

1 - Base No CO2, mid-fuel, 2-yr payback, PCT plus separate TRC and RIM screenings

Sector	Unique Measures	Permutations
RIM SCENARIO		
Residential	13	45
Commercial	14	193
Industrial	0	0
Total	27	238
TRC SCENARIO		
Residential	20	87
Commercial	39	608
Industrial	16	114
Total	75	809

	Savings Potential			
	Summer Peak Demand (MW)	Winter Peak Demand (MW)	Energy (GWh)	% of Base Energy Sales
RIM SCENARIO				
Residential	931	522	1,608	8%
Non-Residential	104	42	290	2%
Total	1,035	565	1,898	5%
TRC SCENARIO				
Residential	970	550	2,138	10%
Non-Residential	222	94	980	6%
Total	1,192	644	3,117	9%

2 - Sensitiv No CO2, mid-fuel, 1-yr payback, PCT plus separate TRC and RIM screenings

Sector	Unique Measures	Permutations
RIM SCENARIO		
Residential	13	45
Commercial	16	237
Industrial	0	0
Total	29	282
TRC SCENARIO		
Residential	26	117
Commercial	56	1,016
Industrial	24	362
Total	106	1,495

	Savings Potential			
	Summer Peak Demand (MW)	Winter Peak Demand (MW)	Energy (GWh)	% of Base Energy Sales
RIM SCENARIO				
Residential	931	522	1,608	8%
Non-Residential	133	90	399	3%
Total	1,064	613	2,007	6%
TRC SCENARIO				
Residential	1,006	460	2,320	11%
Non-Residential	329	236	1,595	10%
Total	1,334	696	3,915	11%

3 - Sensitiv No CO2, mid-fuel, 3-yr payback, PCT plus separate TRC and RIM screenings

Sector	Unique Measures	Permutations
RIM SCENARIO		
Residential	13	41
Commercial	14	181
Industrial	0	0
Total	27	222
TRC SCENARIO		
Residential	15	51
Commercial	34	456
Industrial	6	40
Total	55	547

	Savings Potential			
	Summer Peak Demand (MW)	Winter Peak Demand (MW)	Energy (GWh)	% of Base Energy Sales
RIM SCENARIO				
Residential	808	487	1,448	7%
Non-Residential	98	25	241	2%
Total	906	512	1,689	5%
TRC SCENARIO				
Residential	801	456	1,449	7%
Non-Residential	151	46	521	3%
Total	952	502	1,970	5%

4 - Sensitiv With CO2, mid-fuel, 2-yr payback, PCT plus separate TRC and RIM screenings

Sector	Unique Measures	Permutations
RIM SCENARIO		
Residential	13	45
Commercial	14	197
Industrial	0	0
Total	27	242
TRC SCENARIO		
Residential	22	95
Commercial	40	634
Industrial	16	114
Total	78	843

	Savings Potential			
	Summer Peak Demand (MW)	Winter Peak Demand (MW)	Energy (GWh)	% of Base Energy Sales
RIM SCENARIO				
Residential	931	522	1,608	8%
Non-Residential	112	42	312	2%
Total	1,043	565	1,920	5%
TRC SCENARIO				
Residential	969	550	2,188	11%
Non-Residential	222	94	980	6%
Total	1,191	644	3,168	9%

5 - Sensitiv No CO2, low-fuel, 2-yr payback, PCT plus separate TRC and RIM screenings

Sector	Unique Measures	Permutations
RIM SCENARIO		
Residential	13	45
Commercial	14	191
Industrial	0	0
Total	27	236
TRC SCENARIO		
Residential	20	87
Commercial	37	572
Industrial	15	112
Total	72	771

	Savings Potential			
	Summer Peak Demand (MW)	Winter Peak Demand (MW)	Energy (GWh)	% of Base Energy Sales
RIM SCENARIO				
Residential	931	522	1,608	8%
Non-Residential	104	41	289	2%
Total	1,035	564	1,896	5%
TRC SCENARIO				
Residential	970	550	2,138	10%
Non-Residential	221	93	973	6%
Total	1,191	643	3,111	9%

6 - Sensitiv No CO2, high-fuel, 2-yr payback, PCT plus separate TRC and RIM screenings

