.01	0.01	0.56	0.70	1.30	1.95	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	31.8%
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.0%
Total (planned)	0.47	0.48	0.48	1.03	1.16	1.76	2.42	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	8.6%
Cumulative Unplanned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.04	0.04	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.00	0.00	0.00	1.48	2.28	4.13	5.07	6.66	8.40	9.01	10.58	10.96	11.09	11.85	13.53	14.32	15.44	17.10	18.82	19.44	20.11	20.62	20.62	20.75	N/A
Combustion Turbine/Diesel	0.83	1.03	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.77	1.77	1.85	1.85	2.05	2.43	2.75	3.08	3.70	3.70	4.24	4.24	4.24	4.24	7.4%
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.28	0.28	0.29	0.30	0.32	0.33	0.35	0.37	0.38	0.38	1.6%
Total (unplanned)	1.09	1.30	1.97	3.45	4.24	6.10	7.04	8.63	10.37	10.98	12.62	12.99	13.20	13.96	15.86	17.03	18.48	20.48	22.84	23.48	24.72	25.26	25.28	25.40	14.7%
Cumulative Total Additions																									
Coal Steam	1.56	1.78	2.45	4.47	5.41	7.86	9.46	11.80	13.53	14.14	15.78	16.16	16.36	17.13	19.02	20.20	21.65	23.65	26.00	26.65	27.88	28.43	28.45	28.57	13.5%
Cumulative Retirements																									
Coal Steam	1.72	1.72	1.72	2.34	2.38	2.38	5.55	7.11	7.16	8.91	9.53	9.53	9.53	10.63	10.63	10.63	11.73	14.38	14.38	15.22	15.22	15.22	15.22	15.46	10.0%
Cogenerators 6/ Capacity																									
Coal	1.62	1.70	1.70	1.70	1.70	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.72	1.72	1.72	1.72	1.72	1.72	1.73	1.73	1.73	1.73	1.73	1.73	0.3%
Petroleum	0.29	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.31	0.2%
Natural Gas	2.85	2.88	2.88	2.93	2.94	2.94	2.94	2.95	2.96	2.97	2.98	2.99	3.00	3.01	3.03	3.04	3.06	3.07	3.09	3.10	3.11	3.12	3.12	3.11	0.4%
Other Gaseous Fuels	0.07	0.07	0.07	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	1.5%
Renewables	0.20	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.25	1.0%
Other	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.9%
Total	5.06	5.20	5.19	5.28	5.30	5.30	5.31	5.32	5.33	5.35	5.36	5.37	5.39	5.40	5.42	5.44	5.46	5.48	5.50	5.51	5.53	5.54	5.54	5.53	0.4%

Table 61. Electric Power Projections for EMM Region 03 - Mid-Atlantic Area Council																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Electricity Demand (billion kilowatthours)																										
Residential	83.00	85.63	88.22	91.27	94.47	96.13	97.37	98.53	100.01	101.31	102.70	104.13	105.24	106.40	108.13	109.60	111.07	112.27	113.72	115.23	116.55	117.90	119.62	121.32	1.7%	
Commercial/Other	81.59	84.18	85.87	87.46	88.67	89.87	90.82	91.66	92.82	93.74	94.87	96.10	97.07	97.98	99.13	100.11	101.03	101.67	102.38	102.74	103.16	103.38	104.00	104.41	1.1%	
Industrial	69.43	69.92	69.94	70.23	71.22	72.16	72.58	73.11	74.30	75.55	76.69	77.84	78.67	79.68	80.25	80.94	81.47	82.25	83.43	83.54	84.26	84.95	85.40	85.74	0.9%	
Transportation	1.43	1.45	1.46	1.49	1.51	1.54	1.91	2.24	2.54	2.80	3.03	3.24	3.46	3.67	3.87	4.03	4.18	4.35	4.51	4.66	4.82	4.97	5.12	5.27	5.8%	
Total Sales	235.45	241.17	245.49	250.45	255.87	259.70	262.67	265.55	269.67	273.40	277.28	281.31	284.44	287.73	291.38	294.68	297.75	300.54	304.04	306.18	308.79	311.21	314.15	316.73	1.3%	
Net Energy for Load (billion kwh) 7/																										
Gross International Imports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Gross International Exports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Gross Interregional Electric Imports	32.48	30.51	27.95	27.48	25.81	22.14	22.25	18.85	15.11	15.46	14.04	13.46	14.53	14.34	14.86	12.88	13.36	14.39	13.96	14.73	15.09	14.88	16.04	18.89	-2.3%	
Gross Interregional Electric Exports	10.05	11.23	11.04	10.75	10.00	8.92	8.89	8.85	9.12	8.25	8.37	8.12	7.69	7.84	8.33	9.09	8.87	8.73	9.61	9.83	11.42	11.81	10.84	9.47	-0.3%	
Purchases from cogenerators 6/	14.10	13.67	13.66	13.52	13.53	13.52	13.52	13.53	13.53	13.53	13.54	13.54	13.55	13.56	13.56	13.58	13.58	13.60	13.60	13.61	13.62	13.63	13.63	13.62	-0.2%	
Util. Generation for Customers	211.56	223.72	230.52	235.90	242.41	248.90	251.72	257.92	266.12	268.63	274.06	278.44	280.02	283.63	287.22	293.19	295.50	297.02	301.79	303.48	307.45	310.59	311.57	310.10	1.7%	
Total Net Energy for Load	248.10	256.67	261.09	266.15	271.75	275.64	278.60	281.45	285.64	289.38	293.27	297.32	300.41	303.68	307.31	310.56	313.57	316.27	319.75	321.99	324.74	327.29	330.39	333.14	1.3%	
Generation by Fuel Type (billion kilowatthours)																										
Coal	110.24	108.24	112.40	114.92	115.08	112.38	111.06	108.55	105.56	107.14	106.20	107.83	108.15	106.89	108.71	108.84	108.90	109.44	110.89	110.79	111.62	112.37	112.87	114.35	0.2%	
Petroleum	5.81	7.61	7.05	4.93	4.24	3.01	2.13	1.55	1.18	1.32	1.11	1.25	1.27	1.26	1.17	1.01	0.91	0.97	0.93	0.87	0.87	0.86	0.89	0.89	-7.8%	
Natural Gas	7.66	10.56	11.58	20.14	26.96	37.16	42.14	51.40	63.17	66.77	78.60	81.55	83.12	88.34	97.75	103.99	107.79	121.89	136.30	139.16	146.89	149.27	149.74	146.89	13.7%	
Nuclear	84.62	88.04	90.59	86.69	86.91	87.12	87.14	87.16	86.95	84.14	78.89	78.56	78.22	77.88	70.25	69.96	68.45	55.19	44.03	42.94	38.20	38.10	38.01	37.91	-3.4%	
Pumped Storage/Other 3/	-0.67	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-23.0%	
Renewable 4/	4.89	10.28	9.90	10.23	10.23	10.23	10.23	10.23	10.23	10.23	10.23	10.23	10.23	10.23	10.30	10.37	10.42	10.50	10.62	10.69	10.85	10.96	11.03	11.03	3.6%	
Total Generation	212.56	224.72	231.52	236.90	243.41	249.90	252.69	258.88	267.08	269.60	275.03	279.41	280.99	284.60	288.19	294.16	296.47	297.98	302.76	304.45	308.42	311.56	312.54	311.07	1.7%	
Sales to Customers	211.56	223.72	230.52	235.90	242.41	248.90	251.72	257.92	266.12	268.63	274.06	278.44	280.02	283.63	287.22	293.19	295.50	297.02	301.79	303.48	307.45	310.59	311.57	310.10	1.7%	
Generation for Own Use	1.00	1.00	1.00	1.00	1.00	1.00	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	-0.1%	
Cogenerators																										
Coal	9.40	10.24	10.19	10.17	10.15	10.12	10.08	10.03	9.99	9.94	9.88	9.82	9.76	9.71	9.68	9.66	9.64	9.63	9.61	9.60	9.59	9.57	9.56	9.54	0.1%	
Petroleum	0.67	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.07	1.07	1.07	1.07	1.07	1.07	2.0%	
Natural Gas	14.40	12.75	12.73	12.82	12.88	12.85	12.88	12.92	12.96	13.02	13.08	13.15	13.21	13.29	13.37	13.46	13.55	13.64	13.71	13.78	13.85	13.93	13.90	13.84	-0.2%	
Other Gaseous Fuels	0.52	0.62	0.62	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	1.2%	
Renewable	1.32	1.29	1.30	1.32	1.34	1.36	1.37	1.39	1.41	1.44	1.46	1.48	1.51	1.53	1.55	1.56	1.58	1.60	1.62	1.63	1.65	1.66	1.67	1.68	1.1%	
Other	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.2%	
Total	26.38	26.05	25.98	26.12	26.18	26.15	26.16	26.18	26.22	26.25	26.28	26.31	26.35	26.42	26.52	26.59	26.68	26.76	26.84	26.91	26.98	26.96	26.89	26.89	0.1%	
Sales to Utilities	14.10	13.67	13.66	13.52	13.53	13.52	13.52	13.53	13.53	13.53	13.54	13.54	13.55	13.56	13.56	13.58	13.58	13.60	13.60	13.61	13.62	13.63	13.63	13.62	-0.2%	
Generation for Own Use	12.28	12.38	12.31	12.60	12.66	12.63	12.62	12.63	12.65	12.68	12.71	12.74	12.76	12.79	12.86	12.94	13.01	13.09	13.16	13.22	13.29	13.35	13.33	13.27	0.3%	
End-Use Prices (1997 cents per kilowatthour)																										
Residential	10.1	9.7	9.4	9.1	8.9	8.6	8.4	8.3	8.2	8.1	8.1	8.1	8.2	8.2	8.2	8.1	7.9	8.2	8.0	8.0	7.9	7.9	7.8	7.8	-1.1%	
Commercial	8.6	8.4	8.1	7.8	7.6	7.2	7.1	7.0	6.8	6.8	6.7	6.7	6.7	6.6	6.5	6.4	6.2	6.4	6.2	6.1	6.0	6.0	6.0	6.0	-1.6%	
Industrial	6.8	6.6	6.4	6.4	6.2	6.1	6.0	5.7	5.4	5.2	5.0	4.9	4.9	4.9	4.8	4.7	4.6	4.7	4.5	4.5	4.5	4.4	4.4	4.5	-1.8%	
Transportation	6.2	6.1	6.0	5.8	5.7	5.5	5.5	5.3	5.2	5.2	5.1	5.0	5.1	5.1	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.9	-1.0%	
All Sectors Average	8.6	8.3	8.1	7.9	7.7	7.4	7.3	7.1	6.9	6.8	6.7	6.7	6.7	6.7	6.7	6.5	6.4	6.6	6.4	6.3	6.3	6.3	6.2	6.3	-1.4%	

Table 62. Electric Power Projections for EMM Region 04 - Mid-America Interconnected Network																							1997- 2020		
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Electricity Generating Capability 1/ (gigawatts)																									
Coal Steam	27.68	27.68	27.68	27.65	27.67	27.67	27.67	27.76	27.76	27.76	27.76	27.77	27.77	27.77	27.78	27.80	27.83	27.90	27.96	28.06	28.17	28.27	28.42	28.70	0.2%
Other Fossil Steam 2/	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.65	3.53	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	1.29	1.29	-5.5%
Combined Cycle	0.02	0.02	0.02	1.25	1.25	1.51	1.51	1.65	1.86	2.40	2.66	2.81	2.87	3.07	3.38	3.89	4.15	5.02	5.34	5.84	6.20	6.31	7.36	7.52	30.1%
Combustion Turbine/Diesel	11.25	13.50	14.42	14.58	14.66	16.26	17.17	18.15	18.93	19.02	19.08	19.10	19.17	19.43	19.62	20.56	20.85	21.66	21.92	22.35	22.35	22.53	22.88	22.93	3.1%
Nuclear Power	14.80	12.72	12.72	12.72	12.72	12.72	11.57	11.57	11.57	10.80	10.80	10.80	10.80	10.80	10.80	10.02	10.02	10.02	9.51	9.51	9.51	9.51	9.51	9.51	-1.9%
Pumped Storage/Other 3/	0.35	0.35	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	2.0%
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.75	0.75	0.76	0.80	0.80	0.80	0.80	0.80	0.82	0.82	0.82	0.83	0.83	0.84	0.85	0.87	0.89	0.93	0.95	0.98	1.01	1.03	1.07	1.13	1.8%
Total Capability	59.60	59.77	60.91	62.30	62.41	64.26	64.02	65.14	65.03	64.36	64.68	64.87	65.00	65.47	65.20	66.70	67.30	68.57	69.22	70.29	70.78	71.21	71.08	71.64	0.8%
Cumulative Planned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.02	0.02	0.02	0.02	0.02	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	12.7%
Combustion Turbine/Diesel	0.00	0.00	0.00	0.00	0.09	1.68	2.25	2.86	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	36.2%
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.00	0.00	0.02	0.05	0.05	0.05	0.05	0.05	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	18.8%
Total (planned)	0.02	0.02	0.24	0.28	0.36	2.22	2.78	3.39	4.09	4.09	4.09	4.09	4.09	4.09	4.09	4.09	4.09	4.09	4.09	4.09	4.09	4.09	4.09	4.09	25.5%
Cumulative Unplanned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.06	0.08	0.15	0.21	0.32	0.42	0.53	0.68	0.96	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.00	0.00	0.00	1.23	1.23	1.23	1.23	1.38	1.58	2.12	2.39	2.54	2.60	2.80	3.10	3.61	3.88	4.74	5.06	5.57	5.92	6.04	7.08	7.25	N/A
Combustion Turbine/Diesel	7.25	9.52	10.57	10.57	10.57	10.57	10.93	11.30	11.50	11.64	11.70	11.72	11.79	12.10	12.24	13.19	13.47	14.29	14.54	14.97	14.97	15.16	15.50	15.55	3.4%
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.04	0.06	0.11	0.12	0.15	0.19	0.21	0.25	0.30	N/A
Total (unplanned)	7.25	9.52	10.57	11.80	11.82	11.82	12.18	12.70	13.10	13.78	14.11	14.29	14.43	14.94	15.41	16.90	17.50	19.29	19.94	21.01	21.50	21.93	23.51	24.06	5.4%
Cumulative Total Additions	7.27	9.54	10.81	12.08	12.19	14.04	14.96	16.09	17.19	17.87	18.19	18.38	18.52	19.03	19.49	20.98	21.58	23.38	24.02	25.10	25.59	26.02	27.60	28.15	6.1%
Cumulative Retirements	0.12	2.20	2.20	2.23	2.23	2.23	3.44	3.49	4.16	4.99	4.99	4.99	4.99	4.99	5.77	5.77	5.77	6.29	6.29	6.29	6.29	6.29	7.99	7.99	20.0%
Cogenerators 6/ Capacity																									
Coal	0.32	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.37	0.37	0.37	0.37	0.37	0.37	0.6%
Petroleum	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.3%
Natural Gas	0.49	0.50	0.50	0.51	0.51	0.51	0.51	0.51	0.51	0.52	0.52	0.52	0.52	0.52	0.53	0.53	0.53	0.54	0.54	0.54	0.54	0.55	0.54	0.54	0.4%
Other Gaseous Fuels	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.5%
Renewables	0.19	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.24	1.2%
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.9%
Total	1.02	1.08	1.08	1.10	1.10	1.10	1.11	1.11	1.11	1.12	1.13	1.13	1.14	1.14	1.15	1.15	1.16	1.16	1.17	1.17	1.18	1.18	1.18	1.18	0.6%

Table 62. Electric Power Projections for EMM Region 04 - Mid-America Interconnected Network																								1997- 2020		
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		
Electricity Demand (billion kilowatthours)																										
Residential	66.09	68.19	70.25	71.88	73.69	74.31	74.56	74.83	75.30	75.70	76.15	76.63	77.16	77.73	78.82	79.95	80.89	81.92	82.78	83.87	84.81	85.77	86.83	87.87	1.2%	
Commercial/Other	74.77	77.14	78.68	79.80	80.85	81.92	82.57	83.28	84.17	84.88	85.65	86.47	87.30	88.13	89.09	90.24	91.02	91.86	92.48	93.11	93.53	93.84	94.13	94.30	1.0%	
Industrial	86.72	87.86	87.73	87.91	89.27	90.21	90.80	91.53	93.04	94.59	95.55	96.39	97.35	98.17	98.74	99.84	100.57	101.76	103.20	103.93	105.00	105.96	106.71	107.34	0.9%	
Transportation	1.08	1.10	1.11	1.13	1.15	1.17	1.44	1.69	1.91	2.11	2.27	2.43	2.59	2.75	2.89	3.00	3.12	3.23	3.35	3.46	3.57	3.68	3.78	3.88	5.7%	
Total Sales	228.66	234.28	237.77	240.71	244.96	247.61	249.37	251.34	254.42	257.27	259.62	261.92	264.39	266.77	269.54	273.03	275.60	278.77	281.82	284.37	286.90	289.25	291.44	293.39	1.1%	
Net Energy for Load (billion kwh) 7/																										
Gross International Imports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Gross International Exports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Gross Interregional Electric Imports	19.07	16.86	13.92	9.91	9.05	8.52	10.83	10.78	11.72	12.32	12.16	12.10	12.86	12.49	14.86	15.23	15.40	15.51	15.78	15.36	15.26	15.08	13.72	13.14	-1.6%	
Gross Interregional Electric Exports	10.74	8.94	10.03	12.68	11.80	9.42	7.96	6.01	5.60	5.78	6.75	6.52	7.32	7.01	7.19	6.97	7.59	8.00	6.88	7.29	7.06	8.10	8.11	8.30	-1.1%	
Purchases from cogenerators 6/	0.42	1.98	1.97	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.99	1.99	1.99	1.99	1.99	2.00	2.00	2.00	2.00	2.01	2.01	2.01	2.01	2.01	7.1%	
Util. Generation for Customers	213.67	241.19	248.79	258.41	262.75	263.56	261.49	261.49	263.25	265.69	269.13	271.21	273.68	276.09	276.64	279.56	282.52	285.97	287.63	291.15	293.71	297.41	301.10	303.93	1.5%	
Total Net Energy for Load	222.41	251.09	254.65	257.61	261.99	264.64	266.33	268.25	271.36	274.22	276.52	278.78	281.21	283.57	286.31	289.81	292.33	295.48	298.53	301.23	303.91	306.40	308.72	310.77	1.5%	
Generation by Fuel Type (billion kilowatthours)																										
Coal	142.79	154.17	160.92	166.69	170.03	169.93	171.78	171.14	171.52	173.62	175.67	176.72	178.48	179.12	181.36	182.03	183.42	185.70	186.79	188.83	189.95	192.28	193.57	196.39	1.4%	
Petroleum	0.67	1.27	0.99	0.76	0.73	0.64	0.54	0.52	0.52	0.53	0.54	0.56	0.57	0.57	0.58	0.57	0.58	0.57	0.57	0.57	0.56	0.57	0.57	0.57	-0.7%	
Natural Gas	4.61	1.83	1.73	4.82	5.35	5.83	6.38	6.48	6.97	9.46	11.40	12.38	13.12	14.89	15.69	18.30	19.72	24.42	24.88	26.15	27.36	28.56	30.70	30.32	8.5%	
Nuclear	61.90	80.75	82.15	82.95	83.46	83.97	79.58	80.14	81.02	78.85	78.29	78.26	78.22	78.19	75.63	75.14	75.14	71.31	71.31	71.31	71.31	71.31	71.31	71.31	71.31	0.6%
Pumped Storage/Other 3/	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Renewable 4/	3.94	3.30	3.11	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.38	3.38	3.41	3.47	3.60	3.75	4.06	4.17	4.39	4.62	4.78	5.04	5.42	1.4%
Total Generation	213.79	241.31	248.91	258.53	262.88	263.68	261.58	261.58	263.34	265.77	269.21	271.30	273.77	276.18	276.73	279.64	282.61	286.06	287.72	291.24	293.79	297.50	301.19	304.01	1.5%	
Sales to Customers	213.67	241.19	248.79	258.41	262.75	263.56	261.49	261.49	263.25	265.69	269.13	271.21	273.68	276.09	276.64	279.56	282.52	285.97	287.63	291.15	293.71	297.41	301.10	303.93	1.5%	
Generation for Own Use	0.12	0.12	0.12	0.12	0.12	0.12	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	-1.5%	
Cogenerators																										
Coal	1.82	1.75	1.73	1.73	1.72	1.71	1.70	1.68	1.66	1.65	1.63	1.61	1.58	1.56	1.55	1.55	1.54	1.54	1.53	1.53	1.52	1.52	1.51	1.51	-0.8%	
Petroleum	0.04	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	5.2%	
Natural Gas	0.69	2.33	2.32	2.33	2.35	2.34	2.35	2.36	2.37	2.37	2.38	2.39	2.40	2.41	2.43	2.44	2.45	2.47	2.48	2.49	2.50	2.51	2.51	2.50	5.8%	
Other Gaseous Fuels	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	1.2%	
Renewable	1.00	1.20	1.20	1.24	1.26	1.28	1.29	1.31	1.33	1.36	1.39	1.41	1.44	1.46	1.48	1.49	1.51	1.53	1.55	1.57	1.58	1.60	1.61	1.62	2.1%	
Other	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.2%	
Total	3.63	5.51	5.49	5.53	5.55	5.56	5.56	5.57	5.58	5.60	5.62	5.63	5.64	5.66	5.68	5.70	5.72	5.75	5.78	5.80	5.82	5.84	5.84	5.84	2.1%	
Sales to Utilities	0.42	1.98	1.97	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.99	1.99	1.99	1.99	1.99	2.00	2.00	2.00	2.00	2.01	2.01	2.01	2.01	2.01	7.1%	
Generation for Own Use	3.21	3.53	3.52	3.55	3.58	3.58	3.58	3.59	3.60	3.62	3.63	3.64	3.65	3.66	3.68	3.71	3.73	3.75	3.77	3.79	3.81	3.83	3.83	3.83	0.8%	
End-Use Prices (1997 cents per kilowatthour)																										
Residential	9.5	9.4	8.3	7.9	7.7	7.4	7.4	7.3	7.4	7.5	7.6	7.7	7.8	7.8	7.9	7.7	7.6	7.5	7.5	7.4	7.4	7.4	7.4	7.3	-1.2%	
Commercial	7.5	7.5	7.1	6.9	6.7	6.4	6.4	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.5	6.3	6.3	6.1	6.1	5.9	5.9	5.9	5.8	5.8	-1.1%	
Industrial	4.7	4.5	4.5	4.4	4.4	4.3	4.4	4.3	4.2	4.2	4.2	4.2	4.3	4.3	4.4	4.2	4.2	4.1	4.1	3.9	3.9	3.9	3.9	3.9	-0.8%	
Transportation	5.9	5.9	5.6	5.5	5.4	5.2	5.3	5.2	5.1	5.1	5.1	4.7	4.7	4.7	4.7	4.6	4.6	4.6	4.6	4.5	4.5	4.5	4.4	4.4	-1.3%	
All Sectors Average	7.0	6.9	6.5	6.3	6.1	6.0	6.0	5.9	5.9	5.9	5.9	5.9	6.0	6.0	6.1	5.9	5.9	5.8	5.7	5.6	5.6	5.6	5.6	5.5	-1.0%	