Sector	Unique Measures	Permutations
RIM SCENARIO		
Residential	15	59
Commercial	13	171
Industrial	0	0
Total	28	230
TRC SCENARIO		
Residential	25	111
Commercial	48	771
Industrial	18	122
Total	91	1,004

	Savings Potential			
	Summer Peak Demand (MW)	Winter Peak Demand (MW)	Energy (GWh)	% of Base Energy Sales
RIM SCENARIO				
Residential	979	531	1,694	8%
Non-Residential	94	42	276	2%
Total	1,073	573	1,970	5%
TRC SCENARIO				
Residential	1,045	679	2,693	13%
Non-Residential	232	97	1,098	7%
Total	1,276	775	3,791	11%

Summary Tab

Section 1. Forecasted Sales by Utility (kWh)

	DEF
2020	20,465,800,116

Section 2. Potential Savings and as a Percentage of Sales

	TRC-1 year	TRC-2 year
Energy Savings (kWh)	2,320,030,255	2,137,705,925
Saving Percentage (%)	11.34%	10.45%
Summer Peak Savings (kW)	1,005,600	969,650
Winter Peak Savings (kW)	460,435	549,631

Start Year Sales by Industry - Breakdown by Utility

Start Year Sales by End Use		
	DEF	
	kWh	% of Sales
Residential		
Single Family	14,661,948,423	71.64%
Multi-Family	4,174,737,143	20.40%
Manufactured Home	1,629,114,550	7.96%

Section 3. Start Year Sales by End Use - Breakdown by Utility

Start Year Sales by End Use		
	DEF	
End Use	kWh	% of Sales
Space Heating	1,414,462,338	6.91%
Space Cooling	6,626,863,668	32.38%
Domestic Hot Water	2,031,995,274	9.93%
Lighting	1,681,529,115	8.22%
Cooking	412,732,509	2.02%
Appliances	2,473,149,039	12.08%
Electronics	1,119,897,987	5.47%
Miscellaneous	4,705,170,187	22.99%

Section 4. Energy Potentials by End Use - Breakdown by Utility

Energy Potential by End Use		
TRC-1 year		
End Use	kWh	% of Savings
Space Heating	300,593,302	12.96%
Space Cooling	1,190,225,539	51.30%
Domestic Hot Water	23,502,153	1.01%
Lighting	675,003,595	29.09%
Cooking	28,136,358	1.21%
Appliances	0	0.00%
Electronics	17,501,231	0.75%
Miscellaneous	85,068,076	3.67%

Section 5. Summer Peak Demand Potentials by End Use - Breakdown by Utility

Summer Peak Potentials by End Use		
TRC-1 year		
End Use	kW	% of Savings
Space Heating	0	0.00%
Space Cooling	924,765	91.96%
Domestic Hot Water	2,117	0.21%
Lighting	52,483	5.22%
Cooking	11,586	1.15%
Appliances	0	0.00%
Electronics	1,928	0.19%
Miscellaneous	12,721	1.27%

Section 6. Winter Peak Demand Potentials by End Use - Breakdown by Utility

Winter Peak Potentials by End Use		
TRC-1 year		
End Use	kW	% of Savings
Space Heating	383,007	83.18%
Space Cooling	0	0.00%
Domestic Hot Water	4,557	0.99%
Lighting	55,104	11.97%
Cooking	1,931	0.42%
Appliances	0	0.00%
Electronics	1,504	0.33%
Miscellaneous	14,332	3.11%

Base Fuel Cost				Low Fuel
TRC-3 year	RIM-1 year	RIM-2 year	RIM-3 year	TRC-2 year
1,449,185,504	1,607,653,064	1,607,653,064	1,447,767,654	2,137,681,708
7.08%	7.86%	7.86%	7.07%	10.45%
800,653	930,923	930,923	808,289	969,640
456,239	522,315	522,315	487,215	549,616

Base Fuel Cost

TRC-2 year		TRC-3 year		RIM-1
kWh	% of Savings	kWh	% of Savings	kWh
387,641,080	18.13%	359,451,262	24.80%	386,006,708
1,156,891,571	54.12%	1,053,210,327	72.68%	1,221,646,356
9,819,761	0.46%	8,215,094	0.57%	0
491,939,075	23.01%	0	0.00%	0
28,308,821	1.32%	28,308,821	1.95%	0
0	0.00%	0	0.00%	0
0	0.00%	0	0.00%	0
63,105,616	2.95%	0	0.00%	0