Table 62. Electric Power Projections for EMM Region 04 - Mid-America Interconnected Network																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Price Components (1997 cents per kilowatthour)																									
Capital Component	3.6	3.7	3.3	3.1	3.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.9	3.2	3.0	2.9	2.8	2.8	2.7	2.6	2.6	2.6	2.6	-1.4%
Fuel Component	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.2%
O&M Component	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	2.0	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	-0.9%
Wholesale Power Cost	0.2	0.2	0.1	0.0	-0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-5.8%
Total	7.0	6.9	6.5	6.3	6.1	6.0	6.0	5.9	5.9	5.9	5.9	5.9	6.0	6.0	6.1	5.9	5.9	5.8	5.7	5.6	5.6	5.6	5.6	5.5	-1.0%
Fuel Consumption (quadrillion Btu) 8/																									
Coal	1.53	1.66	1.73	1.79	1.83	1.83	1.85	1.84	1.85	1.87	1.89	1.91	1.93	1.93	1.96	1.96	1.98	2.00	2.01	2.03	2.04	2.07	2.08	2.10	1.4%
Natural Gas	0.06	0.02	0.02	0.04	0.05	0.05	0.06	0.06	0.06	0.08	0.09	0.10	0.10	0.12	0.12	0.14	0.15	0.18	0.18	0.19	0.20	0.20	0.22	0.21	5.5%
Oil	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-2.0%
Total	1.60	1.69	1.76	1.84	1.88	1.89	1.91	1.90	1.91	1.95	1.99	2.01	2.03	2.05	2.08	2.11	2.13	2.19	2.20	2.23	2.25	2.28	2.30	2.32	1.6%
Emissions (million short tons) 9/																									
Total Carbon	41.30	44.31	46.19	48.24	49.43	49.48	50.11	49.94	50.07	50.99	51.81	52.24	52.85	53.23	53.98	54.40	54.94	56.04	56.37	57.02	57.37	58.15	58.57	59.16	1.6%
Carbon Dioxide	151.43	162.45	169.38	176.88	181.24	181.42	183.72	183.13	183.59	186.96	189.98	191.56	193.79	195.19	197.92	199.46	201.45	205.49	206.70	209.06	210.36	213.21	214.74	216.93	1.6%
Sulfur Dioxide	1.22	1.26	1.23	1.02	0.87	0.85	0.82	0.81	0.80	0.80	0.79	0.78	0.79	0.78	0.77	0.76	0.74	0.75	0.74	0.73	0.72	0.72	0.72	0.71	-2.3%
Nitrogen Oxide	0.47	0.50	0.52	0.37	0.38	0.38	0.29	0.28	0.29	0.29	0.30	0.29	0.30	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.32	-1.7%

Note: Totals may not equal sum of components due to independent rounding.

1/ Net summer capability is the steady hourly output that generating equipment is expected to supply to system load (exclusive of auxiliary power), as demonstrated by tests during summer peak demand. Includes electric utilities, small power producers, and exempt wholesale generators. Nameplate capacity is reported for nonutilities on Form EIA-867, Annual Nonutility Power Producer Report." Nameplate capacity is designated by the manufacturer. The nameplate capacity has been converted to net summer capacity based on historic relationships.

2/ Includes oil-, gas-, and dual-fired capability.

3/ Other includes methane, propane gas, and blast furnace gas, hydrogen, sulfur, batteries, chemicals, fish oil, and spent sulfite liquor.

4/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, other biomass, solar thermal, photovoltaics, and wind power.

5/ Cumulative additions after December 31, 1996.

6/ Cogenerators produce electricity and another form of useful energy (such as steam or heat) through the sequential use of energy.

7/ Generation to meet system load by source.

8/ Includes fuel consumption by electric utilities, small power producers, independent power producers, and exempt wholesale generators.

9/ Estimated emissions from utilities and nonutilities (excluding cogenerators).

O&M = Operation and maintenance.

EMM = Electricity market module.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Source: 1997 (except for prices and nonutility data) Energy Information Administration (EIA), Annual Energy Review 1997, DOE/EIA-0384(97) (Washington, DC, July 1998). Other 1997 and projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 63. Electric Power Projections for EMM Region 05 - Mid-Continent Area Power Pool																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Electricity Generating Capability 1/ (gigawatts)																									
Coal Steam	20.73	21.20	20.75	20.75	20.75	20.75	20.75	20.75	20.75	20.75	20.72	20.72	20.72	20.72	20.73	20.73	20.74	20.74	20.75	20.76	20.79	20.82	20.86	20.89	0.0%
Other Fossil Steam 2/	0.61	0.61	0.61	0.61	0.61	0.61	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	-0.0%
Combined Cycle	0.15	0.15	0.15	0.38	0.38	0.38	0.62	1.06	1.71	2.11	2.13	2.13	2.15	2.42	3.02	3.31	3.47	3.69	3.94	4.29	4.53	4.87	5.12	5.37	16.9%
Combustion Turbine/Diesel	6.03	7.39	7.82	7.86	7.89	8.22	9.13	10.08	10.17	10.17	10.17	10.17	10.27	10.40	10.71	10.83	11.06	11.37	11.87	12.04	12.29	12.34	12.56	12.59	3.2%
Nuclear Power	3.74	3.74	3.74	3.74	3.74	3.74	2.88	1.57	1.57	1.57	1.57	1.57	1.57	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	-5.5%
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	3.68	3.80	4.20	4.20	4.28	4.49	4.50	4.50	4.51	4.52	4.53	4.54	4.54	4.55	4.56	4.56	4.56	4.57	4.57	4.58	4.59	4.60	4.62	4.63	1.0%
Total Capability	34.94	36.89	37.27	37.54	37.66	38.19	38.48	38.57	39.33	39.72	39.73	39.74	39.87	39.73	40.65	41.06	41.47	42.00	42.77	43.29	43.84	44.26	44.78	45.12	1.1%
Cumulative Planned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combustion Turbine/Diesel	0.00	0.01	0.01	0.01	0.01	0.01	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	N/A
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.00	0.12	0.51	0.51	0.58	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	N/A
Total (planned)	0.00	0.13	0.52	0.52	0.59	0.80	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	N/A
Cumulative Unplanned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.03	0.03	0.07	0.09	0.13	0.17	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.00	0.00	0.00	0.23	0.23	0.23	0.47	0.91	1.56	1.96	1.98	1.98	2.00	2.27	2.87	3.16	3.32	3.54	3.79	4.14	4.39	4.72	4.97	5.22	N/A
Combustion Turbine/Diesel	1.08	2.42	2.85	2.89	2.93	3.25	4.17	5.16	5.26	5.26	5.27	5.37	5.50	5.81	5.93	6.16	6.47	6.97	7.14	7.38	7.44	7.65	7.69	8.9%	
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.15	0.16	0.16	0.17	0.18	0.18	0.18	0.19	0.19	0.21	0.22	0.23	0.25	4.8%
Total (unplanned)	1.16	2.51	2.95	3.22	3.26	3.59	4.75	6.18	6.94	7.36	7.39	7.40	7.53	7.93	8.85	9.27	9.68	10.21	10.97	11.50	12.04	12.47	12.99	13.32	11.2%
Cumulative Total Additions	1.16	2.64	3.47	3.74	3.85	4.39	5.59	7.02	7.78	8.20	8.23	8.24	8.37	8.77	9.69	10.11	10.52	11.04	11.81	12.34	12.88	13.31	13.83	14.16	11.5%
Cumulative Retirements	0.45	0.45	0.45	0.45	0.45	0.45	1.36	2.71	2.71	2.72	2.75	2.75	2.75	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	9.1%
Cogenerators 6/ Capacity																									
Coal	0.26	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.6%
Petroleum	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.8%
Natural Gas	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.40	0.40	0.40	0.40	0.3%
Other Gaseous Fuels	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	1.5%
Renewables	0.12	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.16	1.1%
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total	0.79	0.83	0.83	0.85	0.85	0.85	0.85	0.86	0.86	0.86	0.87	0.87	0.87	0.87	0.88	0.88	0.88	0.89	0.89	0.90	0.90	0.90	0.90	0.90	0.6%

Table 63. Electric Power Projections for EMM Region 05 - Mid-Continent Area Power Pool																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Electricity Demand (billion kilowatthours)																										
Residential	49.55	51.12	52.67	54.06	55.52	56.11	56.45	56.75	57.23	57.65	58.12	58.63	59.15	59.71	60.55	61.33	62.07	62.84	63.51	64.29	64.96	65.67	66.39	67.20	1.3%	
Commercial/Other	36.46	37.60	38.35	39.00	39.55	40.11	40.52	40.92	41.44	41.87	42.32	42.82	43.31	43.80	44.39	45.00	45.52	46.01	46.35	46.70	46.98	47.22	47.46	47.67	1.2%	
Industrial	56.05	56.88	56.73	56.83	57.68	58.25	58.65	59.13	60.10	61.08	61.65	62.15	62.73	63.23	63.55	64.24	64.68	65.41	66.33	66.77	67.44	68.03	68.50	68.88	0.9%	
Transportation	0.70	0.71	0.72	0.73	0.75	0.76	0.94	1.10	1.25	1.38	1.49	1.60	1.71	1.82	1.91	1.99	2.07	2.15	2.23	2.30	2.38	2.45	2.52	2.59	5.8%	
Total Sales	142.76	146.32	148.47	150.63	153.50	155.23	156.56	157.90	160.02	161.98	163.57	165.21	166.90	168.55	170.40	172.56	174.33	176.41	178.42	180.06	181.75	183.38	184.88	186.35	1.2%	
Net Energy for Load (billion kwh) 7/																										
Gross International Imports	6.76	7.65	7.34	6.56	6.58	6.38	6.38	6.38	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	-5.2%	
Gross International Exports	1.72	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	0.6%	
Gross Interregional Electric Imports	3.75	1.97	1.77	1.78	1.80	1.80	1.82	1.83	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	-3.1%	
Gross Interregional Electric Exports	10.40	9.23	9.09	9.13	7.89	7.93	7.93	7.93	7.54	7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93	-1.2%	
Purchases from cogenerators 6/	0.25	1.72	1.71	1.72	1.72	1.72	1.72	1.72	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.74	1.74	1.74	1.74	1.74	1.74	8.8%	
Util. Generation for Customers	159.58	159.99	162.57	165.58	167.31	169.28	170.55	171.84	178.00	180.36	181.92	183.53	185.21	186.84	188.67	190.84	192.58	194.64	196.65	198.42	200.25	202.00	203.62	205.20	1.1%	
Total Net Energy for Load	158.22	160.11	162.32	164.53	167.54	169.27	170.56	171.86	174.03	176.00	177.57	179.18	180.85	182.49	184.32	186.49	188.23	190.29	192.30	194.07	195.90	197.66	199.27	200.86	1.0%	
Generation by Fuel Type (billion kilowatthours)																										
Coal	111.68	113.67	117.02	119.41	120.34	121.37	124.08	131.31	135.79	136.68	137.18	137.68	138.17	138.61	139.87	140.16	140.69	141.03	141.42	141.97	142.33	142.92	143.33	143.83	1.1%	
Petroleum	1.04	0.44	0.47	0.30	0.31	0.30	0.21	0.23	0.26	0.25	0.27	0.28	0.29	0.30	0.28	0.24	0.23	0.24	0.24	0.24	0.24	0.24	0.24	0.24	-6.2%	
Natural Gas	1.16	2.38	1.34	1.00	1.26	1.46	2.35	4.65	9.02	10.52	11.58	12.52	13.67	15.46	19.16	21.05	22.24	23.93	25.52	26.70	28.07	29.16	30.26	31.26	15.4%	
Nuclear	26.28	24.46	25.03	25.03	25.03	25.01	22.73	14.44	11.64	11.57	11.50	11.61	11.59	10.93	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	7.78	-5.2%	
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Renewable 4/	19.48	19.10	18.77	19.00	20.43	21.20	21.24	21.28	21.33	21.39	21.44	21.50	21.55	21.59	21.63	21.66	21.69	21.72	21.74	21.79	21.88	21.96	22.07	22.16	0.6%	
Total Generation	159.64	160.04	162.63	165.64	167.37	169.34	170.61	171.90	178.05	180.41	181.98	183.59	185.26	186.90	188.73	190.89	192.63	194.69	196.70	198.47	200.30	202.06	203.67	205.26	1.1%	
Sales to Customers	159.58	159.99	162.57	165.58	167.31	169.28	170.55	171.84	178.00	180.36	181.92	183.53	185.21	186.84	188.67	190.84	192.58	194.64	196.65	198.42	200.25	202.00	203.62	205.20	1.1%	
Generation for Own Use	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	-0.4%	
Cogenerators																										
Coal	1.21	1.18	1.17	1.17	1.17	1.16	1.15	1.14	1.13	1.12	1.11	1.10	1.08	1.07	1.06	1.06	1.06	1.05	1.05	1.05	1.04	1.04	1.04	1.03	-0.7%	
Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.1%	
Natural Gas	0.24	1.84	1.84	1.84	1.85	1.84	1.85	1.85	1.85	1.85	1.86	1.86	1.86	1.87	1.87	1.88	1.88	1.89	1.89	1.90	1.90	1.90	1.90	1.90	9.4%	
Other Gaseous Fuels	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.2%	
Renewable	0.57	0.74	0.74	0.76	0.78	0.79	0.79	0.80	0.82	0.83	0.85	0.86	0.88	0.89	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.97	0.98	2.4%	
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Total	2.03	3.77	3.75	3.78	3.79	3.80	3.80	3.80	3.80	3.81	3.82	3.82	3.83	3.83	3.84	3.85	3.86	3.87	3.89	3.90	3.91	3.92	3.92	3.92	2.9%	
Sales to Utilities	0.25	1.72	1.71	1.72	1.72	1.72	1.72	1.72	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.74	1.74	1.74	1.74	1.74	8.8%	
Generation for Own Use	1.78	2.05	2.04	2.06	2.07	2.07	2.07	2.07	2.08	2.09	2.09	2.09	2.10	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18	2.18	2.18	0.9%	
End-Use Prices (1997 cents per kilowatthour)																										
Residential	7.5	7.3	7.2	7.1	6.9	6.8	6.8	6.9	6.8	6.8	6.7	6.7	6.6	6.6	6.5	6.4	6.3	6.2	6.2	6.1	6.1	6.1	6.0	5.9	-1.0%	
Commercial	6.3	6.3	6.1	6.0	5.9	5.8	5.8	5.8	5.7	5.7	5.7	5.6	5.6	5.6	5.4	5.4	5.3	5.3	5.2	5.2	5.2	5.1	5.1	5.0	-1.0%	
Industrial	4.2	4.2	4.1	4.0	3.9	3.9	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.6	3.5	3.5	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.2	-1.2%	
Transportation	5.2	5.2	5.1	5.0	4.9	4.8	4.8	4.7	4.7	4.7	4.6	4.6	4.6	4.5	4.4	4.3	4.3	4.2	4.2	4.1	4.1	4.1	4.0	4.0	-1.1%	
All Sectors Average	5.9	5.8	5.7	5.6	5.5	5.4	5.4	5.4	5.3	5.3	5.3	5.2	5.2	5.2	5.1	5.0	5.0	4.9	4.9	4.8	4.8	4.8	4.7	4.7	-1.0%	

Table 63. Electric Power Projections for EMM Region 05 - Mid-Continent Area Power Pool																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Price Components (1997 cents per kilowatthour)																										
Capital Component	2.7	2.7	2.7	2.7	2.6	2.5	2.5	2.6	2.6	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.0	2.0	2.0	1.9	-1.5%	
Fuel Component	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5%	
O&M Component	2.1	2.1	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	-0.8%	
Wholesale Power Cost	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	N/A	
Total	5.9	5.8	5.7	5.6	5.5	5.4	5.4	5.4	5.3	5.3	5.3	5.2	5.2	5.2	5.1	5.0	5.0	4.9	4.9	4.8	4.8	4.8	4.7	4.7	-1.0%	
Fuel Consumption (quadrillion Btu) 8/																										
Coal	1.24	1.24	1.28	1.31	1.32	1.33	1.36	1.45	1.50	1.51	1.52	1.53	1.53	1.54	1.55	1.56	1.56	1.57	1.57	1.58	1.58	1.59	1.59	1.59	1.1%	
Natural Gas	0.02	0.03	0.02	0.01	0.01	0.02	0.02	0.04	0.07	0.08	0.09	0.10	0.11	0.12	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.21	0.22	0.22	12.2%	
Oil	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.2%	
Total	1.27	1.28	1.30	1.32	1.34	1.35	1.39	1.49	1.58	1.60	1.62	1.63	1.65	1.66	1.70	1.72	1.73	1.75	1.76	1.77	1.78	1.80	1.81	1.82	1.6%	
Emissions (million short tons) 9/																										
Total Carbon	31.82	33.85	34.65	35.22	35.55	35.90	36.84	39.38	41.30	41.75	42.07	42.35	42.65	42.99	43.72	44.01	44.28	44.56	44.82	45.06	45.26	45.53	45.68	45.89	1.6%	
Carbon Dioxide	116.68	124.12	127.05	129.16	130.35	131.65	135.07	144.39	151.43	153.08	154.25	155.27	156.39	157.64	160.30	161.35	162.36	163.39	164.35	165.23	165.97	166.93	167.49	168.25	1.6%	
Sulfur Dioxide	0.43	0.44	0.45	0.45	0.44	0.44	0.44	0.47	0.49	0.48	0.48	0.48	0.47	0.47	0.46	0.46	0.45	0.45	0.44	0.43	0.42	0.42	0.42	0.42	-0.1%	
Nitrogen Oxide	0.39	0.33	0.34	0.27	0.27	0.28	0.28	0.30	0.31	0.32	0.32	0.32	0.32	0.32	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.34	0.34	-0.6%	

Note: Totals may not equal sum of components due to independent rounding.

1/ Net summer capability is the steady hourly output that generating equipment is expected to supply to system load (exclusive of auxiliary power), as demonstrated by tests during summer peak demand. Includes electric utilities, small power producers, and exempt wholesale generators. Nameplate capacity is reported for nonutilities on Form EIA-867, Annual Nonutility Power Producer Report." Nameplate capacity is designated by the manufacturer. The nameplate capacity has been converted to net summer capacity based on historic relationships.

2/ Includes oil-, gas-, and dual-fired capability.

3/ Other includes methane, propane gas, and blast furnace gas, hydrogen, sulfur, batteries, chemicals, fish oil, and spent sulfite liquor.

4/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, other biomass, solar thermal, photovoltaics, and wind power.

5/ Cumulative additions after December 31, 1996.

6/ Cogenerators produce electricity and another form of useful energy (such as steam or heat) through the sequential use of energy.

7/ Generation to meet system load by source.

8/ Includes fuel consumption by electric utilities, small power producers, independent power producers, and exempt wholesale generators.

9/ Estimated emissions from utilities and nonutilities (excluding cogenerators).

O&M = Operation and maintenance.

EMM = Electricity market module.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Source: 1997 (except for prices and nonutility data) Energy Information Administration (EIA), Annual Energy Review 1997, DOE/EIA-0384(97) (Washington, DC, July 1998). Other 1997 and projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 64. Electric Power Projections for EMM Region 06 - Northeast Power Coordinating Council/New York																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Electricity Generating Capability 1/ (gigawatts)																									
Coal Steam	4.82	4.82	4.82	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	-0.1%
Other Fossil Steam 2/	12.39	12.39	12.39	12.39	12.39	12.39	9.96	7.61	6.22	6.22	4.86	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.36	3.36	2.62	-6.5%
Combined Cycle	0.55	0.55	0.55	0.55	0.55	1.73	2.92	4.11	5.06	6.43	6.73	7.85	8.09	9.01	9.16	9.45	9.53	9.53	9.59	9.71	9.98	10.00	10.34	11.32	14.1%
Combustion Turbine/Diesel	3.81	3.81	3.81	3.81	3.81	3.81	3.81	4.35	6.72	6.72	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.85	8.36	8.36	3.5%
Nuclear Power	4.91	4.91	4.91	4.91	4.91	4.91	3.98	3.16	2.18	2.18	2.18	2.18	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	4.74	4.80	4.85	4.92	4.92	4.98	5.09	5.14	5.20	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.26	5.26	5.26	5.26	5.27	5.28	5.29	0.5%
Total Capability	32.51	32.57	32.62	32.61	32.61	33.85	31.77	30.39	31.40	32.82	32.80	32.79	31.95	32.88	33.02	33.31	33.39	33.39	33.45	32.48	32.76	32.50	33.36	33.61	0.1%
Cumulative Planned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combustion Turbine/Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	N/A
Total (planned)	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	N/A
Cumulative Unplanned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.00	0.00	0.00	0.00	0.00	1.19	2.37	3.56	4.52	5.88	6.19	7.30	7.54	8.47	8.61	8.90	8.98	8.98	9.04	9.16	9.44	9.45	9.80	10.77	N/A
Combustion Turbine/Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	2.91	2.91	3.94	3.94	3.94	3.94	3.94	3.94	3.94	3.94	3.94	3.94	3.94	4.04	4.55	4.55	N/A
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.02	0.03	N/A
Total (unplanned)	0.00	0.00	0.00	0.00	0.00	1.19	2.37	4.10	7.42	8.79	10.13	11.24	11.49	12.41	12.55	12.84	12.92	12.92	12.99	13.11	13.39	13.50	14.37	15.36	N/A
Cumulative Total Additions	0.00	0.01	0.01	0.01	0.01	1.20	2.38	4.11	7.44	8.80	10.14	11.25	11.50	12.42	12.56	12.85	12.93	12.93	13.00	13.12	13.40	13.52	14.38	15.37	N/A
Cumulative Retirements	1.38	1.38	1.38	1.47	1.47	1.47	4.84	8.00	10.38	10.38	11.74	12.85	13.94	13.94	13.94	13.94	13.94	13.94	13.94	15.03	15.03	15.41	15.41	16.16	11.3%
Cogenerators 6/ Capacity																									
Coal	0.33	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.3%
Petroleum	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.8%
Natural Gas	5.82	5.91	5.90	5.99	6.01	6.00	6.01	6.03	6.04	6.06	6.08	6.10	6.12	6.14	6.16	6.19	6.21	6.24	6.26	6.28	6.30	6.32	6.32	6.30	0.3%
Other Gaseous Fuels	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	1.5%
Renewables	0.30	0.32	0.32	0.32	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.35	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.37	0.37	0.37	0.37	1.0%
Other	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.9%
Total	6.52	6.66	6.65	6.76	6.78	6.78	6.79	6.80	6.82	6.84	6.87	6.89	6.91	6.94	6.96	6.99	7.02	7.05	7.08	7.10	7.12	7.15	7.14	7.13	0.4%

Table 64. Electric Power Projections for EMM Region 06 - Northeast Power Coordinating Council/New York																							1997- 2020		
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Electricity Demand (billion kilowatthours)																									
Residential	42.93	44.29	45.63	47.29	49.01	49.82	50.40	50.93	51.63	52.21	52.82	53.45	53.82	54.23	54.97	55.63	56.28	56.74	57.38	58.03	58.56	59.12	59.92	60.68	1.5%
Commercial/Other	66.47	68.58	69.95	71.08	71.87	72.66	73.27	73.78	74.55	75.06	75.80	76.60	77.13	77.60	78.20	78.74	79.23	79.41	79.72	79.66	79.71	79.55	79.88	79.98	0.8%
Industrial	29.47	29.73	29.66	29.78	30.14	30.51	30.70	30.92	31.41	31.93	32.40	32.93	33.24	33.69	33.88	34.10	34.25	34.50	34.97	34.89	35.13	35.35	35.48	35.55	0.8%
Transportation	0.93	0.94	0.95	0.96	0.98	0.99	1.23	1.44	1.63	1.79	1.93	2.06	2.20	2.32	2.44	2.53	2.63	2.72	2.81	2.90	2.99	3.08	3.16	3.24	5.6%
Total Sales	139.80	143.54	146.19	149.12	151.99	153.99	155.59	157.07	159.22	160.98	162.95	165.04	166.38	167.83	169.48	171.00	172.39	173.38	174.89	175.48	176.39	177.11	178.44	179.45	1.1%
Net Energy for Load (billion kwh) 7/																									
Gross International Imports	15.66	18.30	16.07	16.22	20.08	22.30	22.16	21.69	20.45	21.80	21.56	19.33	20.31	18.48	17.14	16.35	15.09	14.75	15.04	15.72	15.42	14.93	15.40	15.38	-0.1%
Gross International Exports	1.52	1.77	1.90	1.82	1.85	1.87	1.90	1.93	1.95	1.98	1.99	2.00	2.01	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	2.03	1.3%
Gross Interregional Electric Imports	10.01	9.41	10.01	9.74	8.97	8.89	8.86	8.82	9.09	8.24	8.35	8.11	7.69	7.84	8.32	9.06	8.85	8.71	9.46	9.79	11.32	11.73	10.77	9.43	-0.3%
Gross Interregional Electric Exports	6.84	5.53	5.20	5.37	5.48	4.69	4.39	3.30	3.22	3.37	3.45	3.87	3.91	3.58	3.49	3.23	2.98	3.19	3.06	2.90	2.90	2.90	2.90	2.95	-3.6%
Purchases from cogenerators 6/	28.74	25.72	25.67	25.60	25.62	25.61	25.62	25.63	25.65	25.67	25.69	25.71	25.73	25.76	25.78	25.81	25.84	25.86	25.89	25.91	26.03	26.05	26.04	26.03	-0.4%
Util. Generation for Customers	118.77	107.60	111.80	115.14	115.13	114.25	115.73	116.60	119.70	121.10	123.26	128.24	129.02	131.78	134.15	135.39	137.92	139.48	139.78	139.22	138.83	139.65	141.56	144.06	0.8%
Total Net Energy for Load	164.83	153.72	156.45	159.50	162.48	164.49	166.07	167.52	169.71	171.46	173.43	175.52	176.83	178.25	179.87	181.35	182.69	183.60	185.08	185.71	186.68	187.44	188.85	189.92	0.6%
Generation by Fuel Type (billion kilowatthours)																									
Coal	28.31	29.56	31.42	31.69	31.71	31.06	29.80	29.97	29.60	29.84	28.37	28.42	28.42	28.11	29.90	29.58	30.01	30.24	30.48	31.18	32.00	32.20	31.79	31.96	0.5%
Petroleum	8.78	12.52	13.80	15.30	14.66	10.00	6.48	3.69	1.02	0.82	0.22	0.14	0.38	0.30	0.34	0.36	0.20	0.36	0.35	0.38	0.41	0.36	0.19	0.10	-17.6%
Natural Gas	21.78	12.30	13.70	13.50	13.95	18.10	25.04	35.19	45.86	52.55	56.83	61.88	63.67	72.73	73.27	74.82	77.08	78.24	78.29	79.75	83.73	84.36	86.82	89.16	6.3%
Nuclear	29.57	32.02	32.99	33.28	33.45	33.54	32.48	25.65	20.93	15.42	15.38	15.33	14.09	8.17	8.17	8.17	8.17	8.17	8.17	5.42	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	-1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	31.68	21.44	20.13	21.62	21.62	21.80	22.16	22.35	22.53	22.71	22.71	22.71	22.71	22.71	22.71	22.71	22.71	22.72	22.74	22.75	22.78	22.83	22.86	22.94	-1.4%
Total Generation	119.02	107.85	112.05	115.39	115.38	114.50	115.97	116.84	119.94	121.34	123.50	128.48	129.27	132.02	134.39	135.63	138.17	139.73	140.03	139.47	138.93	139.75	141.66	144.16	0.8%
Sales to Customers	118.77	107.60	111.80	115.14	115.13	114.25	115.73	116.60	119.70	121.10	123.26	128.24	129.02	131.78	134.15	135.39	137.92	139.48	139.78	139.22	138.83	139.65	141.56	144.06	0.8%
Generation for Own Use	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.10	0.10	0.10	0.10	-3.8%
Cogenerators																									
Coal	2.75	2.79	2.74	2.70	2.69	2.69	2.68	2.67	2.66	2.65	2.63	2.62	2.61	2.60	2.59	2.59	2.58	2.58	2.57	2.57	2.57	2.57	2.56	2.56	-0.3%
Petroleum	0.32	0.45	0.45	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	1.6%
Natural Gas	38.10	34.91	34.84	35.00	35.14	35.08	35.14	35.23	35.33	35.46	35.61	35.77	35.90	36.07	36.27	36.48	36.67	36.87	37.03	37.20	37.36	37.53	37.48	37.33	-0.1%
Other Gaseous Fuels	0.25	0.30	0.30	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	1.2%
Renewable	1.83	2.14	2.15	2.19	2.23	2.26	2.28	2.30	2.34	2.39	2.43	2.46	2.51	2.54	2.57	2.60	2.62	2.65	2.69	2.71	2.73	2.76	2.78	2.80	1.9%
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total	43.25	40.59	40.48	40.67	40.84	40.80	40.88	40.98	41.11	41.28	41.45	41.63	41.80	41.99	42.21	42.44	42.65	42.88	43.08	43.27	43.45	43.64	43.60	43.46	0.0%
Sales to Utilities	28.74	25.72	25.67	25.60	25.62	25.61	25.62	25.63	25.65	25.67	25.69	25.71	25.73	25.76	25.78	25.81	25.84	25.86	25.89	25.91	26.03	26.05	26.04	26.03	-0.4%
Generation for Own Use	14.50	14.86	14.81	15.08	15.22	15.19	15.26	15.35	15.46	15.61	15.76	15.92	16.06	16.23	16.42	16.63	16.82	17.02	17.19	17.36	17.42	17.59	17.55	17.44	0.8%
End-Use Prices (1997 cents per kilowatthour)																									
Residential	14.6	14.0	13.5	12.9	12.4	12.1	12.0	12.0	11.7	11.6	11.4	11.2	11.4	11.6	11.5	11.4	11.4	11.4	11.4	11.6	11.6	11.7	11.3	11.2	-1.2%
Commercial	11.9	11.7	11.2	10.6	10.3	9.9	9.8	9.8	9.4	9.3	8.9	8.4	8.4	8.4	8.3	8.2	8.2	8.2	8.3	8.6	8.6	8.8	8.5	8.3	-1.6%
Industrial	5.8	5.5	5.4	5.2	5.1	5.0	5.0	5.1	4.9	4.9	4.8	4.7	4.7	4.8	4.8	4.8	4.8	4.8	4.8	5.1	5.1	5.3	5.0	4.8	-0.8%
Transportation	8.8	8.6	8.4	8.2	8.1	7.9	7.9	7.7	7.5	7.4	7.3	7.2	7.3	7.4	7.3	7.2	7.3	7.2	7.3	7.3	7.3	7.4	7.2	7.0	-1.0%
All Sectors Average	11.4	11.1	10.7	10.2	9.9	9.6	9.5	9.5	9.3	9.1	8.9	8.6	8.6	8.7	8.6	8.6	8.6	8.6	8.6	8.9	8.9	9.0	8.7	8.5	-1.3%

Table 64. Electric Power Projections for EMM Region 06 - Northeast Power Coordinating Council/New York																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Price Components (1997 cents per kilowatthour)																									
Capital Component	6.4	6.3	5.9	5.5	5.2	5.0	4.9	4.9	4.7	4.5	4.2	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.3	4.3	4.4	4.1	4.0	-2.0%
Fuel Component	0.9	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.9	1.0	1.0	1.0	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.7%
O&M Component	3.1	3.1	3.1	3.1	3.0	3.0	3.0	2.9	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	-1.0%
Wholesale Power Cost	1.0	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.8	-1.2%
Total	11.4	11.1	10.7	10.2	9.9	9.6	9.5	9.5	9.3	9.1	8.9	8.6	8.6	8.7	8.6	8.6	8.6	8.6	8.6	8.9	8.9	9.0	8.7	8.5	-1.3%
Fuel Consumption (quadrillion Btu) 8/																									
Coal	0.29	0.30	0.32	0.32	0.32	0.32	0.30	0.30	0.30	0.30	0.29	0.29	0.29	0.28	0.30	0.30	0.31	0.31	0.31	0.32	0.33	0.33	0.33	0.33	0.6%
Natural Gas	0.25	0.12	0.14	0.14	0.14	0.16	0.20	0.27	0.34	0.38	0.41	0.44	0.45	0.51	0.52	0.53	0.54	0.55	0.55	0.56	0.59	0.60	0.61	0.62	4.0%
Oil	0.09	0.13	0.14	0.16	0.15	0.10	0.07	0.04	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.6%
Total	0.62	0.56	0.61	0.62	0.62	0.58	0.57	0.61	0.65	0.69	0.70	0.73	0.74	0.80	0.82	0.83	0.85	0.87	0.87	0.89	0.93	0.93	0.94	0.95	1.8%
Emissions (million short tons) 9/																									
Total Carbon	11.65	12.52	13.57	13.90	13.81	12.76	12.24	12.67	13.01	13.64	13.50	13.93	14.14	14.95	15.51	15.55	15.92	16.16	16.21	16.63	17.37	17.49	17.48	17.62	1.8%
Carbon Dioxide	42.71	45.91	49.75	50.97	50.64	46.80	44.87	46.45	47.72	50.03	49.50	51.09	51.86	54.80	56.88	57.01	58.37	59.27	59.45	60.97	63.69	64.12	64.08	64.60	1.8%
Sulfur Dioxide	0.34	0.35	0.37	0.36	0.37	0.35	0.32	0.32	0.24	0.28	0.21	0.21	0.20	0.20	0.20	0.20	0.20	0.22	0.24	0.27	0.30	0.30	0.30	0.30	-0.5%
Nitrogen Oxide	0.10	0.09	0.10	0.09	0.09	0.09	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	-0.6%

Note: Totals may not equal sum of components due to independent rounding.

1/ Net summer capability is the steady hourly output that generating equipment is expected to supply to system load (exclusive of auxiliary power), as demonstrated by tests during summer peak demand. Includes electric utilities, small power producers, and exempt wholesale generators. Nameplate capacity is reported for nonutilities on Form EIA-867, Annual Nonutility Power Producer Report." Nameplate capacity is designated by the manufacturer. The nameplate capacity has been converted to net summer capacity based on historic relationships.

2/ Includes oil-, gas-, and dual-fired capability.

3/ Other includes methane, propane gas, and blast furnace gas, hydrogen, sulfur, batteries, chemicals, fish oil, and spent sulfite liquor.

4/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, other biomass, solar thermal, photovoltaics, and wind power.

5/ Cumulative additions after December 31, 1996.

6/ Cogenerators produce electricity and another form of useful energy (such as steam or heat) through the sequential use of energy.

7/ Generation to meet system load by source.

8/ Includes fuel consumption by electric utilities, small power producers, independent power producers, and exempt wholesale generators.

9/ Estimated emissions from utilities and nonutilities (excluding cogenerators).

O&M = Operation and maintenance.

EMM = Electricity market module.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Source: 1997 (except for prices and nonutility data) Energy Information Administration (EIA), Annual Energy Review 1997, DOE/EIA-0384(97) (Washington, DC, July 1998). Other 1997 and projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 65. Electric Power Projections for EMM Region 07 - Northeast Power Coordinating Council/New England																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Electricity Generating Capability 1/ (gigawatts)																									
Coal Steam	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	N/A
Other Fossil Steam 2/	8.19	8.19	8.19	8.14	8.14	8.14	8.14	7.95	7.35	7.35	5.88	5.49	3.91	3.91	3.56	3.56	3.56	3.56	3.56	3.56	3.56	3.00	3.00	3.00	-4.3%
Combined Cycle	1.17	1.17	1.17	1.97	2.14	3.14	3.90	5.18	6.07	6.97	7.91	8.87	9.84	9.91	10.53	10.69	11.02	11.23	11.29	11.29	11.35	11.63	11.72	11.82	10.6%
Combustion Turbine/Diesel	1.79	2.40	2.40	2.39	3.14	3.28	3.33	3.33	3.79	4.12	4.12	4.44	4.44	4.68	4.68	4.68	4.68	4.68	4.68	4.68	4.68	4.68	4.68	4.68	4.3%
Nuclear Power	5.83	4.32	4.32	4.32	4.32	4.32	3.65	3.65	3.65	2.78	2.78	2.78	2.78	2.78	2.78	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	-4.0%
Pumped Storage/Other 3/	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	3.05	3.06	3.07	3.11	3.14	3.18	3.22	3.26	3.30	3.36	3.41	3.47	3.53	3.57	3.57	3.57	3.58	3.58	3.59	3.59	3.60	3.60	3.61	3.61	0.7%
Total Capability	24.39	23.49	23.51	24.28	25.24	26.42	26.59	27.73	28.53	28.93	28.45	29.39	28.85	29.21	29.48	29.14	29.48	29.70	29.76	29.76	29.83	29.55	29.64	29.75	0.9%
Cumulative Planned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Other Fossil Steam 2/	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	N/A
Combined Cycle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	27.5%
Combustion Turbine/Diesel	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	N/A
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.02	0.02	0.04	0.07	0.11	0.15	0.19	0.23	0.27	0.32	0.38	0.43	0.49	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	15.8%
Total (planned)	0.40	0.41	0.42	0.46	0.49	0.53	0.57	1.06	1.10	1.16	1.21	1.27	1.33	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37	5.5%
Cumulative Unplanned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.00	0.00	0.00	0.81	0.97	1.98	2.73	3.56	4.46	5.35	6.29	7.25	8.22	8.29	8.91	9.07	9.40	9.61	9.67	9.67	9.73	10.01	10.10	10.20	N/A
Combustion Turbine/Diesel	0.00	0.61	0.61	0.61	1.37	1.51	1.55	1.55	2.02	2.35	2.35	2.66	2.66	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	N/A
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.02	0.03	0.03	0.03	0.04	N/A
Total (unplanned)	0.00	0.61	0.61	1.42	2.34	3.49	4.29	5.12	6.47	7.70	8.64	9.91	10.89	11.26	11.87	12.04	12.37	12.59	12.65	12.66	12.72	13.01	13.10	13.20	N/A
Cumulative Total Additions	0.40	1.02	1.03	1.88	2.83	4.02	4.85	6.18	7.58	8.86	9.85	11.18	12.21	12.63	13.25	13.41	13.74	13.96	14.02	14.03	14.10	14.38	14.48	14.58	16.9%
Cumulative Retirements	1.63	3.14	3.14	3.21	3.21	3.21	3.88	4.07	4.67	5.54	7.01	7.40	8.98	9.03	9.39	9.88	9.88	9.88	9.88	9.88	9.88	10.45	10.45	10.45	8.4%
Cogenerators 6/ Capacity																									
Coal	0.50	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.53	0.53	0.53	0.53	0.2%
Petroleum	0.22	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.27	0.8%
Natural Gas	1.48	1.50	1.50	1.53	1.53	1.53	1.53	1.54	1.54	1.55	1.56	1.56	1.57	1.58	1.58	1.59	1.60	1.61	1.62	1.62	1.63	1.64	1.64	1.63	0.4%
Other Gaseous Fuels	0.18	0.18	0.18	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	1.5%
Renewables	0.84	0.90	0.90	0.91	0.92	0.92	0.92	0.93	0.94	0.95	0.95	0.96	0.97	0.97	0.98	0.99	0.99	1.00	1.01	1.02	1.02	1.03	1.03	1.04	0.9%
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.9%
Total	3.23	3.34	3.34	3.46	3.48	3.49	3.49	3.50	3.52	3.53	3.55	3.56	3.58	3.59	3.61	3.63	3.64	3.66	3.68	3.69	3.71	3.72	3.72	3.72	0.6%

Table 65. Electric Power Projections for EMM Region 07 - Northeast Power Coordinating Council/New England																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Price Components (1997 cents per kilowatthour)																									
Capital Component	4.8	4.7	4.5	4.3	4.2	3.9	3.9	3.9	3.8	3.7	3.6	3.3	3.1	3.0	3.0	3.1	3.0	3.1	3.1	3.1	3.1	3.1	3.0	3.0	-2.0%
Fuel Component	1.3	1.1	1.3	1.2	1.4	1.4	1.5	1.5	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.6%
O&M Component	3.2	3.1	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	-1.2%
Wholesale Power Cost	0.7	0.6	0.6	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	-4.4%
Total	10.0	9.5	9.4	9.0	8.9	8.4	8.5	8.4	8.2	8.1	8.0	7.6	7.4	7.3	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	-1.4%
Fuel Consumption (quadrillion Btu) 8/																									
Coal	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.18	0.18	0.18	0.15	0.14	0.13	0.13	0.14	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.15	-1.0%
Natural Gas	0.22	0.20	0.22	0.23	0.31	0.34	0.39	0.43	0.47	0.52	0.54	0.56	0.57	0.58	0.58	0.60	0.61	0.61	0.62	0.62	0.63	0.63	0.63	0.64	4.8%
Oil	0.23	0.22	0.29	0.26	0.28	0.22	0.20	0.13	0.08	0.06	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-14.4%
Total	0.64	0.61	0.70	0.69	0.78	0.76	0.78	0.75	0.73	0.76	0.74	0.72	0.71	0.71	0.72	0.74	0.75	0.76	0.77	0.77	0.78	0.79	0.79	0.80	1.0%
Emissions (million short tons) 9/																									
Total Carbon	11.39	12.64	14.42	14.07	15.47	14.79	15.00	14.12	13.36	13.59	13.08	12.43	12.07	11.95	12.03	12.44	12.64	12.71	12.87	13.04	13.17	13.24	13.32	13.43	0.7%
Carbon Dioxide	41.77	46.33	52.88	51.61	56.73	54.24	54.98	51.78	48.99	49.81	47.97	45.57	44.26	43.83	44.12	45.60	46.34	46.61	47.17	47.83	48.30	48.55	48.85	49.24	0.7%
Sulfur Dioxide	0.20	0.20	0.22	0.22	0.22	0.20	0.19	0.17	0.15	0.14	0.12	0.11	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.12	0.12	-2.3%
Nitrogen Oxide	0.08	0.09	0.10	0.09	0.10	0.09	0.08	0.08	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	-0.5%

Note: Totals may not equal sum of components due to independent rounding.

1/ Net summer capability is the steady hourly output that generating equipment is expected to supply to system load (exclusive of auxiliary power), as demonstrated by tests during summer peak demand. Includes electric utilities, small power producers, and exempt wholesale generators. Nameplate capacity is reported for nonutilities on Form EIA-867, Annual Nonutility Power Producer Report." Nameplate capacity is designated by the manufacturer. The nameplate capacity has been converted to net summer capacity based on historic relationships.

2/ Includes oil-, gas-, and dual-fired capability.

3/ Other includes methane, propane gas, and blast furnace gas, hydrogen, sulfur, batteries, chemicals, fish oil, and spent sulfite liquor.

4/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, other biomass, solar thermal, photovoltaics, and wind power.

5/ Cumulative additions after December 31, 1996.

6/ Cogenerators produce electricity and another form of useful energy (such as steam or heat) through the sequential use of energy.

7/ Generation to meet system load by source.

8/ Includes fuel consumption by electric utilities, small power producers, independent power producers, and exempt wholesale generators.

9/ Estimated emissions from utilities and nonutilities (excluding cogenerators).

O&M = Operation and maintenance.