Base Fuel Cost

TRC-2 year		TRC-3 year		RIM-1
kW	% of Savings	kW	% of Savings	kW
0	0.00%	0	0.00%	0
904,400	93.27%	788,256	98.45%	930,923
884	0.09%	740	0.09%	0
43,272	4.46%	0	0.00%	0
11,657	1.20%	11,657	1.46%	0
0	0.00%	0	0.00%	0
0	0.00%	0	0.00%	0
9,437	0.97%	0	0.00%	0

Base Fuel Cost

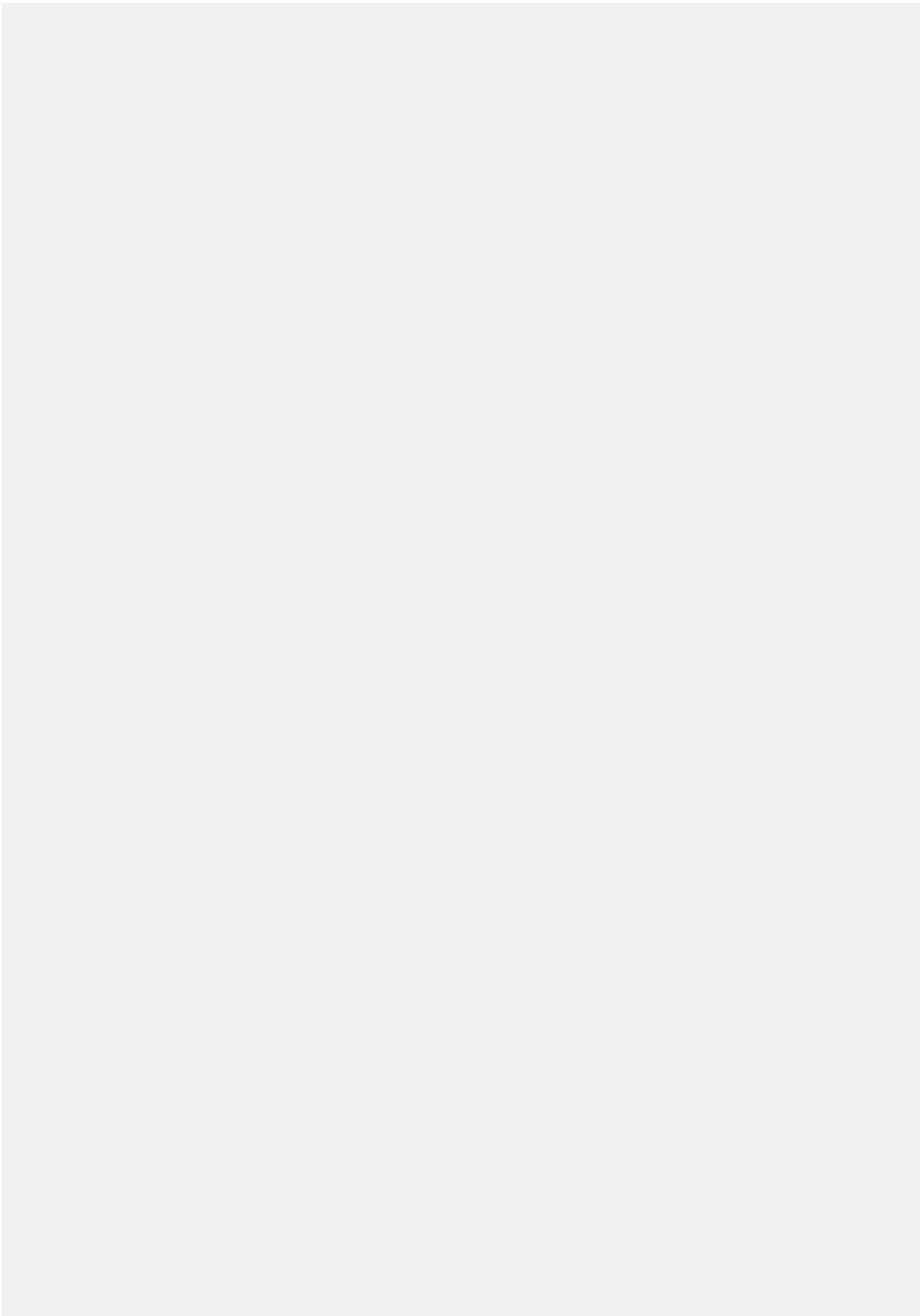
TRC-2 year		TRC-3 year		RIM-1
kW	% of Savings	kW	% of Savings	kW
489,720	89.10%	452,704	99.23%	522,315
0	0.00%	0	0.00%	0
1,904	0.35%	1,593	0.35%	0
45,432	8.27%	0	0.00%	0
1,943	0.35%	1,943	0.43%	0
0	0.00%	0	0.00%	0
0	0.00%	0	0.00%	0
10,632	1.93%	0	0.00%	0

el Cost	High Fuel Cost		Mid Fuel Cost w CO2	
RIM-2 year	TRC-2 year	RIM-2 year	TRC-2 year	RIM-2 year
1,607,653,064	2,693,124,021	1,694,142,787	2,188,473,376	1,607,653,064
7.86%	13.16%	8.28%	10.69%	7.86%
930,923	1,044,661	979,100	969,196	930,923
522,315	678,769	531,216	549,889	522,315

year				
RIM-2 year		RIM-3 year		
% of Savings	kWh	% of Savings	kWh	% of Savings
24.01%	386,006,708	24.01%	359,451,262	24.83%
75.99%	1,221,646,356	75.99%	1,088,316,392	75.17%
0.00%	0	0.00%	0	0.00%
0.00%	0	0.00%	0	0.00%
0.00%	0	0.00%	0	0.00%
0.00%	0	0.00%	0	0.00%
0.00%	0	0.00%	0	0.00%
0.00%	0	0.00%	0	0.00%

year				
RIM-2 year		RIM-3 year		
% of Savings	kW	% of Savings	kW	% of Savings
0.00%	0	0.00%	0	0.00%
100.00%	930,923	100.00%	808,289	100.00%
0.00%	0	0.00%	0	0.00%
0.00%	0	0.00%	0	0.00%
0.00%	0	0.00%	0	0.00%
0.00%	0	0.00%	0	0.00%
0.00%	0	0.00%	0	0.00%
0.00%	0	0.00%	0	0.00%

year				
RIM-2 year		RIM-3 year		
% of Savings	kW	% of Savings	kW	% of Savings
100.00%	522,315	100.00%	487,215	100.00%
0.00%	0	0.00%	0	0.00%
0.00%	0	0.00%	0	0.00%
0.00%	0	0.00%	0	0.00%
0.00%	0	0.00%	0	0.00%
0.00%	0	0.00%	0	0.00%
0.00%	0	0.00%	0	0.00%
0.00%	0	0.00%	0	0.00%