EMM = Electricity market module.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Source: 1997 (except for prices and nonutility data) Energy Information Administration (EIA), Annual Energy Review 1997, DOE/EIA-0384(97) (Washington, DC, July 1998). Other 1997 and projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 66. Electric Power Projections for EMM Region 08 - Southeastern Electric Reliability Council/Florida																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Electricity Generating Capability 1/ (gigawatts)																									
Coal Steam	9.41	9.41	9.41	9.41	9.67	9.67	9.69	9.77	9.80	9.87	9.97	10.02	10.04	10.11	10.40	10.70	11.13	11.70	12.25	13.21	14.45	15.19	15.60	16.22	2.4%
Other Fossil Steam 2/	13.32	13.32	13.32	13.32	13.32	13.32	11.34	10.88	10.88	10.88	10.28	10.04	9.86	9.86	9.86	9.86	9.86	9.86	9.86	9.86	9.86	9.86	9.86	9.86	-1.3%
Combined Cycle	3.86	4.37	4.37	4.73	4.73	5.43	6.59	7.85	8.93	10.19	10.90	11.21	11.52	12.11	12.76	13.23	14.08	14.68	14.92	15.12	15.18	15.29	15.30	15.52	6.2%
Combustion Turbine/Diesel	5.47	5.47	5.47	5.47	5.47	5.47	7.46	7.92	7.86	7.86	7.86	7.86	7.86	7.97	7.97	8.22	8.49	9.02	9.38	9.38	9.38	9.40	9.66	9.66	2.5%
Nuclear Power	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.01	3.01	3.01	3.01	3.01	3.01	2.35	1.68	1.68	1.68	0.84	0.84	0.84	0.84	-6.4%
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.72	0.72	0.73	0.80	0.86	0.88	0.91	0.93	0.95	0.98	1.00	1.01	1.02	1.6%
Total Capability	36.59	37.10	37.10	37.46	37.73	38.43	39.61	40.96	42.00	42.52	42.72	42.86	43.00	43.79	44.80	45.22	46.12	47.85	49.01	49.37	50.69	51.57	52.28	53.12	1.6%
Cumulative Planned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.00	0.51	0.51	0.51	0.51	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	N/A
Combustion Turbine/Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total (planned)	0.00	0.51	0.51	0.51	0.51	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	28.1%
Cumulative Unplanned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.00	0.26	0.26	0.28	0.36	0.39	0.46	0.56	0.61	0.62	0.70	0.99	1.29	1.72	2.28	2.83	3.80	5.04	5.77	6.19	6.81	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.00	0.00	0.00	0.36	0.36	0.60	1.76	3.02	4.10	5.36	6.07	6.38	6.69	7.28	7.93	8.40	9.25	9.85	10.09	10.29	10.35	10.46	10.47	10.69	N/A
Combustion Turbine/Diesel	0.02	0.02	0.03	0.03	0.03	0.03	2.07	2.57	2.57	2.57	2.57	2.57	2.57	2.68	3.06	3.31	3.58	4.12	4.47	4.48	4.48	4.49	4.76	4.76	26.0%
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.19	0.25	0.32	0.34	0.36	0.38	0.41	0.44	0.46	0.47	0.48	4.8%
Total (unplanned)	0.19	0.19	0.20	0.55	0.82	1.06	4.28	6.12	7.22	8.55	9.36	9.73	10.06	10.85	12.23	13.32	14.89	16.61	17.78	18.98	20.30	21.18	21.88	22.73	23.2%
Cumulative Total Additions	0.19	0.70	0.71	1.07	1.33	2.03	5.25	7.09	8.19	9.52	10.33	10.70	11.03	11.82	13.20	14.29	15.86	17.58	18.75	19.95	21.27	22.15	22.85	23.70	23.3%
Cumulative Retirements	0.32	0.32	0.32	0.32	0.32	0.32	2.36	2.85	2.91	3.72	4.32	4.56	4.75	4.75	5.12	5.79	6.46	6.46	6.46	7.30	7.30	7.30	7.30	7.30	14.5%
Cogenerators 6/ Capacity																									
Coal	0.93	0.96	0.95	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.97	0.97	0.97	0.97	0.97	0.2%
Petroleum	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.8%
Natural Gas	1.52	1.55	1.54	1.58	1.59	1.59	1.59	1.60	1.61	1.61	1.62	1.63	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.73	1.72	0.5%
Other Gaseous Fuels	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	1.5%
Renewables	0.45	0.49	0.49	0.49	0.50	0.50	0.50	0.51	0.51	0.52	0.52	0.53	0.53	0.53	0.54	0.54	0.55	0.55	0.56	0.56	0.56	0.57	0.57	0.57	1.0%
Other	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.9%
Total	3.00	3.09	3.08	3.15	3.17	3.17	3.17	3.18	3.20	3.21	3.22	3.24	3.25	3.26	3.28	3.30	3.31	3.33	3.35	3.36	3.37	3.39	3.39	3.38	0.5%

Table 66. Electric Power Projections for EMM Region 08 - Southeastern Electric Reliability Council/Florida																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Electricity Demand (billion kilowatt-hours)																										
Residential	77.50	79.96	82.37	84.87	87.60	89.36	90.77	92.15	93.78	95.37	97.09	98.92	100.77	102.63	104.87	106.65	108.44	110.24	112.06	113.99	115.81	117.67	119.65	121.70	2.0%	
Commercial/Other	69.46	71.67	73.10	74.89	76.43	77.93	79.18	80.36	81.77	83.21	84.65	86.21	87.71	89.20	91.07	92.57	94.02	95.45	96.76	98.01	99.13	100.19	101.18	102.14	1.7%	
Industrial	14.15	14.19	14.28	14.34	14.61	14.82	14.90	15.01	15.27	15.54	15.78	15.97	16.19	16.38	16.54	16.75	16.94	17.18	17.45	17.60	17.82	18.03	18.18	18.32	1.1%	
Transportation	0.71	0.72	0.74	0.76	0.78	0.80	0.99	1.18	1.34	1.49	1.62	1.75	1.89	2.02	2.14	2.24	2.35	2.46	2.57	2.68	2.79	2.90	3.01	3.12	6.6%	
Total Sales	161.82	166.54	170.49	174.85	179.41	182.91	185.85	188.70	192.17	195.61	199.14	202.86	206.56	210.23	214.62	218.22	221.74	225.32	228.84	232.28	235.55	238.78	242.02	245.28	1.8%	
Net Energy for Load (billion kwh) 7/																										
Gross International Imports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Gross International Exports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Gross Interregional Electric Imports	23.65	25.12	25.99	28.40	29.21	29.78	28.96	28.02	27.50	27.42	26.94	27.16	27.91	26.86	26.58	27.42	27.17	25.73	26.17	25.91	25.44	25.17	25.13	24.58	0.2%	
Gross Interregional Electric Exports	1.54	1.72	0.61	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.09	-11.8%	
Purchases from cogenerators 6/	11.80	10.35	10.32	10.28	10.29	10.30	10.30	10.31	10.32	10.33	10.34	10.36	10.37	10.38	10.39	10.41	10.42	10.44	10.45	10.46	10.47	10.48	10.48	10.48	-0.5%	
Util. Generation for Customers	147.52	146.64	148.82	150.40	154.36	157.41	161.23	165.07	169.16	172.78	176.87	180.46	183.48	188.30	193.10	195.91	199.73	204.80	207.93	211.85	215.79	219.50	223.02	227.10	1.9%	
Total Net Energy for Load	181.43	180.40	184.51	189.08	193.86	197.48	200.49	203.39	206.98	210.52	214.15	217.97	221.76	225.54	230.07	233.74	237.32	240.96	244.55	248.22	251.71	255.15	258.60	262.07	1.6%	
Generation by Fuel Type (billion kilowatt-hours)																										
Coal	62.26	65.70	66.19	66.95	68.88	68.98	69.06	69.56	69.28	70.54	71.33	71.72	72.17	72.37	75.07	77.25	80.32	84.38	88.32	95.25	104.11	109.36	112.36	116.81	2.8%	
Petroleum	26.13	27.24	26.48	24.32	24.17	22.58	16.52	13.43	11.57	10.28	9.54	10.95	10.79	10.48	9.73	9.38	9.10	8.17	7.74	6.61	6.43	6.13	6.58	6.24	-6.0%	
Natural Gas	33.44	22.91	24.77	27.72	29.87	34.40	44.30	50.89	57.28	64.91	71.01	72.86	75.72	80.68	83.21	86.14	91.64	95.74	95.29	96.97	93.92	92.59	92.61	92.53	4.5%	
Nuclear	22.97	26.98	27.57	27.59	27.61	27.63	27.47	27.31	27.15	23.17	21.11	20.98	20.84	20.71	20.58	18.18	13.56	11.23	11.16	7.41	5.53	5.50	5.46	5.42	-6.1%	
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Renewable 4/	3.37	4.47	4.45	4.47	4.47	4.47	4.47	4.47	4.47	4.47	4.47	4.47	4.55	4.55	4.65	5.10	5.54	5.70	5.87	6.01	6.20	6.39	6.52	6.61	6.69	3.0%
Total Generation	148.17	147.29	149.47	151.05	155.01	158.06	161.82	165.66	169.75	173.37	177.46	181.05	184.07	188.89	193.69	196.50	200.32	205.39	208.52	212.44	216.38	220.10	223.61	227.69	1.9%	
Sales to Customers	147.52	146.64	148.82	150.40	154.36	157.41	161.23	165.07	169.16	172.78	176.87	180.46	183.48	188.30	193.10	195.91	199.73	204.80	207.93	211.85	215.79	219.50	223.02	227.10	1.9%	
Generation for Own Use	0.65	0.65	0.65	0.65	0.65	0.65	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	-0.4%	
Cogenerators																										
Coal	7.35	6.82	6.76	6.72	6.72	6.71	6.69	6.67	6.65	6.63	6.60	6.57	6.55	6.53	6.51	6.51	6.50	6.49	6.48	6.48	6.47	6.47	6.46	6.45	-0.6%	
Petroleum	0.21	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	-0.1%
Natural Gas	10.25	9.21	9.18	9.24	9.30	9.27	9.30	9.34	9.38	9.43	9.49	9.56	9.61	9.68	9.76	9.85	9.92	10.01	10.07	10.14	10.21	10.28	10.26	10.19	-0.0%	
Other Gaseous Fuels	0.16	0.19	0.19	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	1.2%
Renewable	2.69	3.04	3.07	3.14	3.20	3.24	3.28	3.32	3.39	3.47	3.54	3.60	3.67	3.73	3.78	3.83	3.87	3.92	3.98	4.02	4.06	4.10	4.13	4.17	1.9%	
Other	2.07	2.14	2.14	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	0.2%	
Total	22.73	21.59	21.54	21.69	21.80	21.81	21.86	21.91	22.01	22.12	22.22	22.32	22.42	22.52	22.64	22.77	22.88	23.01	23.13	23.23	23.33	23.44	23.44	23.41	0.1%	
Sales to Utilities	11.80	10.35	10.32	10.28	10.29	10.30	10.30	10.31	10.32	10.33	10.34	10.36	10.37	10.38	10.39	10.41	10.42	10.44	10.45	10.46	10.47	10.48	10.48	10.48	-0.5%	
Generation for Own Use	10.94	11.24	11.22	11.41	11.51	11.52	11.55	11.61	11.69	11.79	11.88	11.96	12.05	12.14	12.25	12.36	12.46	12.58	12.68	12.77	12.86	12.95	12.96	12.93	0.7%	
End-Use Prices (1997 cents per kilowatt-hour)																										
Residential	8.1	8.0	7.9	7.9	7.9	7.9	7.9	8.0	8.1	8.2	8.2	8.2	8.1	8.1	7.9	7.9	7.9	7.9	7.8	7.8	7.8	7.7	7.6	7.5	-0.3%	
Commercial	6.5	6.3	6.3	6.3	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.8	5.7	5.7	5.6	5.5	5.5	5.4	5.4	5.3	5.2	-1.0%	
Industrial	5.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.7	4.6	4.6	4.5	4.4	4.4	4.4	4.3	4.3	4.3	4.2	4.2	4.1	-0.8%	
Transportation	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.2	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.9	3.8	3.8	3.8	3.7	3.7	3.6	3.6	-0.7%	
All Sectors Average	7.1	6.9	6.9	6.9	6.9	6.9	6.9	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.5	6.4	6.3	6.2	-0.6%	

Table 66. Electric Power Projections for EMM Region 08 - Southeastern Electric Reliability Council/Florida																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Price Components (1997 cents per kilowatthour)																									
Capital Component	3.6	3.5	3.5	3.5	3.4	3.3	3.4	3.5	3.5	3.5	3.5	3.4	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	-0.7%
Fuel Component	1.4	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.4	0.1%
O&M Component	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	-0.7%
Wholesale Power Cost	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	-1.3%
Total	7.1	6.9	6.9	6.9	6.9	6.9	6.9	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.7	6.7	6.6	6.6	6.5	6.5	6.5	6.4	6.3	6.2	-0.6%
Fuel Consumption (quadrillion Btu) 8/																									
Coal	0.63	0.67	0.68	0.69	0.71	0.71	0.71	0.71	0.71	0.72	0.73	0.73	0.74	0.74	0.76	0.78	0.80	0.83	0.86	0.91	0.98	1.01	1.04	1.07	2.3%
Natural Gas	0.33	0.22	0.24	0.27	0.29	0.32	0.39	0.43	0.47	0.52	0.56	0.57	0.60	0.63	0.64	0.65	0.69	0.71	0.70	0.72	0.69	0.68	0.68	0.68	3.2%
Oil	0.27	0.29	0.28	0.26	0.25	0.24	0.17	0.14	0.12	0.11	0.10	0.11	0.11	0.11	0.10	0.10	0.09	0.08	0.08	0.07	0.07	0.06	0.07	0.06	-6.0%
Total	1.23	1.18	1.20	1.21	1.25	1.27	1.27	1.28	1.29	1.35	1.39	1.42	1.44	1.47	1.50	1.53	1.58	1.63	1.65	1.70	1.74	1.76	1.78	1.81	1.7%
Emissions (million short tons) 9/																									
Total Carbon	24.84	26.89	27.23	27.34	28.10	28.28	27.83	27.81	27.84	28.66	29.31	29.91	30.30	30.75	31.33	31.94	32.96	33.91	34.46	35.71	36.96	37.69	38.34	39.05	2.0%
Carbon Dioxide	91.07	98.60	99.83	100.23	103.02	103.68	102.04	101.96	102.07	105.09	107.47	109.68	111.09	112.75	114.88	117.10	120.87	124.33	126.35	130.95	135.54	138.20	140.57	143.18	2.0%
Sulfur Dioxide	0.40	0.44	0.45	0.42	0.43	0.43	0.41	0.40	0.39	0.39	0.38	0.39	0.39	0.36	0.39	0.40	0.40	0.40	0.40	0.41	0.42	0.43	0.44	0.44	0.4%
Nitrogen Oxide	0.26	0.28	0.28	0.23	0.23	0.23	0.22	0.22	0.21	0.21	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	-0.7%

Note: Totals may not equal sum of components due to independent rounding.

1/ Net summer capability is the steady hourly output that generating equipment is expected to supply to system load (exclusive of auxiliary power), as demonstrated by tests during summer peak demand. Includes electric utilities, small power producers, and exempt wholesale generators. Nameplate capacity is reported for nonutilities on Form EIA-867, Annual Nonutility Power Producer Report." Nameplate capacity is designated by the manufacturer. The nameplate capacity has been converted to net summer capacity based on historic relationships.

2/ Includes oil-, gas-, and dual-fired capability.

3/ Other includes methane, propane gas, and blast furnace gas, hydrogen, sulfur, batteries, chemicals, fish oil, and spent sulfite liquor.

4/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, other biomass, solar thermal, photovoltaics, and wind power.

5/ Cumulative additions after December 31, 1996.

6/ Cogenerators produce electricity and another form of useful energy (such as steam or heat) through the sequential use of energy.

7/ Generation to meet system load by source.

8/ Includes fuel consumption by electric utilities, small power producers, independent power producers, and exempt wholesale generators.

9/ Estimated emissions from utilities and nonutilities (excluding cogenerators).

O&M = Operation and maintenance.

EMM = Electricity market module.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Source: 1997 (except for prices and nonutility data) Energy Information Administration (EIA), Annual Energy Review 1997, DOE/EIA-0384(97) (Washington, DC, July 1998). Other 1997 and projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 67. Electric Power Projections for EMM Region 09 - Southeastern Electric Reliability Council/Excluding Florida																							1997- 2020		
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Electricity Generating Capability 1/ (gigawatts)																									
Coal Steam	64.00	64.00	64.00	64.00	64.07	64.08	64.08	64.08	64.08	64.08	63.97	63.97	64.01	64.04	64.10	64.26	64.38	64.12	64.35	64.72	65.02	64.84	65.31	65.69	0.1%
Other Fossil Steam 2/	3.14	3.14	3.14	3.14	3.14	3.11	2.33	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.22	2.22	2.22	2.14	2.14	2.02	2.02	-1.9%	
Combined Cycle	1.79	1.90	2.01	4.08	4.69	4.82	4.91	6.69	9.62	10.96	12.45	12.85	14.81	16.76	19.55	22.89	26.18	29.58	32.47	33.71	36.10	38.47	39.51	40.97	14.6%
Combustion Turbine/Diesel	11.77	12.79	14.27	15.34	15.83	16.49	20.96	22.81	23.43	23.38	22.03	22.26	24.43	25.21	26.75	29.56	28.92	29.56	30.75	31.56	31.96	32.41	33.49	33.75	4.7%
Nuclear Power	25.58	25.58	25.58	25.58	25.58	25.58	25.58	24.83	24.83	24.06	24.06	23.25	23.25	21.46	20.35	19.55	17.06	14.39	14.39	13.32	12.51	12.51	12.51	12.51	-3.1%
Pumped Storage/Other 3/	6.38	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	0.2%
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	11.76	11.82	11.82	11.84	11.86	11.89	11.91	11.92	11.93	11.94	11.95	11.97	11.97	12.00	12.08	12.16	12.24	12.40	12.53	12.69	12.84	12.98	13.13	13.25	0.5%
Total Capability	124.42	125.91	127.49	130.66	131.85	132.66	136.46	139.32	142.88	143.41	143.45	143.29	147.46	148.45	151.82	157.39	157.75	158.95	163.39	164.91	167.23	170.02	172.66	174.88	1.5%
Cumulative Planned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Other Fossil Steam 2/	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	N/A
Combined Cycle	0.00	0.11	0.22	0.22	0.76	0.76	0.76	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	1.31	N/A
Combustion Turbine/Diesel	0.81	1.22	1.95	3.00	3.49	4.01	4.57	5.27	5.51	5.51	5.51	5.51	5.51	5.51	5.51	5.51	5.51	5.51	5.51	5.51	5.51	5.51	5.51	5.51	8.7%
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	N/A
Total (planned)	0.90	1.71	2.54	3.60	4.63	5.16	5.71	6.41	7.20	7.20	7.20	7.20	7.20	7.20	7.20	7.20	7.20	7.20	7.20	7.20	7.20	7.20	7.20	7.20	9.5%
Cumulative Unplanned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.00	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.13	0.15	0.22	0.37	0.49	0.75	0.99	1.36	1.65	2.00	2.48	2.86	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.00	0.00	0.00	2.08	2.14	2.27	2.36	4.14	6.52	7.85	9.34	9.75	11.71	13.66	16.45	19.79	23.08	26.48	29.37	30.61	33.00	35.36	36.41	37.87	N/A
Combustion Turbine/Diesel	1.01	1.63	2.41	2.43	2.43	2.60	6.89	8.04	8.43	8.72	8.74	8.98	11.14	11.92	13.83	17.62	18.36	19.01	20.20	21.01	21.47	22.06	23.14	23.40	14.6%
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.19	0.27	0.35	0.43	0.59	0.72	0.88	1.03	1.17	1.32	1.44	14.1%
Total (unplanned)	1.08	1.70	2.48	4.58	4.73	5.05	9.44	12.38	15.15	16.80	18.32	18.97	23.14	25.92	30.76	38.12	42.36	46.83	51.28	53.86	57.14	60.60	63.35	65.57	19.5%
Cumulative Total Additions	1.98	3.41	5.03	8.18	9.36	10.21	15.16	18.79	22.35	24.00	25.52	26.17	30.34	33.12	37.97	45.32	49.56	54.04	58.48	61.06	64.35	67.80	70.55	72.77	17.0%
Cumulative Retirements	1.35	1.35	1.38	1.38	1.38	1.44	2.61	3.39	3.39	4.50	5.98	6.79	6.79	8.58	10.05	11.84	15.72	19.00	19.00	20.06	21.02	21.69	21.80	21.81	12.9%
Cogenerators 6/ Capacity																									
Coal	2.57	2.68	2.67	2.68	2.68	2.68	2.68	2.68	2.69	2.69	2.69	2.69	2.70	2.70	2.70	2.70	2.70	2.71	2.71	2.71	2.71	2.72	2.72	2.72	0.2%
Petroleum	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.7%
Natural Gas	1.43	1.45	1.45	1.47	1.48	1.48	1.48	1.48	1.49	1.49	1.50	1.50	1.51	1.51	1.52	1.53	1.53	1.54	1.55	1.55	1.56	1.57	1.56	1.56	0.4%
Other Gaseous Fuels	0.07	0.07	0.07	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	1.5%
Renewables	1.77	1.90	1.90	1.92	1.94	1.96	1.96	1.97	1.99	2.01	2.03	2.04	2.06	2.08	2.09	2.11	2.12	2.14	2.16	2.17	2.18	2.19	2.20	2.21	1.0%
Other	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.9%
Total	5.96	6.21	6.21	6.29	6.32	6.33	6.34	6.36	6.39	6.41	6.44	6.46	6.49	6.51	6.53	6.56	6.58	6.61	6.64	6.66	6.68	6.70	6.71	6.72	0.5%

Table 67. Electric Power Projections for EMM Region 09 - Southeastern Electric Reliability Council/Excluding Florida																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Electricity Demand (billion kilowatthours)																									
Residential	195.94	202.16	208.27	213.78	219.87	223.37	225.89	228.32	231.47	234.61	238.01	241.64	245.29	248.93	253.94	257.85	261.74	265.78	269.72	274.01	277.95	281.96	286.28	290.76	1.7%
Commercial/Other	143.36	147.91	150.87	154.63	158.03	161.33	164.10	166.73	169.84	173.01	176.18	179.59	182.91	186.17	190.23	193.52	196.68	199.77	202.57	205.21	207.55	209.75	211.76	213.71	1.8%
Industrial	198.53	199.19	200.33	201.42	205.15	208.19	209.29	210.86	214.48	218.29	221.74	224.42	227.44	230.08	232.42	235.34	237.89	241.28	245.02	247.14	250.19	253.09	255.26	257.21	1.1%
Transportation	2.26	2.30	2.33	2.39	2.45	2.51	3.12	3.68	4.20	4.66	5.05	5.44	5.85	6.24	6.60	6.91	7.23	7.55	7.87	8.19	8.52	8.83	9.15	9.46	6.4%
Total Sales	540.09	551.55	561.80	572.21	585.50	595.40	602.39	609.58	619.98	630.56	640.98	651.09	661.48	671.41	683.19	693.62	703.53	714.38	725.18	734.55	744.21	753.63	762.46	771.14	1.6%
Net Energy for Load (billion kwh) 7/																									
Gross International Imports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Gross International Exports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Gross Interregional Electric Imports	31.02	32.35	24.53	15.85	15.37	14.86	13.22	12.63	12.62	12.09	12.28	11.95	11.77	12.00	13.37	13.30	14.06	15.41	15.76	18.95	19.63	18.87	19.14	19.52	-2.0%
Gross Interregional Electric Exports	58.65	55.49	52.25	53.78	49.81	47.11	48.33	45.74	42.72	43.06	41.41	42.46	45.82	45.03	45.12	48.69	50.21	47.60	46.39	44.43	45.67	45.30	42.95	43.68	-1.3%
Purchases from cogenerators 6/	7.38	10.03	9.89	10.03	10.05	10.07	10.08	10.09	10.12	10.14	10.17	10.19	10.21	10.23	10.25	10.27	10.28	10.30	10.33	10.34	10.36	10.37	10.38	10.39	1.5%
Util. Generation for Customers	605.31	605.23	620.55	641.43	651.77	659.72	669.59	674.78	682.44	694.09	702.83	714.46	728.54	737.60	748.28	762.43	773.15	780.12	789.48	794.27	805.07	815.44	822.23	831.84	1.4%
Total Net Energy for Load	585.06	592.12	602.71	613.52	627.38	637.55	644.55	651.76	662.45	673.26	683.87	694.14	704.70	714.79	726.78	737.31	747.28	758.23	769.17	779.13	789.39	799.39	808.80	818.06	1.5%
Generation by Fuel Type (billion kilowatthours)																									
Coal	371.29	380.76	393.25	402.10	408.50	413.83	416.23	411.69	408.09	416.22	415.41	424.46	428.74	424.77	434.36	434.09	444.32	442.39	447.40	450.81	456.01	456.14	457.86	463.68	1.0%
Petroleum	1.81	3.44	3.12	2.33	1.97	2.44	1.71	1.42	1.39	1.41	1.43	1.49	1.33	1.46	1.47	1.29	1.35	1.33	1.23	1.25	1.27	1.32	1.25	1.25	-1.6%
Natural Gas	7.94	8.60	9.56	18.90	22.40	24.06	31.93	41.66	57.79	65.12	76.80	80.72	96.12	113.56	125.59	148.40	159.13	180.27	196.76	199.39	210.75	223.90	228.26	231.41	15.8%
Nuclear	190.17	176.22	181.05	182.17	182.89	183.32	183.53	183.77	178.85	174.96	172.73	171.26	165.75	161.06	149.54	140.78	129.90	116.54	103.63	101.27	94.54	90.62	90.47	90.29	-3.2%
Pumped Storage/Other 3/	-1.37	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-8.9%
Renewable 4/	37.17	38.07	35.44	37.79	37.87	37.95	38.02	38.05	38.13	38.20	38.27	38.35	38.41	38.57	39.14	39.69	40.26	41.41	42.27	43.37	44.31	45.27	46.21	47.02	1.0%
Total Generation	607.01	606.93	622.25	643.13	653.47	661.43	671.25	676.44	684.09	695.74	704.49	716.12	730.20	739.25	749.94	764.09	774.80	781.77	791.13	795.93	806.72	817.09	823.88	833.49	1.4%
Sales to Customers	605.31	605.23	620.55	641.43	651.77	659.72	669.59	674.78	682.44	694.09	702.83	714.46	728.54	737.60	748.28	762.43	773.15	780.12	789.48	794.27	805.07	815.44	822.23	831.84	1.4%
Generation for Own Use	1.70	1.70	1.70	1.70	1.70	1.70	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	-0.1%
Cogenerators																									
Coal	12.91	13.52	13.49	13.50	13.48	13.45	13.40	13.35	13.29	13.24	13.17	13.10	13.04	12.97	12.94	12.92	12.90	12.88	12.86	12.85	12.83	12.81	12.80	12.78	-0.0%
Petroleum	0.53	0.71	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.4%
Natural Gas	2.00	3.66	3.78	3.81	3.84	3.83	3.84	3.85	3.87	3.89	3.91	3.94	3.96	3.98	4.01	4.05	4.08	4.11	4.14	4.16	4.19	4.21	4.21	4.18	3.3%
Other Gaseous Fuels	0.24	0.29	0.29	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	1.2%
Renewable	10.95	13.02	12.95	13.36	13.58	13.76	13.89	14.04	14.32	14.60	14.86	15.08	15.35	15.56	15.75	15.93	16.09	16.29	16.50	16.64	16.79	16.94	17.07	17.19	2.0%
Other	0.52	0.54	0.54	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.2%
Total	27.15	31.75	31.64	32.11	32.34	32.48	32.57	32.69	32.93	33.17	33.38	33.56	33.78	33.96	34.15	34.35	34.51	34.72	34.94	35.09	35.26	35.41	35.52	35.60	1.2%
Sales to Utilities	7.38	10.03	9.89	10.03	10.05	10.07	10.08	10.09	10.12	10.14	10.17	10.19	10.21	10.23	10.25	10.27	10.28	10.30	10.33	10.34	10.36	10.37	10.38	10.39	1.5%
Generation for Own Use	19.77	21.72	21.75	22.09	22.29	22.41	22.49	22.59	22.81	23.02	23.22	23.38	23.57	23.73	23.90	24.08	24.23	24.41	24.62	24.75	24.90	25.04	25.14	25.21	1.1%
End-Use Prices (1997 cents per kilowatthour)																									
Residential	7.4	7.3	7.2	7.2	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.8	6.7	-0.5%
Commercial	6.5	6.4	6.3	6.2	6.1	6.0	6.1	6.1	6.2	6.1	6.1	6.0	6.0	6.0	5.9	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.6	-0.6%
Industrial	4.2	4.1	4.1	4.0	4.0	3.9	3.9	4.0	3.9	3.9	3.9	3.8	3.8	3.8	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	-0.9%
Transportation	4.7	4.7	4.7	4.7	4.7	4.6	4.7	4.7	4.7	4.6	4.6	4.6	4.5	4.5	4.4	4.3	4.3	4.2	4.2	4.2	4.1	4.1	4.0	4.0	-0.7%
All Sectors Average	6.0	5.9	5.8	5.8	5.7	5.7	5.7	5.8	5.8	5.7	5.7	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.3	5.3	-0.5%

Table 67. Electric Power Projections for EMM Region 09 - Southeastern Electric Reliability Council/Excluding Florida																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Price Components (1997 cents per kilowatthour)																									
Capital Component	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.1	3.1	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	-0.7%
Fuel Component	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.8%
O&M Component	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-1.1%
Wholesale Power Cost	-0.1	-0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	2.1%
Total	6.0	5.9	5.8	5.8	5.7	5.7	5.7	5.8	5.8	5.7	5.7	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.4	5.3	5.3	-0.5%
Fuel Consumption (quadrillion Btu) 8/																									
Coal	3.71	3.83	3.96	4.08	4.15	4.21	4.24	4.19	4.15	4.24	4.23	4.35	4.39	4.35	4.45	4.44	4.55	4.52	4.57	4.60	4.65	4.65	4.65	4.71	1.0%
Natural Gas	0.19	0.08	0.09	0.15	0.19	0.20	0.27	0.33	0.44	0.49	0.57	0.60	0.71	0.83	0.90	1.05	1.11	1.24	1.34	1.36	1.43	1.51	1.53	1.55	9.6%
Oil	0.03	0.04	0.03	0.02	0.02	0.03	0.02	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-3.6%
Total	3.93	3.95	4.08	4.26	4.36	4.43	4.52	4.53	4.60	4.74	4.81	4.97	5.12	5.19	5.37	5.50	5.68	5.78	5.93	5.97	6.09	6.17	6.19	6.27	2.1%
Emissions (million short tons) 9/																									
Total Carbon	98.53	101.25	104.66	108.45	110.64	112.48	114.06	113.65	114.20	117.23	118.19	121.82	124.54	125.19	128.89	130.79	134.57	135.75	138.48	139.47	141.88	142.86	143.29	144.99	1.7%
Carbon Dioxide	361.28	371.25	383.75	397.65	405.68	412.44	418.21	416.73	418.73	429.85	433.37	446.68	456.64	459.02	472.59	479.55	493.41	497.74	507.77	511.40	520.24	523.83	525.39	531.65	1.7%
Sulfur Dioxide	3.09	3.09	3.21	2.68	2.68	2.61	2.63	2.57	2.49	2.61	2.53	2.26	2.27	2.13	2.22	2.18	2.29	2.33	2.32	2.29	2.29	2.29	2.25	2.30	-1.3%
Nitrogen Oxide	0.98	1.33	1.37	0.87	0.88	0.90	0.69	0.68	0.68	0.69	0.70	0.72	0.73	0.73	0.75	0.75	0.77	0.77	0.78	0.78	0.79	0.79	0.79	0.79	-0.9%

Note: Totals may not equal sum of components due to independent rounding.

1/ Net summer capability is the steady hourly output that generating equipment is expected to supply to system load (exclusive of auxiliary power), as demonstrated by tests during summer peak demand. Includes electric utilities, small power producers, and exempt wholesale generators. Nameplate capacity is reported for nonutilities on Form EIA-867, Annual Nonutility Power Producer Report." Nameplate capacity is designated by the manufacturer. The nameplate capacity has been converted to net summer capacity based on historic relationships.

2/ Includes oil-, gas-, and dual-fired capability.

3/ Other includes methane, propane gas, and blast furnace gas, hydrogen, sulfur, batteries, chemicals, fish oil, and spent sulfite liquor.

4/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, other biomass, solar thermal, photovoltaics, and wind power.

5/ Cumulative additions after December 31, 1996.

6/ Cogenerators produce electricity and another form of useful energy (such as steam or heat) through the sequential use of energy.

7/ Generation to meet system load by source.

8/ Includes fuel consumption by electric utilities, small power producers, independent power producers, and exempt wholesale generators.

9/ Estimated emissions from utilities and nonutilities (excluding cogenerators).

O&M = Operation and maintenance.

EMM = Electricity market module.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Source: 1997 (except for prices and nonutility data) Energy Information Administration (EIA), Annual Energy Review 1997, DOE/EIA-0384(97) (Washington, DC, July 1998). Other 1997 and projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 68. Electric Power Projections for EMM Region 10 - Southwest Power Pool																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Electricity Generating Capability 1/ (gigawatts)																										
Coal Steam	27.45	27.45	27.45	27.45	27.48	27.50	27.53	27.57	28.19	28.23	28.23	28.23	28.23	28.23	28.21	28.26	28.29	28.37	28.52	28.88	29.49	30.02	31.50	32.19	0.7%	
Other Fossil Steam 2/	30.24	30.24	30.24	30.24	30.24	30.16	26.13	21.87	21.87	21.61	19.86	19.86	19.86	19.86	19.86	19.86	19.86	19.86	19.86	19.86	19.86	19.86	19.86	19.86	-1.8%	
Combined Cycle	1.41	1.63	1.63	2.49	3.62	6.16	7.33	10.29	12.68	12.98	13.08	13.08	13.08	13.47	14.07	14.88	15.46	16.24	17.26	18.39	18.83	19.33	19.49	19.67	12.1%	
Combustion Turbine/Diesel	4.48	4.58	4.94	5.42	5.52	5.96	9.33	9.57	9.96	9.97	9.97	9.97	10.16	10.72	11.63	11.91	12.38	13.04	14.31	15.20	15.65	15.92	16.10	16.17	5.7%	
Nuclear Power	5.93	5.93	5.93	5.93	5.93	5.93	5.93	5.93	5.93	5.93	5.93	5.93	5.93	5.93	5.93	5.93	5.93	5.09	4.16	4.16	4.16	3.30	3.30	3.30	-2.5%	
Pumped Storage/Other 3/	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	N/A	
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	2.79	2.90	2.91	2.91	2.92	2.92	2.93	2.93	2.94	2.95	2.96	2.98	2.99	2.99	3.01	3.03	3.05	3.07	3.11	3.17	3.25	3.33	3.45	3.52	1.0%	
Total Capability	72.80	73.23	73.59	74.94	76.21	79.14	79.68	78.66	82.07	82.18	80.54	80.55	80.75	81.71	83.22	84.37	85.48	86.18	87.72	90.16	91.74	92.26	94.20	95.20	1.2%	
Cumulative Planned Additions 5/																										
Coal Steam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	N/A	
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Combined Cycle	0.05	0.27	0.27	0.61	0.61	0.80	0.80	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	14.3%	
Combustion Turbine/Diesel	0.00	0.01	0.11	0.58	0.69	1.13	1.54	1.78	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	38.6%	
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Renewable 4/	0.00	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	N/A	
Total (planned)	0.06	0.39	0.48	1.31	1.41	2.04	2.45	3.06	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	20.6%	
Cumulative Unplanned Additions 5/																										
Coal Steam	0.00	0.00	0.00	0.00	0.03	0.06	0.08	0.12	0.12	0.16	0.16	0.16	0.16	0.16	0.18	0.23	0.30	0.38	0.53	0.89	1.49	2.08	3.56	4.25	N/A	
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Combined Cycle	0.00	0.00	0.00	0.52	1.65	4.00	5.17	7.75	10.14	10.45	10.55	10.55	10.55	10.94	11.54	12.34	12.93	13.71	14.73	15.86	16.30	16.79	16.96	17.13	N/A	
Combustion Turbine/Diesel	0.00	0.09	0.35	0.35	0.35	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.66	4.22	5.13	5.41	5.89	6.63	7.90	8.79	9.25	9.51	9.69	9.76	N/A	
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Renewable 4/	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.17	0.19	0.21	0.23	0.26	0.32	0.40	0.49	0.61	0.67	11.3%	
Total (unplanned)	0.06	0.15	0.42	0.95	2.11	4.49	8.81	11.43	13.83	14.19	14.30	14.32	14.52	15.48	17.03	18.17	19.32	20.95	23.42	25.86	27.44	28.88	30.81	31.82	31.6%	
Cumulative Total Additions	0.11	0.54	0.90	2.25	3.52	6.53	11.26	14.49	17.91	18.27	18.38	18.40	18.59	19.56	21.10	22.25	23.40	25.03	27.50	29.94	31.52	32.95	34.89	35.90	28.5%	
Cumulative Retirements	1.09	1.09	1.09	1.09	1.09	1.17	5.35	9.62	9.62	9.87	11.62	11.62	11.62	11.62	11.66	11.66	11.70	12.62	13.56	13.56	13.56	14.47	14.47	14.47	11.9%	
Cogenerators 6/ Capacity																										
Coal	0.70	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.73	0.73	0.2%	
Petroleum	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.5%	
Natural Gas	1.77	1.83	1.82	1.92	1.94	1.93	1.94	1.96	1.97	1.99	2.01	2.03	2.05	2.07	2.10	2.13	2.15	2.18	2.20	2.22	2.25	2.27	2.26	2.25	1.1%	
Other Gaseous Fuels	0.04	0.04	0.04	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	1.5%	
Renewables	0.43	0.48	0.48	0.49	0.49	0.50	0.50	0.51	0.52	0.52	0.53	0.53	0.54	0.55	0.55	0.56	0.56	0.57	0.57	0.58	0.58	0.59	0.59	0.59	1.4%	
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.9%	
Total	3.02	3.16	3.15	3.27	3.30	3.30	3.31	3.33	3.35	3.38	3.40	3.43	3.46	3.48	3.52	3.55	3.58	3.61	3.65	3.67	3.70	3.73	3.73	3.71	0.9%	

Table 68. Electric Power Projections for EMM Region 10 - Southwest Power Pool																								1997- 2020	
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Electricity Demand (billion kilowatt-hours)																									
Residential	94.21	97.20	100.14	102.90	105.85	107.12	108.03	108.78	109.87	111.10	112.40	113.83	115.26	116.74	119.06	121.10	123.10	125.16	127.06	128.99	130.75	132.60	134.44	136.46	1.6%
Commercial/Other	79.74	82.23	83.87	85.38	86.72	88.02	89.13	90.21	91.38	92.57	93.96	95.49	97.00	98.50	100.45	102.21	103.83	105.28	106.45	107.66	108.66	109.53	110.33	111.11	1.5%
Industrial	94.69	95.34	95.73	99.00	101.00	102.54	103.00	103.65	105.37	107.65	109.52	110.69	112.13	113.38	114.36	115.60	116.68	118.05	119.76	120.61	121.93	123.12	124.03	124.89	1.2%
Transportation	1.17	1.19	1.21	1.23	1.26	1.29	1.60	1.88	2.14	2.37	2.57	2.76	2.96	3.16	3.34	3.50	3.65	3.81	3.97	4.12	4.28	4.43	4.59	4.74	6.3%
Total Sales	269.82	275.95	280.95	288.51	294.83	298.98	301.75	304.52	308.77	313.69	318.44	322.77	327.35	331.78	337.21	342.40	347.26	352.30	357.23	361.38	365.62	369.68	373.39	377.20	1.5%
Net Energy for Load (billion kwh) 7/																									
Gross International Imports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Gross International Exports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Gross Interregional Electric Imports	19.53	18.73	20.68	23.89	20.81	17.97	16.25	13.04	11.07	11.00	11.52	11.38	12.99	12.94	12.62	14.37	16.38	14.98	14.45	13.79	14.16	15.13	14.32	14.59	-1.3%
Gross Interregional Electric Exports	20.39	17.63	16.35	16.35	15.61	15.35	14.17	14.28	15.49	14.66	14.50	14.35	14.17	13.80	13.75	13.59	13.45	13.41	13.22	13.07	13.11	13.18	12.90	13.13	-1.9%
Purchases from cogenerators 6/	5.49	7.32	7.26	7.11	7.14	7.14	7.15	7.17	7.19	7.22	7.25	7.28	7.31	7.34	7.37	7.40	7.43	7.47	7.50	7.53	7.55	7.58	7.58	7.56	1.4%
Util. Generation for Customers	294.12	291.99	293.97	298.75	307.68	314.47	317.75	323.79	331.30	335.56	339.72	344.06	346.91	351.09	356.88	360.23	362.98	369.41	374.75	379.69	383.86	387.30	391.79	395.81	1.3%
Total Net Energy for Load	298.74	300.41	305.57	313.40	320.02	324.23	326.98	329.72	334.07	339.12	343.99	348.38	353.04	357.56	363.12	368.42	373.34	378.46	383.48	387.93	392.47	396.83	400.79	404.83	1.3%
Generation by Fuel Type (billion kilowatt-hours)																									
Coal	170.23	185.67	189.57	193.69	193.72	193.80	193.71	193.83	193.86	194.33	194.50	194.72	194.83	194.89	194.88	195.17	195.43	195.99	197.10	199.67	204.00	207.80	218.39	223.34	1.2%
Petroleum	3.55	13.18	12.73	8.23	6.95	3.37	1.38	0.79	0.59	0.53	0.32	0.57	0.40	0.58	0.66	0.74	0.76	0.89	1.01	0.60	0.63	0.64	0.61	0.60	-7.5%
Natural Gas	65.71	43.38	41.03	45.52	55.57	65.70	71.01	77.49	85.19	89.06	93.27	97.13	100.06	104.03	109.75	112.68	115.09	123.72	132.94	139.96	139.28	140.32	137.36	135.99	3.2%
Nuclear	45.88	42.72	43.74	43.92	44.03	44.15	44.15	44.15	44.07	44.00	43.93	43.87	43.79	43.72	43.63	43.56	43.48	40.47	35.17	30.52	30.48	28.47	24.59	24.59	-2.7%
Pumped Storage/Other 3/	-0.10	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-3.2%
Renewable 4/	8.97	7.22	7.08	7.56	7.59	7.62	7.66	7.70	7.75	7.81	7.86	7.93	7.98	8.03	8.13	8.24	8.37	8.50	8.69	9.09	9.64	10.22	11.00	11.46	1.1%
Total Generation	294.24	292.12	294.10	298.88	307.81	314.60	317.87	323.90	331.41	335.67	339.83	344.17	347.02	351.20	357.00	360.34	363.09	369.53	374.87	379.80	383.98	387.41	391.90	395.92	1.3%
Sales to Customers	294.12	291.99	293.97	298.75	307.68	314.47	317.75	323.79	331.30	335.56	339.72	344.06	346.91	351.09	356.88	360.23	362.98	369.41	374.75	379.69	383.86	387.30	391.79	395.81	1.3%
Generation for Own Use	0.13	0.13	0.13	0.13	0.13	0.13	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	-0.6%
Cogenerators																									
Coal	3.63	5.44	5.37	5.31	5.31	5.30	5.29	5.28	5.27	5.26	5.24	5.23	5.22	5.20	5.19	5.19	5.19	5.18	5.18	5.17	5.17	5.17	5.16	5.16	1.5%
Petroleum	0.61	0.57	0.57	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.60	0.60	0.60	0.60	0.60	0.60	-0.1%
Natural Gas	12.18	13.19	13.12	13.29	13.44	13.38	13.45	13.55	13.65	13.80	13.96	14.14	14.28	14.47	14.68	14.92	15.13	15.35	15.53	15.71	15.89	16.08	16.02	15.85	1.2%
Other Gaseous Fuels	0.47	0.56	0.56	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	1.2%
Renewable	3.91	4.02	4.06	4.16	4.24	4.31	4.36	4.42	4.53	4.64	4.74	4.83	4.93	5.01	5.09	5.16	5.22	5.30	5.38	5.44	5.50	5.55	5.60	5.65	1.6%
Other	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.2%
Total	20.99	23.99	23.89	24.17	24.40	24.40	24.51	24.66	24.86	25.11	25.35	25.60	25.84	26.10	26.38	26.68	26.95	27.24	27.50	27.74	27.98	28.21	28.20	28.08	1.3%
Sales to Utilities	5.49	7.32	7.26	7.11	7.14	7.14	7.15	7.17	7.19	7.22	7.25	7.28	7.31	7.34	7.37	7.40	7.43	7.47	7.50	7.53	7.55	7.58	7.58	7.56	1.4%
Generation for Own Use	15.50	16.67	16.63	17.06	17.27	17.26	17.36	17.49	17.67	17.89	18.10	18.33	18.54	18.76	19.01	19.28	19.51	19.77	20.00	20.21	20.42	20.63	20.62	20.52	1.2%
End-Use Prices (1997 cents per kilowatt-hour)																									
Residential	6.7	6.4	6.4	6.4	6.4	6.4	6.5	6.6	6.7	6.6	6.6	6.5	6.5	6.5	6.4	6.2	6.1	6.1	6.1	6.1	6.1	6.0	6.0	5.9	-0.5%
Commercial	7.0	6.7	6.7	6.7	6.7	6.7	6.9	6.9	7.0	7.0	7.0	6.9	6.9	6.9	6.7	6.6	6.4	6.4	6.4	6.4	6.4	6.3	6.3	6.2	-0.5%
Industrial	3.8	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.9	3.8	3.8	3.8	3.8	3.7	3.6	3.5	3.5	3.4	3.5	3.4	3.4	3.4	3.4	-0.6%
Transportation	4.5	4.4	4.4	4.4	4.4	4.3	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.2	4.1	4.0	3.9	3.8	3.8	3.7	3.7	3.6	3.6	-1.1%
All Sectors Average	5.7	5.6	5.5	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.7	5.7	5.7	5.5	5.4	5.3	5.3	5.2	5.3	5.2	5.2	5.2	5.1	-0.5%