Low Fuel Cost

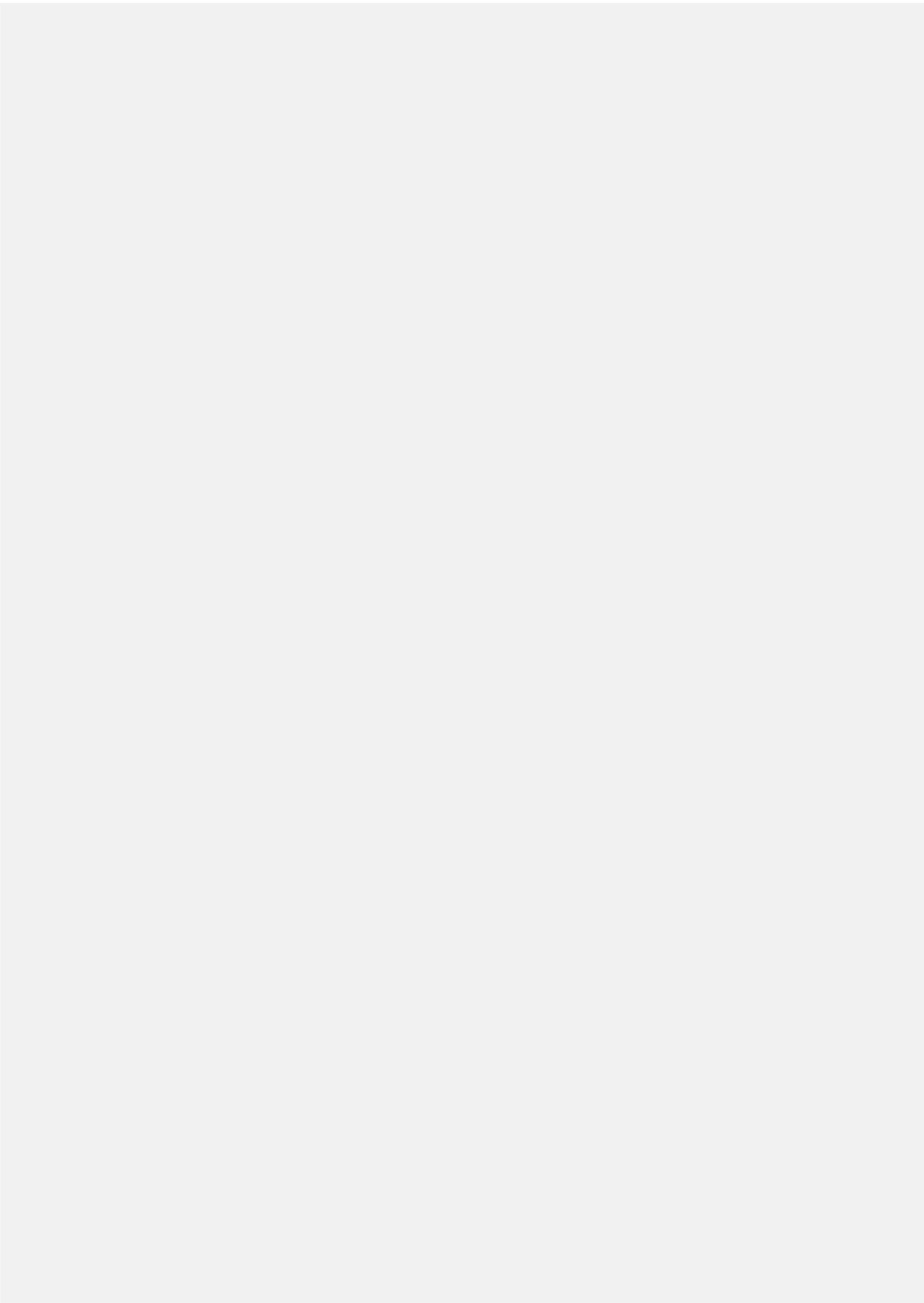
TRC-2 year		RIM-2 year	
kWh	% of Savings	kWh	% of Savings
387,639,385	18.13%	386,006,708	24.01%
1,156,869,051	54.12%	1,221,646,356	75.99%
9,819,761	0.46%	0	0.00%
491,939,075	23.01%	0	0.00%
28,308,821	1.32%	0	0.00%
0	0.00%	0	0.00%
0	0.00%	0	0.00%
63,105,616	2.95%	0	0.00%

Low Fuel Cost

TRC-2 year		RIM-2 year	
kW	% of Savings	kW	% of Savings
0	0.00%	0	0.00%
904,390	93.27%	930,923	100.00%
884	0.09%	0	0.00%
43,272	4.46%	0	0.00%
11,657	1.20%	0	0.00%
0	0.00%	0	0.00%
0	0.00%	0	0.00%
9,437	0.97%	0	0.00%