Table 68. Electric Power Projections for EMM Region 10 - Southwest Power Pool																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Price Components (1997 cents per kilowatthour)																										
Capital Component	2.6	2.6	2.5	2.5	2.5	2.6	2.7	2.8	2.8	2.8	2.8	2.7	2.6	2.6	2.6	2.5	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	-0.7%	
Fuel Component	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	-0.2%	
O&M Component	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	-0.7%	
Wholesale Power Cost	-0.1	-0.1	-0.0	0.0	0.0	-0.0	-0.0	-0.0	-0.1	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	0.0	-0.0	-0.0	-0.0	-0.0	0.0	-0.0	-0.0	-11.6%	
Total	5.8	5.6	5.5	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.8	5.7	5.7	5.7	5.5	5.4	5.3	5.3	5.2	5.3	5.2	5.2	5.2	5.1	-0.5%	
Fuel Consumption (quadrillion Btu) 8/																										
Coal	1.81	2.01	2.05	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.12	2.13	2.14	2.17	2.20	2.27	2.31	1.1%	
Natural Gas	0.72	0.45	0.42	0.45	0.53	0.59	0.61	0.62	0.66	0.69	0.73	0.76	0.79	0.81	0.85	0.86	0.87	0.93	0.98	1.02	1.01	1.01	0.99	0.98	1.4%	
Oil	0.04	0.14	0.13	0.09	0.07	0.04	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-7.6%	
Total	2.56	2.59	2.61	2.64	2.71	2.72	2.72	2.73	2.76	2.80	2.84	2.88	2.90	2.93	2.97	2.98	2.99	3.06	3.12	3.17	3.19	3.22	3.27	3.30	1.1%	
Emissions (million short tons) 9/																										
Total Carbon	60.45	63.04	63.73	64.42	65.25	65.23	65.02	65.11	65.52	66.05	66.58	67.13	67.47	67.86	68.30	68.46	68.58	69.56	70.56	71.47	72.09	72.79	74.36	75.15	1.0%	
Carbon Dioxide	221.64	231.15	233.67	236.20	239.24	239.17	238.40	238.72	240.23	242.20	244.13	246.14	247.38	248.81	250.43	251.02	251.48	255.05	258.73	262.05	264.31	266.88	272.66	275.55	1.0%	
Sulfur Dioxide	0.71	0.74	0.75	0.75	0.75	0.74	0.72	0.71	0.71	0.70	0.70	0.71	0.71	0.70	0.70	0.71	0.70	0.71	0.71	0.71	0.71	0.71	0.71	0.72	0.71	0.0%
Nitrogen Oxide	0.68	0.56	0.57	0.48	0.48	0.48	0.44	0.43	0.43	0.43	0.43	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	-1.8%	

Note: Totals may not equal sum of components due to independent rounding.

1/ Net summer capability is the steady hourly output that generating equipment is expected to supply to system load (exclusive of auxiliary power), as demonstrated by tests during summer peak demand. Includes electric utilities, small power producers, and exempt wholesale generators. Nameplate capacity is reported for nonutilities on Form EIA-867, Annual Nonutility Power Producer Report." Nameplate capacity is designated by the manufacturer. The nameplate capacity has been converted to net summer capacity based on historic relationships.

2/ Includes oil-, gas-, and dual-fired capability.

3/ Other includes methane, propane gas, and blast furnace gas, hydrogen, sulfur, batteries, chemicals, fish oil, and spent sulfite liquor.

4/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, other biomass, solar thermal, photovoltaics, and wind power.

5/ Cumulative additions after December 31, 1996.

6/ Cogenerators produce electricity and another form of useful energy (such as steam or heat) through the sequential use of energy.

7/ Generation to meet system load by source.

8/ Includes fuel consumption by electric utilities, small power producers, independent power producers, and exempt wholesale generators.

9/ Estimated emissions from utilities and nonutilities (excluding cogenerators).

O&M = Operation and maintenance.
 EMM = Electricity market module.
 N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Source: 1997 (except for prices and nonutility data) Energy Information Administration (EIA), Annual Energy Review 1997, DOE/EIA-0384(97) (Washington, DC, July 1998). Other 1997 and projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 69. Electric Power Projections for EMM Region 11 - Western Systems Coordinating Council/NWP																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Electricity Generating Capability 1/ (gigawatts)																										
Coal Steam	11.51	11.51	11.51	11.51	11.53	11.54	11.58	11.64	11.82	12.17	12.31	12.31	12.32	12.32	12.38	12.52	12.66	12.78	13.01	13.26	13.57	13.89	14.25	15.08	1.2%	
Other Fossil Steam 2/	0.79	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.24	0.24	0.24	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	-5.3%
Combined Cycle	1.25	1.25	1.25	2.33	2.71	4.45	4.77	6.35	6.96	7.19	7.19	7.21	7.24	7.42	7.65	8.21	8.52	9.04	9.68	10.24	10.66	11.02	11.64	11.95	10.3%	
Combustion Turbine/Diesel	2.77	2.79	3.71	3.71	4.60	4.60	6.03	5.24	5.24	5.06	5.04	5.04	4.90	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	2.4%	
Nuclear Power	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	N/A	
Pumped Storage/Other 3/	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	N/A	
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Renewable 4/	35.36	35.43	35.44	35.47	35.50	35.54	35.58	35.64	35.72	35.78	35.84	35.91	35.99	36.07	36.13	36.21	36.31	36.46	36.53	36.62	36.76	36.90	36.98	37.09	0.2%	
Total Capability	53.11	53.13	54.07	55.17	56.47	58.27	60.10	61.00	61.88	62.34	62.52	62.62	62.11	62.25	62.59	63.35	63.90	64.70	65.64	66.52	67.41	68.23	69.29	70.53	1.2%	
Cumulative Planned Additions 5/																										
Coal Steam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Combined Cycle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Combustion Turbine/Diesel	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	N/A	
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Renewable 4/	0.01	0.08	0.09	0.12	0.12	0.12	0.13	0.13	0.14	0.15	0.15	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	14.0%	
Total (planned)	0.01	0.09	0.11	0.14	0.14	0.14	0.15	0.15	0.16	0.17	0.17	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	14.5%	
Cumulative Unplanned Additions 5/																										
Coal Steam	0.00	0.00	0.00	0.00	0.01	0.03	0.07	0.12	0.31	0.65	0.79	0.79	0.80	0.81	0.86	1.00	1.14	1.27	1.49	1.74	2.06	2.38	2.74	3.56	N/A	
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Combined Cycle	0.00	0.00	0.00	1.08	1.45	3.19	3.51	5.09	5.71	5.94	5.94	5.96	5.98	6.16	6.39	6.96	7.26	7.79	8.42	8.98	9.41	9.76	10.38	10.70	N/A	
Combustion Turbine/Diesel	1.50	1.50	2.43	2.43	3.31	3.31	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	5.1%	
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	
Renewable 4/	0.06	0.06	0.06	0.07	0.11	0.15	0.18	0.24	0.32	0.37	0.42	0.49	0.55	0.64	0.70	0.77	0.88	1.02	1.10	1.18	1.33	1.47	1.54	1.65	15.9%	
Total (unplanned)	1.56	1.56	2.49	3.57	4.89	6.69	8.51	10.21	11.08	11.71	11.90	11.99	12.09	12.36	12.70	13.48	14.03	14.83	15.76	16.65	17.54	18.35	19.41	20.66	11.9%	
Cumulative Total Additions	1.57	1.66	2.60	3.71	5.03	6.83	8.66	10.36	11.24	11.87	12.07	12.17	12.27	12.55	12.89	13.67	14.22	15.02	15.95	16.84	17.73	18.55	19.60	20.85	11.9%	
Cumulative Retirements	2.13	2.20	2.20	2.21	2.23	2.23	2.23	3.03	3.03	3.20	3.22	3.22	3.84	3.97	3.97	3.99	3.99	3.99	3.99	3.99	3.99	3.99	3.99	3.99	2.8%	
Cogenerators 6/ Capacity																										
Coal	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.3%	
Petroleum	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.8%	
Natural Gas	1.13	1.15	1.15	1.18	1.18	1.18	1.19	1.19	1.19	1.20	1.21	1.21	1.22	1.23	1.23	1.24	1.25	1.26	1.27	1.27	1.28	1.29	1.29	1.28	0.5%	
Other Gaseous Fuels	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	1.5%	
Renewables	0.51	0.55	0.56	0.56	0.57	0.58	0.58	0.58	0.59	0.59	0.60	0.61	0.61	0.62	0.62	0.63	0.63	0.64	0.65	0.65	0.66	0.66	0.66	0.67	1.2%	
Other	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.9%	
Total	1.79	1.87	1.86	1.91	1.92	1.93	1.93	1.94	1.95	1.96	1.98	1.99	2.00	2.01	2.03	2.04	2.06	2.07	2.09	2.10	2.11	2.12	2.12	2.12	0.7%	

Table 69. Electric Power Projections for EMM Region 11 - Western Systems Coordinating Council/NWP																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Price Components (1997 cents per kilowatthour)																										
Capital Component	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.7	2.6	2.6	2.5	2.5	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.1	-0.6%	
Fuel Component	0.5	0.4	0.5	0.5	0.6	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	2.1%	
O&M Component	1.9	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	-0.6%	
Wholesale Power Cost	-0.1	0.1	0.2	0.1	0.1	-0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	N/A	
Total	4.7	4.8	5.0	4.9	4.9	5.0	5.2	5.2	5.3	5.3	5.2	5.2	5.1	5.1	5.0	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.8	4.8	0.0%	
Fuel Consumption (quadrillion Btu) 8/																										
Coal	0.80	0.74	0.88	0.86	0.88	0.89	0.89	0.90	0.91	0.92	0.93	0.94	0.94	0.94	0.94	0.95	0.96	0.96	0.98	0.99	1.01	1.02	1.04	1.08	1.3%	
Natural Gas	0.09	0.10	0.17	0.20	0.27	0.34	0.41	0.40	0.40	0.43	0.43	0.43	0.44	0.44	0.41	0.44	0.42	0.46	0.47	0.50	0.52	0.54	0.55	0.56	8.0%	
Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.6%	
Total	0.90	0.85	1.05	1.06	1.15	1.24	1.31	1.30	1.31	1.36	1.37	1.37	1.38	1.38	1.36	1.39	1.38	1.43	1.45	1.49	1.53	1.57	1.59	1.64	2.7%	
Emissions (million short tons) 9/																										
Total Carbon	17.89	21.24	25.84	25.75	27.37	28.73	29.85	29.70	29.94	30.94	31.21	31.29	31.46	31.43	31.23	31.75	31.72	32.53	32.98	33.77	34.55	35.25	35.80	37.11	3.2%	
Carbon Dioxide	65.59	77.88	94.75	94.41	100.37	105.34	109.47	108.89	109.80	113.46	114.43	114.72	115.36	115.23	114.52	116.42	116.32	119.27	120.94	123.81	126.69	129.25	131.28	136.06	3.2%	
Sulfur Dioxide	0.12	0.15	0.18	0.17	0.17	0.18	0.18	0.18	0.18	0.17	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.8%
Nitrogen Oxide	0.20	0.16	0.20	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	-0.2%

Note: Totals may not equal sum of components due to independent rounding.

1/ Net summer capability is the steady hourly output that generating equipment is expected to supply to system load (exclusive of auxiliary power), as demonstrated by tests during summer peak demand. Includes electric utilities, small power producers, and exempt wholesale generators. Nameplate capacity is reported for nonutilities on Form EIA-867, Annual Nonutility Power Producer Report." Nameplate capacity is designated by the manufacturer. The nameplate capacity has been converted to net summer capacity based on historic relationships.

2/ Includes oil-, gas-, and dual-fired capability.

3/ Other includes methane, propane gas, and blast furnace gas, hydrogen, sulfur, batteries, chemicals, fish oil, and spent sulfite liquor.

4/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, other biomass, solar thermal, photovoltaics, and wind power.

5/ Cumulative additions after December 31, 1996.

6/ Cogenerators produce electricity and another form of useful energy (such as steam or heat) through the sequential use of energy.

7/ Generation to meet system load by source.

8/ Includes fuel consumption by electric utilities, small power producers, independent power producers, and exempt wholesale generators.

9/ Estimated emissions from utilities and nonutilities (excluding cogenerators).

O&M = Operation and maintenance.

EMM = Electricity market module.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Source: 1997 (except for prices and nonutility data) Energy Information Administration (EIA), Annual Energy Review 1997, DOE/EIA-0384(97) (Washington, DC, July 1998). Other 1997 and projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 70. Electric Power Projections for EMM Region 12 - Western Systems Coordinating Council/RA																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Electricity Generating Capability 1/ (gigawatts)																									
Coal Steam	13.22	13.22	13.22	13.22	13.22	13.22	13.22	13.23	13.23	13.26	13.29	13.36	13.41	13.47	13.59	13.71	13.85	13.98	14.15	14.34	14.59	14.79	15.01	15.17	0.6%
Other Fossil Steam 2/	2.59	2.59	2.59	2.59	2.59	2.59	1.42	1.08	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	-4.5%
Combined Cycle	0.99	0.99	0.99	2.06	2.95	3.89	4.86	5.87	6.88	7.90	7.99	8.08	8.56	9.09	9.62	10.20	10.77	11.33	11.86	12.29	12.65	13.06	13.49	13.94	12.2%
Combustion Turbine/Diesel	3.72	3.74	4.31	4.31	4.31	4.31	4.18	4.87	5.26	5.26	5.26	5.26	5.50	5.78	6.07	6.20	6.31	6.49	6.49	6.49	6.49	6.62	6.82	6.82	2.7%
Nuclear Power	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	N/A
Pumped Storage/Other 3/	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	4.33	4.39	4.40	4.42	4.45	4.48	4.50	4.51	4.52	4.52	4.53	4.57	4.60	4.64	4.67	4.70	4.74	4.80	4.85	4.91	4.98	5.05	5.11	5.22	0.8%
Total Capability	28.56	28.64	29.22	30.31	31.23	32.19	31.89	33.27	34.50	35.56	35.68	35.88	36.68	37.59	38.56	39.42	40.29	41.21	41.96	42.63	43.32	44.13	45.04	45.77	2.1%
Cumulative Planned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combustion Turbine/Diesel	0.00	0.02	0.10	0.10	0.10	0.10	0.10	0.23	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	N/A
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.00	0.06	0.07	0.09	0.11	0.13	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	23.6%
Total (planned)	0.00	0.07	0.17	0.19	0.21	0.23	0.25	0.38	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	30.3%
Cumulative Unplanned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.04	0.07	0.14	0.19	0.26	0.37	0.49	0.64	0.76	0.93	1.12	1.37	1.57	1.79	1.95	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.00	0.00	0.00	1.07	1.96	2.89	3.87	4.88	5.89	6.91	7.00	7.09	7.57	8.09	8.63	9.21	9.78	10.33	10.87	11.30	11.66	12.07	12.50	12.95	N/A
Combustion Turbine/Diesel	1.65	1.65	2.13	2.13	2.13	2.13	2.13	3.20	3.46	3.46	3.46	3.46	3.70	3.98	4.27	4.41	4.51	4.69	4.69	4.69	4.69	4.82	5.03	5.03	5.0%
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.04	0.04	0.04	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.09	0.13	0.16	0.20	0.24	0.27	0.30	0.36	0.41	0.47	0.54	0.61	0.67	0.78	14.2%
Total (unplanned)	1.68	1.68	2.17	3.24	4.14	5.08	6.06	8.16	9.44	10.50	10.62	10.83	11.62	12.53	13.51	14.37	15.23	16.15	16.90	17.58	18.26	19.08	19.99	20.71	11.5%
Cumulative Total Additions	1.68	1.76	2.34	3.44	4.35	5.32	6.31	8.53	9.94	11.00	11.12	11.33	12.12	13.03	14.01	14.87	15.73	16.65	17.40	18.08	18.76	19.58	20.49	21.21	11.6%
Cumulative Retirements	0.20	0.20	0.20	0.20	0.20	0.20	1.50	2.34	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	11.6%
Cogenerators 6/ Capacity																									
Coal	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.3%
Petroleum	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.8%
Natural Gas	1.01	1.03	1.03	1.06	1.07	1.07	1.07	1.07	1.08	1.08	1.09	1.10	1.10	1.11	1.12	1.13	1.14	1.15	1.15	1.16	1.17	1.18	1.17	1.17	0.6%
Other Gaseous Fuels	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	1.5%
Renewables	0.15	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.21	1.4%
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total	1.24	1.29	1.28	1.32	1.33	1.33	1.33	1.34	1.35	1.36	1.37	1.37	1.38	1.39	1.40	1.41	1.42	1.44	1.45	1.46	1.46	1.47	1.47	1.47	0.7%

Table 70. Electric Power Projections for EMM Region 12 - Western Systems Coordinating Council/RA																								1997- 2020	
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Electricity Demand (billion kilowatthours)																									
Residential	35.39	36.52	37.62	39.50	41.42	42.72	43.83	44.85	45.97	47.20	48.42	49.71	51.07	52.44	53.80	54.90	56.09	57.33	58.59	59.91	61.14	62.33	63.50	64.70	2.7%
Commercial/Other	45.55	45.99	46.91	48.38	49.67	50.98	52.12	53.16	54.26	55.34	56.59	57.88	59.19	60.44	62.06	63.39	64.68	66.03	67.25	68.48	69.59	70.54	71.44	72.30	2.0%
Industrial	24.16	24.65	24.80	24.87	25.42	25.82	26.13	26.43	27.02	27.63	28.18	28.59	29.05	29.47	29.79	30.15	30.61	31.12	31.58	31.90	32.52	32.91	33.34	33.73	1.5%
Transportation	0.54	0.55	0.57	0.59	0.62	0.64	0.79	0.94	1.07	1.20	1.30	1.41	1.53	1.64	1.75	1.85	1.95	2.05	2.15	2.26	2.37	2.48	2.58	2.69	7.3%
Total Sales	105.64	107.70	109.90	113.34	117.13	120.15	122.88	125.39	128.33	131.37	134.49	137.60	140.84	143.99	147.41	150.28	153.33	156.53	159.57	162.55	165.62	168.26	170.87	173.43	2.2%
Net Energy for Load (billion kwh) 7/																									
Gross International Imports	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Gross International Exports	1.10	1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Gross Interregional Electric Imports	21.69	21.61	21.15	21.75	20.94	20.80	21.86	20.75	19.05	16.35	15.90	15.32	14.68	14.17	13.34	12.76	12.65	12.25	12.75	12.34	12.52	12.31	12.09	12.39	-2.4%
Gross Interregional Electric Exports	57.09	56.09	57.02	57.63	57.54	57.91	58.72	59.73	58.97	58.53	58.13	59.15	59.92	59.73	60.65	61.67	63.14	63.71	66.50	66.10	64.14	65.34	67.54	57.93	0.1%
Purchases from cogenerators 6/	3.68	3.11	3.10	3.11	3.11	3.11	3.12	3.12	3.13	3.14	3.15	3.16	3.16	3.17	3.18	3.19	3.20	3.21	3.21	3.22	3.23	3.24	3.24	3.23	-0.6%
Util. Generation for Customers	139.36	152.38	154.81	158.52	163.30	167.03	169.64	174.38	178.44	183.89	187.21	192.08	196.88	200.51	205.82	210.39	215.12	219.42	224.86	228.11	229.31	233.59	238.88	231.76	2.2%
Total Net Energy for Load	106.53	119.73	122.04	125.74	129.82	133.03	135.90	138.53	141.64	144.85	148.13	151.40	154.80	158.11	161.69	164.68	167.83	171.16	174.32	177.57	180.92	183.80	186.65	189.44	2.5%
Generation by Fuel Type (billion kilowatthours)																									
Coal	89.41	92.03	93.27	94.44	94.44	94.44	94.44	94.52	94.52	94.72	94.93	95.43	95.81	96.28	97.09	97.96	99.00	99.89	101.14	102.48	104.27	105.74	107.29	108.45	0.8%
Petroleum	0.11	1.51	1.44	0.82	0.42	0.15	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	-1.9%
Natural Gas	6.17	23.17	24.54	26.38	31.09	34.58	36.98	41.48	45.38	50.47	53.55	57.65	61.91	64.85	69.12	72.64	76.10	79.13	83.08	84.68	83.69	86.12	89.51	80.57	11.8%
Nuclear	23.01	19.78	20.58	20.99	21.37	21.75	21.88	22.01	22.14	22.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24	-0.1%
Pumped Storage/Other 3/	0.37	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	N/A
Renewable 4/	20.65	16.28	15.37	16.28	16.36	16.50	16.58	16.61	16.65	16.69	16.73	16.99	17.15	17.38	17.61	17.80	18.02	18.40	18.64	18.95	19.34	19.73	20.08	20.73	0.0%
Total Generation	139.71	152.73	155.17	158.87	163.65	167.38	169.91	174.65	178.71	184.16	187.48	192.35	197.15	200.78	206.09	210.66	215.39	219.69	225.13	228.38	229.58	233.86	239.15	232.03	2.2%
Sales to Customers	139.36	152.38	154.81	158.52	163.30	167.03	169.64	174.38	178.44	183.89	187.21	192.08	196.88	200.51	205.82	210.39	215.12	219.42	224.86	228.11	229.31	233.59	238.88	231.76	2.2%
Generation for Own Use	0.36	0.36	0.36	0.36	0.36	0.36	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	-1.2%
Cogenerators																									
Coal	0.59	0.59	0.58	0.57	0.57	0.57	0.56	0.56	0.56	0.56	0.55	0.55	0.55	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.53	0.53	0.53	-0.4%
Petroleum	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	8.4%
Natural Gas	5.80	5.27	5.25	5.29	5.32	5.31	5.32	5.35	5.37	5.40	5.43	5.47	5.51	5.55	5.59	5.64	5.69	5.74	5.78	5.82	5.86	5.90	5.88	5.85	0.0%
Other Gaseous Fuels	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.2%
Renewable	1.59	1.63	1.65	1.69	1.72	1.75	1.77	1.80	1.84	1.88	1.93	1.96	2.00	2.04	2.07	2.10	2.12	2.15	2.19	2.21	2.23	2.25	2.28	2.30	1.6%
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total	7.99	7.50	7.49	7.56	7.63	7.64	7.67	7.71	7.78	7.85	7.92	7.99	8.07	8.14	8.21	8.29	8.36	8.44	8.51	8.57	8.63	8.70	8.70	8.69	0.4%
Sales to Utilities	3.68	3.11	3.10	3.11	3.11	3.11	3.12	3.12	3.13	3.14	3.15	3.16	3.16	3.17	3.18	3.19	3.20	3.21	3.21	3.22	3.23	3.24	3.24	3.23	-0.6%
Generation for Own Use	4.31	4.39	4.39	4.45	4.51	4.52	4.55	4.59	4.65	4.71	4.78	4.84	4.90	4.96	5.03	5.10	5.16	5.23	5.30	5.35	5.41	5.46	5.47	5.45	1.0%
End-Use Prices (1997 cents per kilowatthour)																									
Residential	8.5	8.4	8.3	8.3	8.3	8.3	8.4	8.6	8.7	8.7	8.7	8.6	8.5	8.5	8.3	8.2	8.2	8.0	7.9	7.8	7.7	7.7	7.6	7.6	-0.5%
Commercial	6.8	6.6	6.5	6.5	6.5	6.5	6.5	6.6	6.7	6.6	6.6	6.5	6.5	6.5	6.3	6.2	6.2	6.1	6.0	5.9	5.8	5.8	5.8	5.7	-0.7%
Industrial	4.7	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.2	4.2	4.1	4.0	4.0	3.9	3.8	3.8	3.8	3.8	-0.9%
Transportation	6.5	6.4	6.3	6.3	6.2	6.1	6.1	6.1	6.2	6.2	6.1	6.0	6.0	5.9	5.7	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.1	5.0	-1.1%
All Sectors Average	6.9	6.8	6.7	6.7	6.7	6.7	6.7	6.8	6.9	6.9	6.9	6.8	6.8	6.8	6.6	6.5	6.5	6.4	6.3	6.2	6.1	6.1	6.1	6.0	-0.6%

Table 70. Electric Power Projections for EMM Region 12 - Western Systems Coordinating Council/RA																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Price Components (1997 cents per kilowatthour)																										
Capital Component	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.5	4.5	4.5	4.4	4.3	4.2	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.5	3.5	-1.0%	
Fuel Component	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	0.3%	
O&M Component	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	-0.8%	
Wholesale Power Cost	-1.5	-1.5	-1.5	-1.5	-1.5	-1.4	-1.4	-1.4	-1.4	-1.5	-1.4	-1.5	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.3	-1.3	-1.4	-1.2	-1.1%	
Total	6.9	6.8	6.7	6.7	6.7	6.7	6.7	6.8	6.9	6.9	6.9	6.8	6.8	6.8	6.6	6.5	6.5	6.4	6.3	6.2	6.1	6.1	6.1	6.0	-0.6%	
Fuel Consumption (quadrillion Btu) 8/																										
Coal	0.95	1.00	1.01	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.04	1.04	1.05	1.06	1.06	1.07	1.08	1.09	1.10	1.12	1.13	1.14	0.8%	
Natural Gas	0.07	0.26	0.27	0.25	0.28	0.29	0.28	0.31	0.32	0.35	0.38	0.41	0.44	0.46	0.49	0.51	0.53	0.54	0.57	0.58	0.57	0.59	0.60	0.54	9.3%	
Oil	0.00	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.1%	
Total	1.02	1.28	1.30	1.29	1.31	1.31	1.31	1.33	1.35	1.38	1.41	1.45	1.48	1.50	1.54	1.56	1.59	1.62	1.65	1.67	1.68	1.70	1.73	1.68	2.2%	
Emissions (million short tons) 9/																										
Total Carbon	29.40	30.53	30.98	30.96	31.19	31.28	31.25	31.57	31.83	32.35	32.81	33.42	33.93	34.28	34.90	35.39	35.91	36.37	37.00	37.41	37.66	38.18	38.70	38.03	1.1%	
Carbon Dioxide	107.80	111.93	113.58	113.52	114.35	114.71	114.57	115.77	116.70	118.61	120.29	122.53	124.43	125.71	127.98	129.77	131.68	133.35	135.67	137.17	138.09	140.00	141.91	139.44	1.1%	
Sulfur Dioxide	0.23	0.24	0.24	0.24	0.23	0.23	0.23	0.23	0.23	0.23	0.22	0.22	0.22	0.22	0.22	0.22	0.21	0.22	0.21	0.21	0.21	0.21	0.21	0.21	0.21	-0.4%
Nitrogen Oxide	0.28	0.26	0.26	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.24	0.24	0.24	0.23	-0.7%

Note: Totals may not equal sum of components due to independent rounding.

1/ Net summer capability is the steady hourly output that generating equipment is expected to supply to system load (exclusive of auxiliary power), as demonstrated by tests during summer peak demand. Includes electric utilities, small power producers, and exempt wholesale generators. Nameplate capacity is reported for nonutilities on Form EIA-867, Annual Nonutility Power Producer Report." Nameplate capacity is designated by the manufacturer. The nameplate capacity has been converted to net summer capacity based on historic relationships.

2/ Includes oil-, gas-, and dual-fired capability.

3/ Other includes methane, propane gas, and blast furnace gas, hydrogen, sulfur, batteries, chemicals, fish oil, and spent sulfite liquor.

4/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, other biomass, solar thermal, photovoltaics, and wind power.

5/ Cumulative additions after December 31, 1996.

6/ Cogenerators produce electricity and another form of useful energy (such as steam or heat) through the sequential use of energy.

7/ Generation to meet system load by source.

8/ Includes fuel consumption by electric utilities, small power producers, independent power producers, and exempt wholesale generators.

9/ Estimated emissions from utilities and nonutilities (excluding cogenerators).

O&M = Operation and maintenance.

EMM = Electricity market module.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Source: 1997 (except for prices and nonutility data) Energy Information Administration (EIA), Annual Energy Review 1997, DOE/EIA-0384(97) (Washington, DC, July 1998). Other 1997 and projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 71. Electric Power Projections for EMM Region 13 - Western Systems Coordinating Council/CNV																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Electricity Generating Capability 1/ (gigawatts)																									
Coal Steam	5.46	5.46	5.46	5.46	5.46	5.46	5.55	5.75	6.06	6.50	7.49	7.49	8.13	8.95	9.97	10.33	11.15	11.54	11.92	12.41	13.07	13.38	14.50	15.24	4.6%
Other Fossil Steam 2/	20.54	20.54	20.54	20.45	20.45	20.45	20.31	16.81	16.81	16.81	16.81	15.79	15.79	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	15.75	-1.1%
Combined Cycle	2.18	2.18	2.18	2.18	2.18	4.02	5.41	6.98	7.77	8.52	8.52	8.61	8.64	8.72	8.72	8.75	8.75	8.75	8.76	8.76	8.77	8.82	8.87	8.89	6.3%
Combustion Turbine/Diesel	3.09	3.09	3.09	3.09	3.08	3.08	4.32	4.04	5.78	5.78	5.78	5.91	6.14	6.15	6.26	6.35	6.40	6.48	6.58	6.63	6.87	7.00	7.17	7.39	3.9%
Nuclear Power	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	N/A
Pumped Storage/Other 3/	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	3.73	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	16.55	16.56	16.69	16.89	17.17	17.07	16.98	16.88	16.89	16.87	16.95	16.95	17.00	16.94	16.89	16.95	16.91	16.88	16.93	16.91	16.96	16.89	16.98	17.04	0.1%
Total Capability	56.67	56.68	56.81	56.92	57.20	58.95	61.43	59.33	62.17	63.35	64.41	63.62	64.56	65.37	66.46	66.98	67.83	68.27	68.80	69.33	70.29	70.71	72.14	73.17	1.1%
Cumulative Planned Additions 5/																									
Coal Steam	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	N/A
Combustion Turbine/Diesel	0.27	0.27	0.27	0.27	0.27	0.27	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.7%
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.02	0.02	0.15	0.35	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	17.4%
Total (planned)	0.46	0.47	0.59	0.80	1.07	1.07	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	4.0%
Cumulative Unplanned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.30	0.60	1.05	2.04	2.04	2.67	3.49	4.51	4.87	5.70	6.08	6.46	6.96	7.61	7.92	9.05	9.78	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.00	0.00	0.00	0.00	0.00	1.85	3.23	4.80	5.59	6.34	6.34	6.44	6.46	6.54	6.55	6.57	6.58	6.58	6.58	6.59	6.59	6.65	6.70	6.72	N/A
Combustion Turbine/Diesel	0.00	0.00	0.00	0.00	0.00	0.00	1.20	1.20	2.94	2.94	2.94	3.07	3.30	3.31	3.42	3.50	3.56	3.64	3.74	3.79	4.03	4.16	4.33	4.55	N/A
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.03	0.05	0.13	0.20	0.21	0.26	0.31	0.37	0.42	0.50	0.54	0.59	0.62	0.68	0.73	0.82	0.88	N/A
Total (unplanned)	0.00	0.00	0.00	0.00	0.01	1.86	4.55	6.34	9.18	10.47	11.53	11.76	12.70	13.65	14.85	15.37	16.33	16.84	17.37	17.96	18.91	19.46	20.89	21.93	N/A
Cumulative Total Additions	0.46	0.47	0.59	0.80	1.08	2.93	5.67	7.46	10.30	11.59	12.65	12.88	13.82	14.77	15.97	16.49	17.45	17.96	18.49	19.08	20.03	20.58	22.01	23.05	18.6%
Cumulative Retirements	2.87	2.87	2.87	2.96	2.97	3.08	3.33	7.22	7.22	7.32	7.32	8.34	8.34	8.49	8.60	8.60	8.71	8.78	8.78	8.83	8.83	8.96	8.96	8.96	5.1%
Cogenerators 6/ Capacity																									
Coal	0.45	0.46	0.46	0.46	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.3%
Petroleum	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.5%
Natural Gas	6.02	6.13	6.12	6.27	6.30	6.29	6.31	6.33	6.35	6.39	6.42	6.45	6.48	6.52	6.56	6.61	6.65	6.69	6.73	6.77	6.80	6.84	6.83	6.80	0.5%
Other Gaseous Fuels	0.03	0.03	0.03	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	1.5%
Renewables	0.87	0.95	0.96	0.97	0.99	0.99	1.00	1.01	1.02	1.03	1.04	1.05	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.17	1.18	1.3%
Other	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.9%
Total	7.45	7.66	7.65	7.84	7.88	7.88	7.90	7.93	7.97	8.02	8.06	8.11	8.15	8.20	8.25	8.31	8.36	8.41	8.47	8.51	8.56	8.60	8.60	8.58	0.6%

Table 71. Electric Power Projections for EMM Region 13 - Western Systems Coordinating Council/CNV																									
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020
Electricity Demand (billion kilowatthours)																									
Residential	76.14	78.56	80.94	83.18	85.49	86.60	87.20	88.14	89.01	89.95	90.77	91.47	92.34	93.44	94.83	95.97	97.46	98.67	100.18	101.79	103.52	104.94	106.58	108.12	1.5%
Commercial/Other	93.57	96.47	98.40	100.21	101.85	103.89	105.30	106.79	108.39	109.81	111.43	112.90	114.61	116.35	118.15	119.62	121.13	122.43	123.50	124.66	125.80	126.50	127.66	128.64	1.4%
Industrial	61.78	63.07	63.49	66.05	67.56	68.76	69.73	70.59	72.15	73.79	75.24	76.38	77.58	78.72	79.55	80.49	81.71	83.03	84.29	85.21	86.96	88.08	89.15	90.21	1.7%
Transportation	1.54	1.56	1.59	1.63	1.67	1.72	2.13	2.51	2.86	3.17	3.44	3.71	3.99	4.26	4.52	4.73	4.95	5.17	5.40	5.63	5.86	6.08	6.31	6.53	6.5%
Total Sales	233.03	239.67	244.41	251.08	256.57	260.97	264.36	268.02	272.41	276.72	280.88	284.46	288.52	292.78	297.05	300.82	305.26	309.30	313.37	317.29	322.14	325.61	329.70	333.50	1.6%
Net Energy for Load (billion kwh) 7/																									
Gross International Imports	0.00	0.00	0.00	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	N/A
Gross International Exports	2.03	1.91	1.15	1.19	1.23	1.27	1.32	1.36	1.41	1.46	1.51	1.56	1.61	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	-0.9%
Gross Interregional Electric Imports	76.63	62.16	61.27	69.10	76.12	83.35	84.96	86.73	85.70	88.74	83.96	81.43	79.66	76.57	72.91	75.50	73.48	77.72	79.77	82.27	81.01	84.27	86.08	80.99	0.2%
Gross Interregional Electric Exports	11.46	11.24	10.38	9.34	9.32	9.33	9.90	9.31	7.13	7.11	7.22	7.12	7.12	7.28	7.29	7.18	7.19	7.11	7.11	7.11	7.11	7.11	7.11	7.11	-2.1%
Purchases from cogenerators 6/	29.62	26.51	26.45	26.41	26.45	26.45	26.48	26.51	26.55	26.61	26.66	26.72	26.77	26.83	26.89	26.96	27.02	27.08	27.14	27.19	27.24	27.30	27.29	27.26	-0.4%
Util. Generation for Customers	173.34	185.93	190.23	176.61	175.35	172.74	175.12	176.48	179.86	181.18	190.28	196.28	202.14	209.73	217.64	218.61	225.05	224.69	226.67	228.38	234.85	235.29	237.95	247.22	1.6%
Total Net Energy for Load	266.11	261.45	266.42	273.72	279.51	284.06	287.48	291.18	295.70	300.09	304.31	307.88	311.97	316.30	320.61	324.35	328.82	332.85	336.94	341.19	346.46	350.22	354.68	358.83	1.3%
Generation by Fuel Type (billion kilowatthours)																									
Coal	34.90	37.57	38.11	38.62	38.62	38.61	39.30	40.74	42.94	46.14	53.26	53.26	57.84	63.72	71.05	73.60	79.39	82.14	84.87	88.43	93.12	95.33	103.43	108.71	5.1%
Petroleum	1.03	11.99	13.46	8.51	7.78	3.93	1.99	0.92	0.82	0.81	0.82	0.42	0.43	0.09	0.11	0.09	0.10	0.10	0.09	0.08	0.11	0.11	0.08	0.04	-13.5%
Natural Gas	40.57	38.90	43.17	29.91	28.10	29.55	33.24	34.41	35.57	33.40	34.91	41.23	42.17	44.22	44.72	42.81	43.31	40.43	39.39	37.35	38.79	36.70	30.85	34.64	-0.7%
Nuclear	36.81	36.63	37.60	37.81	37.92	38.03	38.06	38.10	38.13	38.16	38.16	38.16	38.16	38.16	38.16	38.15	38.15	38.14	38.14	38.13	38.13	38.12	38.12	38.12	0.1%
Pumped Storage/Other 3/	1.86	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	N/A
Renewable 4/	60.86	63.97	61.03	64.87	66.06	65.76	65.48	65.21	65.30	65.56	66.03	66.06	66.38	66.33	66.39	66.74	66.90	66.67	66.98	67.17	67.49	67.81	68.26	68.60	0.5%
Total Generation	176.03	188.62	192.92	179.29	178.04	175.43	177.64	178.93	182.31	183.64	192.74	198.67	204.53	212.07	219.99	220.95	227.39	227.04	229.02	230.72	237.20	237.64	240.30	249.57	1.5%
Sales to Customers	173.34	185.93	190.23	176.61	175.35	172.74	175.12	176.48	179.86	181.18	190.28	196.28	202.14	209.73	217.64	218.61	225.05	224.69	226.67	228.38	234.85	235.29	237.95	247.22	1.6%
Generation for Own Use	2.69	2.69	2.69	2.69	2.69	2.69	2.52	2.45	2.45	2.45	2.45	2.39	2.39	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	-0.6%
Cogenerators																									
Coal	3.83	3.85	3.79	3.74	3.73	3.72	3.71	3.70	3.68	3.67	3.65	3.63	3.61	3.60	3.59	3.58	3.58	3.57	3.57	3.56	3.56	3.55	3.55	3.55	-0.3%
Petroleum	0.34	1.52	1.72	1.37	0.74	0.71	0.70	0.69	0.54	0.52	0.52	0.52	0.51	0.51	0.51	0.51	0.50	0.51	0.50	0.51	0.51	0.51	0.50	0.49	1.7%
Natural Gas	49.00	45.43	45.09	45.79	46.72	46.61	46.77	46.97	47.33	47.64	47.95	48.30	48.59	48.97	49.39	49.85	50.26	50.69	51.05	51.42	51.77	52.13	52.02	51.70	0.2%
Other Gaseous Fuels	0.26	0.31	0.31	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	1.2%
Renewable	6.48	6.75	6.81	6.98	7.12	7.23	7.32	7.42	7.59	7.77	7.94	8.08	8.25	8.39	8.51	8.63	8.73	8.85	8.99	9.08	9.18	9.27	9.35	9.44	1.6%
Other	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.2%
Total	59.94	57.89	57.75	58.24	58.68	58.65	58.86	59.14	59.51	59.96	60.42	60.90	61.34	61.83	62.36	62.93	63.44	63.99	64.48	64.93	65.38	65.83	65.79	65.54	0.4%
Sales to Utilities	29.62	26.51	26.45	26.41	26.45	26.45	26.48	26.51	26.55	26.61	26.66	26.72	26.77	26.83	26.89	26.96	27.02	27.08	27.14	27.19	27.24	27.30	27.29	27.26	-0.4%
Generation for Own Use	30.31	31.38	31.30	31.84	32.22	32.20	32.38	32.63	32.96	33.36	33.76	34.18	34.57	35.00	35.47	35.98	36.42	36.91	37.34	37.74	38.13	38.53	38.50	38.28	1.0%
End-Use Prices (1997 cents per kilowatthour)																									
Residential	11.5	9.8	9.6	9.4	9.2	9.0	8.9	8.8	8.9	9.0	9.2	9.4	9.6	9.6	9.6	9.6	9.6	9.8	9.7	9.7	9.5	9.6	9.4	9.4	-0.9%
Commercial	10.1	9.5	9.3	9.2	8.9	8.5	8.4	8.3	8.2	8.2	8.1	8.1	8.1	8.0	8.0	8.0	8.0	8.1	8.1	8.1	8.0	8.1	7.9	7.8	-1.1%
Industrial	7.0	6.7	6.6	6.5	6.3	6.7	6.6	6.3	5.8	5.4	5.1	5.1	5.1	5.1	5.1	5.1	5.0	5.1	5.0	5.1	5.0	5.1	5.0	4.9	-1.5%
Transportation	6.4	6.9	6.8	6.7	6.5	6.5	6.4	6.2	6.1	6.1	6.1	6.2	6.2	6.2	6.2	6.2	6.1	6.2	6.1	6.1	6.0	6.1	6.0	6.1	-0.3%
All Sectors Average	9.7	8.9	8.7	8.5	8.3	8.2	8.1	7.9	7.8	7.7	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.7	7.7	7.7	7.7	7.5	7.5	-1.1%

Table 71. Electric Power Projections for EMM Region 13 - Western Systems Coordinating Council/CNV																										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1997-2020	
Price Components (1997 cents per kilowatthour)																										
Capital Component	5.1	4.3	4.1	4.1	3.9	3.8	3.8	3.7	3.5	3.4	3.4	3.5	3.6	3.6	3.7	3.7	3.8	3.9	3.8	3.9	3.8	3.9	3.7	3.7	-1.4%	
Fuel Component	0.6	0.8	0.9	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.6	-0.3%	
O&M Component	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	-0.6%	
Wholesale Power Cost	1.6	1.3	1.3	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	-1.6%	
Total	9.7	8.9	8.7	8.5	8.3	8.2	8.1	7.9	7.8	7.7	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.7	7.7	7.7	7.7	7.5	7.5	-1.1%	
Fuel Consumption (quadrillion Btu) 8/																										
Coal	0.35	0.40	0.41	0.41	0.41	0.41	0.42	0.43	0.45	0.48	0.54	0.54	0.57	0.62	0.67	0.69	0.73	0.75	0.77	0.80	0.83	0.85	0.90	0.94	4.4%	
Natural Gas	0.43	0.40	0.44	0.31	0.29	0.27	0.27	0.25	0.25	0.24	0.25	0.30	0.30	0.32	0.32	0.31	0.31	0.29	0.28	0.27	0.28	0.26	0.22	0.25	-2.3%	
Oil	0.01	0.12	0.13	0.08	0.08	0.04	0.02	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.8%	
Total	0.79	0.92	0.98	0.81	0.78	0.72	0.71	0.70	0.72	0.73	0.80	0.84	0.88	0.93	0.99	1.00	1.04	1.04	1.06	1.07	1.11	1.11	1.13	1.19	1.8%	
Emissions (million short tons) 9/																										
Total Carbon	15.00	19.01	20.15	17.28	16.87	15.68	15.47	15.37	15.86	16.32	18.06	18.64	19.69	21.00	22.52	22.81	23.99	24.23	24.62	25.08	26.13	26.32	27.24	28.55	2.8%	
Carbon Dioxide	55.00	69.71	73.87	63.35	61.85	57.49	56.71	56.37	58.17	59.85	66.22	68.35	72.21	77.00	82.58	83.64	87.97	88.83	90.27	91.95	95.79	96.50	99.87	104.69	2.8%	
Sulfur Dioxide	0.10	0.11	0.12	0.11	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	-0.3%
Nitrogen Oxide	0.16	0.12	0.12	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	-1.9%

Note: Totals may not equal sum of components due to independent rounding.