Low Fuel Cost

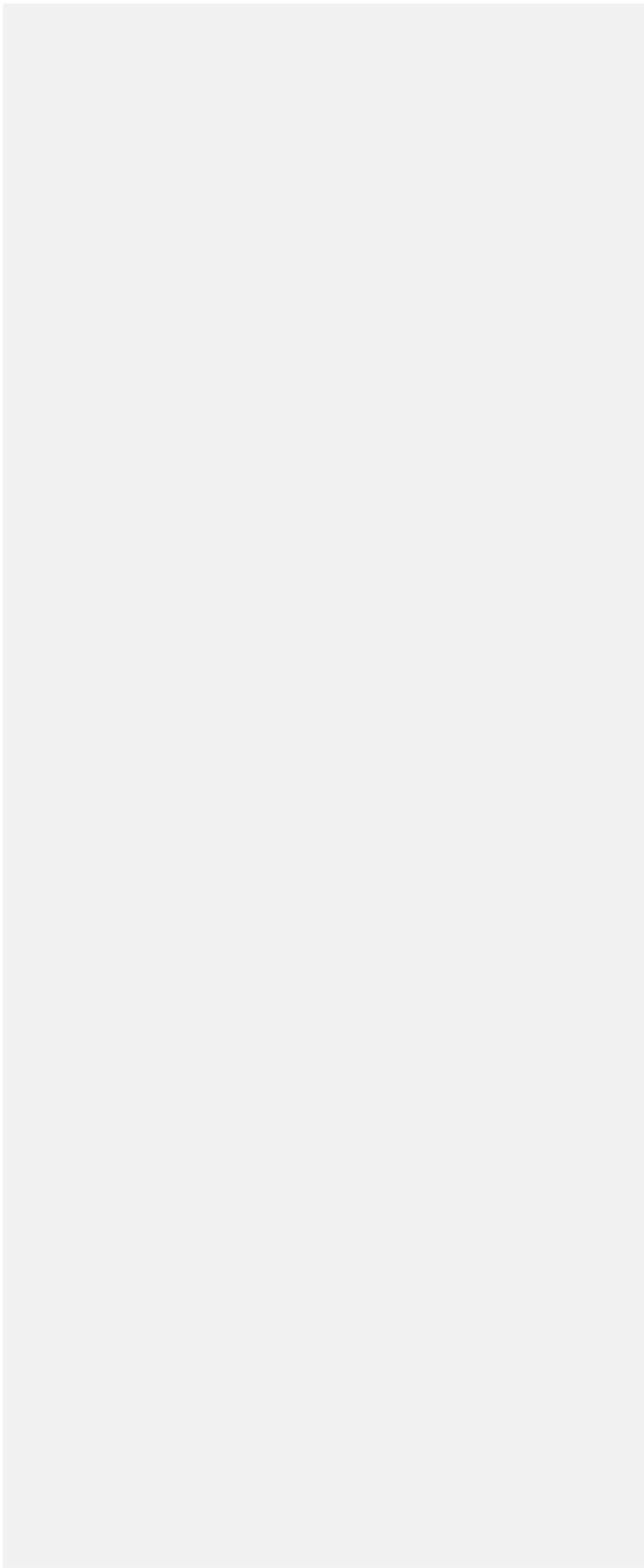
TRC-2 year		RIM-2 year	
kW	% of Savings	kW	% of Savings
489,705	89.10%	522,315	100.00%
0	0.00%	0	0.00%
1,904	0.35%	0	0.00%
45,432	8.27%	0	0.00%
1,943	0.35%	0	0.00%
0	0.00%	0	0.00%
0	0.00%	0	0.00%
10,632	1.93%	0	0.00%



High Fuel Cost				
TRC-2 year		RIM-2 year		TRC-2 y
kWh	% of Savings	kWh	% of Savings	kWh
391,140,773	14.52%	390,187,333	23.03%	387,878,589
1,211,510,024	44.99%	1,303,955,454	76.97%	1,158,101,206
457,799,405	17.00%	0	0.00%	9,819,761
491,939,074	18.27%	0	0.00%	491,939,075
28,308,821	1.05%	0	0.00%	28,308,821
0	0.00%	0	0.00%	0
0	0.00%	0	0.00%	0
112,425,925	4.17%	0	0.00%	112,425,925

High Fuel Cost				
TRC-2 year		RIM-2 year		TRC-2 y
kW	% of Savings	kW	% of Savings	kW
0	0.00%	0	0.00%	0
939,081	89.89%	979,100	100.00%	903,946
41,214	3.95%	0	0.00%	884
43,272	4.14%	0	0.00%	43,272
11,657	1.12%	0	0.00%	11,657
0	0.00%	0	0.00%	0
0	0.00%	0	0.00%	0
9,437	0.90%	0	0.00%	9,437

High Fuel Cost				
TRC-2 year		RIM-2 year		TRC-2 y
kW	% of Savings	kW	% of Savings	kW
495,443	72.99%	531,216	100.00%	489,978
0	0.00%	0	0.00%	0
125,318	18.46%	0	0.00%	1,904
45,432	6.69%	0	0.00%	45,432
1,943	0.29%	0	0.00%	1,943
0	0.00%	0	0.00%	0
0	0.00%	0	0.00%	0
10,632	1.57%	0	0.00%	10,632