1/ Net summer capability is the steady hourly output that generating equipment is expected to supply to system load (exclusive of auxiliary power), as demonstrated by tests during summer peak demand. Includes electric utilities, small power producers, and exempt wholesale generators. Nameplate capacity is reported for nonutilities on Form EIA-867, Annual Nonutility Power Producer Report." Nameplate capacity is designated by the manufacturer. The nameplate capacity has been converted to net summer capacity based on historic relationships.

2/ Includes oil-, gas-, and dual-fired capability.

3/ Other includes methane, propane gas, and blast furnace gas, hydrogen, sulfur, batteries, chemicals, fish oil, and spent sulfite liquor.

4/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, other biomass, solar thermal, photovoltaics, and wind power.

5/ Cumulative additions after December 31, 1996.

6/ Cogenerators produce electricity and another form of useful energy (such as steam or heat) through the sequential use of energy.

7/ Generation to meet system load by source.

8/ Includes fuel consumption by electric utilities, small power producers, independent power producers, and exempt wholesale generators.

9/ Estimated emissions from utilities and nonutilities (excluding cogenerators).

O&M = Operation and maintenance.

EMM = Electricity market module.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Source: 1997 (except for prices and nonutility data) Energy Information Administration (EIA), Annual Energy Review 1997, DOE/EIA-0384(97) (Washington, DC, July 1998). Other 1997 and projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.

Table 72. Electric Power Projections for the United States																								1997-2020	
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Electricity Generating Capability 1/ (gigawatts)																									
Coal Steam	304.72	305.20	304.75	305.43	305.81	305.86	304.00	304.13	305.22	305.87	306.99	307.12	307.87	308.87	310.40	311.55	313.27	314.38	316.18	318.97	322.53	324.70	329.12	333.03	0.4%
Other Fossil Steam 2/	138.66	138.59	138.59	138.42	138.30	138.16	121.19	105.34	101.65	97.89	89.98	84.55	80.22	80.18	79.83	79.81	79.53	79.53	79.53	79.53	79.44	78.49	76.67	75.69	-2.6%
Combined Cycle	16.38	17.21	17.32	27.06	31.24	44.01	53.60	72.85	88.67	99.77	107.59	111.86	118.66	126.02	135.74	145.46	154.79	165.59	175.94	184.34	192.78	199.63	205.19	211.46	11.8%
Combustion Turbine/Diesel	78.23	89.07	95.64	98.93	102.17	107.28	124.55	132.77	141.11	141.73	141.71	142.96	147.42	151.02	155.95	161.20	162.80	167.99	174.92	177.91	180.35	181.97	185.89	186.73	3.9%
Nuclear Power	99.05	95.45	95.45	94.84	94.84	94.84	91.22	88.34	87.36	82.22	79.53	78.71	77.63	74.18	72.30	70.34	66.09	58.41	56.37	51.36	49.73	48.87	48.87	48.87	-3.0%
Pumped Storage/Other 3/	19.55	19.85	21.52	21.52	21.52	21.52	21.52	21.52	21.52	21.52	21.52	21.52	21.52	21.52	21.52	21.52	21.52	21.52	21.52	21.52	21.52	21.52	21.52	21.52	0.4%
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.4%
Renewable 4/	87.92	88.46	89.23	89.73	90.20	90.52	90.68	90.77	91.05	91.24	91.48	91.72	91.97	92.14	92.39	92.75	93.04	93.49	93.89	94.34	94.97	95.45	96.06	96.68	0.4%
Total Capability	744.51	753.85	762.51	775.93	784.08	802.19	806.77	815.74	836.59	840.25	838.81	838.46	845.29	853.94	868.14	882.65	891.33	900.90	918.36	927.98	941.33	950.64	963.34	973.99	1.2%
Cumulative Planned Additions 5/																									
Coal Steam	0.09	0.09	0.09	0.90	0.82	0.82	0.82	0.82	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	N/A
Other Fossil Steam 2/	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	N/A
Combined Cycle	0.71	1.55	1.65	1.99	2.54	3.63	3.76	4.78	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	N/A
Combustion Turbine/Diesel	1.46	2.43	3.85	6.72	7.82	11.34	13.90	16.67	18.56	18.56	18.56	18.56	18.56	18.56	18.56	18.56	18.56	18.56	18.56	18.56	18.56	18.56	18.56	18.56	N/A
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.30	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.09	0.50	1.20	1.60	2.00	2.27	2.34	2.38	2.46	2.52	2.58	2.64	2.71	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	N/A
Total (planned)	2.45	4.96	8.86	13.27	15.26	20.13	22.88	26.72	29.85	29.91	29.97	30.03	30.10	30.15	30.15	30.15	30.15	30.15	30.15	30.15	30.15	30.15	30.15	30.15	N/A
Cumulative Unplanned Additions 5/																									
Coal Steam	0.00	0.00	0.00	0.00	0.42	0.46	0.64	1.03	1.54	2.48	3.74	3.86	4.61	5.61	7.18	8.33	10.09	11.72	13.52	16.31	19.87	22.63	27.05	30.96	N/A
Other Fossil Steam 2/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Combined Cycle	0.00	0.00	0.00	9.40	13.03	24.71	34.17	52.41	67.68	78.78	86.60	90.87	97.66	105.02	114.74	124.46	133.80	144.60	154.95	163.35	171.79	178.64	184.20	190.47	N/A
Combustion Turbine/Diesel	20.23	30.13	35.45	35.73	37.88	39.51	55.11	62.21	68.81	70.02	71.39	72.64	77.25	81.08	86.71	92.94	95.94	101.22	108.16	111.15	113.63	115.39	119.32	120.16	N/A
Nuclear Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Pumped Storage/Other 3/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Fuel Cells	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Renewable 4/	0.82	0.83	0.85	0.88	0.95	1.03	1.10	1.21	1.35	1.54	1.71	1.89	2.07	2.30	2.65	3.02	3.42	3.94	4.34	4.85	5.47	6.08	6.69	7.31	N/A
Total (unplanned)	21.05	30.96	36.30	46.01	52.28	65.72	91.03	116.86	139.38	152.81	163.44	169.26	181.59	194.02	211.29	228.76	243.24	261.47	280.97	295.65	310.77	322.74	337.26	348.89	N/A
Cumulative Total Additions	23.50	35.93	45.16	59.28	67.54	85.85	113.91	143.58	169.23	182.71	193.41	199.29	211.69	224.17	241.44	258.91	273.39	291.62	311.12	325.80	340.92	352.89	367.41	379.04	N/A
Cumulative Retirements	14.77	18.43	18.47	19.41	19.60	19.88	43.54	64.33	68.66	78.01	90.14	96.38	101.94	105.73	108.85	111.81	117.61	126.26	128.30	133.36	135.14	137.79	139.61	140.60	N/A
Cogenerators 6/ Capacity																									
Coal	9.19	9.66	9.64	9.66	9.68	9.69	9.70	9.70	9.72	9.74	9.75	9.75	9.76	9.76	9.77	9.78	9.79	9.80	9.82	9.83	9.84	9.84	9.85	9.86	0.3%
Petroleum	1.23	1.31	1.31	1.31	1.32	1.32	1.32	1.33	1.33	1.33	1.34	1.34	1.35	1.35	1.35	1.36	1.36	1.36	1.36	1.37	1.37	1.37	1.37	1.37	0.5%
Natural Gas	33.41	34.04	33.95	34.82	34.99	34.93	35.02	35.14	35.27	35.44	35.62	35.81	35.98	36.18	36.41	36.67	36.89	37.14	37.34	37.55	37.75	37.95	37.90	37.74	0.5%
Other Gaseous Fuels	0.63	0.63	0.63	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	1.5%
Renewables	6.85	7.40	7.43	7.52	7.60	7.66	7.69	7.73	7.82	7.91	7.98	8.05	8.13	8.19	8.26	8.33	8.39	8.47	8.55	8.60	8.66	8.72	8.76	8.81	1.1%
Other	0.12	0.12	0.12	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.9%
Total	51.43	53.15	53.08	54.36	54.64	54.66	54.78	54.95	55.18	55.46	55.73	56.00	56.26	56.53	56.84	57.18	57.47	57.81	58.12	58.38	58.66	58.93	58.93	58.82	0.6%

Table 72. Electric Power Projections for the United States																								1997-2020	
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Electricity Demand (billion kilowatthours)																									
Residential	1070.6	1104.6	1137.9	1170.6	1205.3	1222.8	1234.4	1246.1	1260.8	1275.3	1290.5	1306.7	1322.8	1339.4	1363.5	1383.7	1404.3	1424.4	1444.7	1466.7	1486.9	1507.1	1529.1	1551.6	1.6%
Commercial/Other	1007.5	1037.8	1058.6	1079.7	1097.8	1116.5	1130.8	1144.8	1161.2	1176.4	1193.4	1211.5	1229.1	1246.4	1267.2	1285.4	1302.1	1317.5	1330.8	1343.4	1354.4	1363.3	1373.2	1381.9	1.4%
Industrial	1031.6	1042.5	1045.1	1059.0	1077.9	1092.8	1100.4	1109.5	1129.1	1150.4	1167.7	1181.4	1196.1	1209.5	1219.5	1232.9	1244.9	1260.7	1279.1	1288.4	1304.4	1317.7	1328.4	1338.0	1.1%
Transportation	15.9	16.1	16.4	16.7	17.1	17.5	21.7	25.5	29.0	32.1	34.8	37.4	40.1	42.7	45.1	47.1	49.1	51.2	53.3	55.3	57.4	59.4	61.4	63.4	6.2%
Total Sales	3125.6	3201.0	3258.0	3326.0	3398.1	3449.5	3487.3	3526.0	3580.1	3634.2	3686.4	3737.0	3788.0	3837.9	3895.2	3949.2	4000.4	4053.8	4108.0	4153.8	4203.2	4247.5	4292.2	4334.9	1.4%
Net Energy for Load (billion kwh) 7/																									
Gross International Imports	41.98	46.83	44.95	58.14	57.14	55.15	56.89	56.85	54.05	54.16	54.32	52.90	53.24	52.18	51.31	50.29	49.31	48.45	49.22	49.24	49.27	49.23	49.01	48.98	0.7%
Gross International Exports	10.04	12.38	15.94	15.28	15.40	15.51	20.83	20.97	21.10	21.24	21.37	21.51	21.65	21.79	21.79	21.79	21.79	21.79	21.79	21.79	21.79	21.79	21.79	21.79	3.4%
Gross Interregional Electric Imports	276.1	257.7	245.1	244.8	245.4	245.3	245.8	238.2	229.1	228.9	222.4	218.2	219.3	214.4	214.2	217.8	218.8	222.4	225.5	230.4	231.8	234.8	234.6	230.8	-0.8%
Gross Interregional Electric Exports	277.9	259.2	246.4	246.4	247.1	247.0	247.6	239.8	230.7	230.5	223.9	219.6	220.8	215.8	215.5	219.2	220.2	223.9	227.0	232.0	233.5	236.6	236.4	232.5	-0.8%
Purchases from cogenerators 6/	182.6	179.1	178.6	178.0	178.3	178.3	178.5	178.7	178.9	179.2	179.5	179.8	180.1	180.4	180.8	181.1	181.4	181.7	182.0	182.3	182.5	182.8	182.7	182.6	-0.0%
Util. Generation for Customers	3191.7	3281.2	3345.7	3403.3	3479.7	3534.3	3575.1	3613.6	3671.8	3726.7	3779.2	3831.5	3882.6	3933.9	3992.5	4047.7	4099.8	4154.1	4207.8	4256.6	4308.9	4356.2	4404.2	4449.9	1.5%
Total Net Energy for Load	3404.5	3493.3	3551.9	3622.6	3698.0	3750.6	3787.9	3826.5	3882.1	3937.2	3990.2	4041.3	4092.9	4143.4	4201.5	4255.9	4307.3	4361.0	4415.7	4464.6	4517.2	4564.6	4612.4	4658.0	1.4%
Generation by Fuel Type (billion kilowatthours)																									
Coal	1795.8	1840.6	1901.1	1930.9	1956.4	1967.5	1975.6	1976.1	1976.0	1998.9	2010.6	2032.5	2045.4	2045.9	2078.6	2084.6	2111.4	2124.6	2150.5	2173.9	2207.9	2231.6	2262.0	2298.4	1.1%
Petroleum	82.1	111.5	117.1	101.4	98.3	78.7	60.8	46.4	36.2	33.0	28.7	29.1	28.3	27.8	27.1	26.7	26.2	25.7	25.5	24.1	24.2	24.1	24.4	24.0	-5.2%
Natural Gas	299.0	308.4	316.7	337.8	385.7	444.2	505.2	570.5	648.8	706.3	766.8	812.6	857.3	918.8	968.2	1029.5	1071.0	1145.3	1212.7	1252.2	1293.8	1325.8	1343.3	1349.4	6.8%
Nuclear	628.6	647.0	658.7	659.5	663.1	666.3	655.2	641.5	630.3	606.7	589.9	572.6	565.5	553.9	529.0	514.9	496.9	461.0	418.9	402.9	375.3	363.2	359.0	358.5	-2.4%
Pumped Storage/Other 3/	-3.0	-0.9	-1.4	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-2.2%
Renewable 4/	389.1	374.7	353.4	375.6	377.9	379.4	380.1	380.8	382.3	383.6	385.0	386.4	387.9	389.3	391.4	393.8	396.2	399.3	401.9	405.2	409.3	413.4	417.2	421.2	0.3%
Total Generation	3191.7	3281.2	3345.7	3403.3	3479.7	3534.3	3575.1	3613.6	3671.8	3726.7	3779.2	3831.5	3882.6	3933.9	3992.5	4047.7	4099.8	4154.1	4207.8	4256.6	4308.9	4356.2	4404.2	4449.9	1.5%
Sales to Customers	3182.1	3271.6	3336.1	3393.7	3470.1	3524.7	3566.0	3604.6	3662.8	3717.7	3770.2	3822.6	3873.7	3925.1	3983.7	4038.9	4091.0	4145.3	4199.0	4247.8	4300.3	4347.5	4395.5	4441.2	1.5%
Generation for Own Use	9.6	9.6	9.6	9.6	9.6	9.6	9.2	9.0	9.0	9.0	9.0	8.9	8.9	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.7	8.7	8.7	8.7	-0.4%
Cogenerators																									
Coal	59.68	58.62	58.11	57.82	57.70	57.56	57.31	57.05	56.79	56.51	56.17	55.83	55.50	55.18	55.01	54.92	54.81	54.71	54.63	54.55	54.47	54.39	54.31	54.24	-0.4%
Petroleum	9.85	8.37	8.42	8.15	7.52	7.50	7.48	7.48	7.34	7.32	7.32	7.33	7.33	7.34	7.34	7.34	7.34	7.34	7.34	7.34	7.35	7.35	7.34	7.33	-1.3%
Natural Gas	210.16	209.08	208.39	210.25	212.15	211.61	212.23	213.07	214.10	215.36	216.69	218.19	219.43	221.00	222.80	224.77	226.52	228.36	229.89	231.47	232.96	234.52	234.02	232.62	0.4%
Other Gaseous Fuels	3.94	4.74	4.74	5.16	5.16	5.16	5.16	5.16	5.16	5.16	5.16	5.16	5.16	5.16	5.16	5.16	5.16	5.16	5.16	5.16	5.16	5.16	5.16	5.16	1.2%
Renewable	40.65	47.10	47.14	48.42	49.27	49.95	50.44	51.03	52.10	53.15	54.15	55.00	56.01	56.81	57.54	58.25	58.85	59.60	60.41	60.94	61.54	62.08	62.58	63.06	1.9%
Other	3.94	4.06	4.06	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	0.2%
Total	328.22	331.97	330.86	333.93	335.93	335.91	336.76	337.93	339.62	341.63	343.62	345.63	347.56	349.62	351.98	354.56	356.80	359.30	361.56	363.59	365.60	367.63	367.54	366.54	0.5%
Sales to Utilities	182.61	179.12	178.55	177.97	178.26	178.31	178.49	178.69	178.95	179.24	179.54	179.84	180.14	180.44	180.76	181.11	181.40	181.72	182.01	182.26	182.50	182.75	182.73	182.60	-0.0%
Generation for Own Use	145.60	152.85	152.31	155.95	157.67	157.60	158.27	159.24	160.67	162.39	164.08	165.79	167.42	169.18	171.22	173.46	175.40	177.57	179.55	181.33	183.10	184.88	184.81	183.94	1.0%
End-Use Prices (1997 cents per kilowatthour)																									
Residential	8.5	8.2	8.1	8.0	7.8	7.7	7.8	7.8	7.8	7.8	7.7	7.7	7.7	7.7	7.6	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.1	-0.8%
Commercial	7.6	7.4	7.3	7.2	7.1	6.9	6.9	6.9	6.9	6.8	6.8	6.7	6.6	6.6	6.5	6.4	6.3	6.3	6.2	6.2	6.2	6.1	6.1	6.0	-1.0%
Industrial	4.6	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.3	4.2	4.1	4.1	4.1	4.1	4.0	3.9	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.6	-1.0%
Transportation	5.6	5.6	5.5	5.4	5.3	5.2	5.3	5.2	5.2	5.1	5.1	5.0	5.0	5.0	4.8	4.8	4.7	4.7	4.7	4.6	4.6	4.5	4.5	4.4	-1.0%
All Sectors Average	6.9	6.7	6.7	6.6	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.8	5.7	5.7	5.6	-0.9%

Table 72. Electric Power Projections for the United States																								1997-		
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020	
Price Components (1997 cents per kilowatthour)																										
Capital Component	3.6	3.5	3.4	3.4	3.3	3.2	3.2	3.3	3.2	3.2	3.1	3.1	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.7	2.7	2.7	2.7	2.6	-1.3%	
Fuel Component	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.2	0.4%	
O&M Component	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	-0.9%	
Wholesale Power Cost	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-1.9%	
Total	6.9	6.7	6.7	6.6	6.5	6.4	6.4	6.4	6.4	6.3	6.3	6.2	6.2	6.1	6.0	6.0	5.9	5.9	5.8	5.8	5.7	5.7	5.6	5.6	-0.9%	
Fuel Consumption (quadrillion Btu) 8/																										
Coal	18.59	19.18	19.84	20.19	20.46	20.59	20.68	20.69	20.68	20.91	21.02	21.28	21.42	21.41	21.72	21.76	22.01	22.12	22.35	22.54	22.82	23.00	23.21	23.51	1.0%	
Natural Gas	3.40	3.22	3.28	3.30	3.70	4.00	4.34	4.58	5.03	5.40	5.81	6.14	6.44	6.84	7.13	7.50	7.73	8.21	8.61	8.84	9.09	9.28	9.35	9.36	4.5%	
Oil	0.87	1.18	1.25	1.08	1.05	0.84	0.65	0.49	0.38	0.35	0.31	0.31	0.30	0.30	0.29	0.28	0.28	0.27	0.27	0.26	0.26	0.26	0.26	0.26	-5.1%	
Total	22.86	23.58	24.36	24.57	25.21	25.42	25.66	25.76	26.09	26.66	27.13	27.73	28.16	28.54	29.14	29.54	30.02	30.60	31.23	31.63	32.16	32.54	32.82	33.12	1.6%	
Emissions (million short tons) 9/																										
Total Carbon	541.22	572.96	592.22	598.15	610.65	613.88	617.22	617.67	621.67	632.38	640.16	651.73	659.33	664.86	677.08	683.37	693.10	702.62	714.62	722.43	733.34	740.82	747.40	754.98	1.5%	
Carbon Dioxide	1984.5	2100.9	2171.5	2193.2	2239.1	2250.9	2263.1	2264.8	2279.4	2318.7	2347.2	2389.7	2417.6	2437.8	2482.6	2505.7	2541.4	2576.3	2620.3	2648.9	2688.9	2716.4	2740.5	2768.3	1.5%	
Sulfur Dioxide	12.79	13.05	13.31	11.38	11.18	10.98	10.78	10.58	10.19	10.37	9.98	9.70	9.40	9.06	9.11	8.95	8.96	8.95	8.95	8.95	8.95	8.95	8.95	8.95	8.95	-1.5%
Nitrogen Oxide	5.89	5.92	6.12	4.62	4.70	4.71	3.96	3.91	3.90	3.94	3.97	4.02	4.06	4.06	4.11	4.12	4.15	4.18	4.21	4.23	4.26	4.27	4.27	4.29	-1.4%	

Note: Totals may not equal sum of components due to independent rounding.

1/ Net summer capability is the steady hourly output that generating equipment is expected to supply to system load (exclusive of auxiliary power), as demonstrated by tests during summer peak demand. Includes electric utilities, small power producers, and exempt wholesale generators. Nameplate capacity is reported for nonutilities on Form EIA-867, Annual Nonutility Power Producer Report." Nameplate capacity is designated by the manufacturer. The nameplate capacity has been converted to net summer capacity based on historic relationships.

2/ Includes oil-, gas-, and dual-fired capability.

3/ Other includes methane, propane gas, and blast furnace gas, hydrogen, sulfur, batteries, chemicals, fish oil, and spent sulfite liquor.

4/ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, other biomass, solar thermal, photovoltaics, and wind power.

5/ Cumulative additions after December 31, 1996.

6/ Cogenerators produce electricity and another form of useful energy (such as steam or heat) through the sequential use of energy.

7/ Generation to meet system load by source.

8/ Includes fuel consumption by electric utilities, small power producers, independent power producers, and exempt wholesale generators.

9/ Estimated emissions from utilities and nonutilities (excluding cogenerators).

O&M = Operation and maintenance.

EMM = Electricity market module.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Source: 1997 (except for prices and nonutility data) Energy Information Administration (EIA), Annual Energy Review 1997, DOE/EIA-0384(97) (Washington, DC, July 1998). Other 1997 and projections: EIA, AEO99 National Energy Modeling System run AEO99B.D100198A.