Mid Fuel Cost w CO2		
Year		
RIM-2 year		
% of Savings	kWh	% of Savings
17.72%	386,006,708	24.01%
52.92%	1,221,646,356	75.99%
0.45%	0	0.00%
22.48%	0	0.00%
1.29%	0	0.00%
0.00%	0	0.00%
0.00%	0	0.00%
5.14%	0	0.00%

Mid Fuel Cost w CO2		
Year		
RIM-2 year		
% of Savings	kW	% of Savings
0.00%	0	0.00%
93.27%	930,923	100.00%
0.09%	0	0.00%
4.46%	0	0.00%
1.20%	0	0.00%
0.00%	0	0.00%
0.00%	0	0.00%
0.97%	0	0.00%

Mid Fuel Cost w CO2		
Year		
RIM-2 year		
% of Savings	kW	% of Savings
89.10%	522,315	100.00%
0.00%	0	0.00%
0.35%	0	0.00%
8.26%	0	0.00%
0.35%	0	0.00%
0.00%	0	0.00%
0.00%	0	0.00%
1.93%	0	0.00%

Summary Tab

Section 1. Forecasted Sales by Utility (kWh)

DEF	
2020	12,183,162,952

Section 2. Potential Savings and as a Percentage of Sales

	Base Fuel						Low Fuel		High Fuel		Mid Fuel w CO2	
	TRC-1 year	TRC-2 year	TRC-3 year	RIM-1 year	RIM-2 year	RIM-3 year	TRC-2 year	RIM-2 year	TRC-2 year	RIM-2 year	TRC-2 year	RIM-2 year
Energy Savings (kWh)	1,287,814,909	833,710,940	450,847,943	399,425,901	290,131,562	241,152,215	827,533,435	288,810,795	947,829,205	275,693,040	833,751,080	311,876,413
Saving Percentage (%)	10.57%	6.84%	3.70%	3.28%	2.38%	1.98%	6.79%	2.37%	7.78%	2.26%	6.84%	2.56%
Summer Peak Savings (kW)	286,885	201,813	141,619	133,397	104,337	97,613	200,943	104,200	210,830	93,951	201,803	112,105
Winter Peak Savings (kW)	194,920	74,246	36,234	90,490	42,244	24,552	73,245	41,470	76,226	42,244	74,247	42,244

**** Start Year Sales by Industry - Breakdown by Utility

Start Year Sales by End Use		
TRC-1 year		
Industry	kWh	% of Sales
Assembly	393,516,163	3.23%
College and University	48,732,652	0.40%
Grocery	1,017,294,106	8.35%
Healthcare	575,045,291	4.72%
Hospitals	645,707,636	5.30%
Institutional	432,502,285	3.55%
Lodging/Hospitality	1,143,999,001	9.39%
Miscellaneous	1,921,284,798	15.77%
Offices	2,182,004,485	17.91%
Restaurants	1,215,879,663	9.98%
Retail	2,069,919,386	16.99%
Schools K-12	134,014,792	1.10%
Warehouse	403,262,694	3.31%

Section 3. Start Year Sales by End Use - Breakdown by Utility

Start Year Sales by End Use		
TRC-1 year		
End Use	kWh	% of Sales
Interior Lighting	3,244,291,718	26.63%
Exterior Lighting	623,902,253	5.12%
Office Equipment	623,986,790	5.12%
Cooking	193,802,049	1.59%
Refrigeration	941,022,980	7.72%
Space Heating	126,130,657	1.04%
Space Cooling	2,938,770,584	24.12%
Ventilation and Circulation	1,064,637,459	8.74%
Domestic Hot Water	177,232,772	1.45%
Miscellaneous	2,249,385,689	18.46%

Section 4. Energy Potentials by End Use - Breakdown by Utility

Energy Potential by End Use	Base Fuel												Low Fuel				High Fuel				Mid Fuel w CO2			
	TRC-1 year		TRC-2 year		TRC-3 year		RIM-1 year		RIM-2 year		RIM-3 year		TRC-2 year		RIM-2 year		TRC-2 year		RIM-2 year		TRC-2 year		RIM-2 year	
End Use	kWh	% of Savings	kWh	% of Savings	kWh	% of Savings																		
Interior Lighting	358,695,519	27.85%	114,661,782	13.75%	25,349,643	5.62%	32,882,569	8.23%	0	0.00%	0	0.00%	112,428,306	13.59%	0	0.00%	137,914,471	14.55%	0	0.00%	114,661,782	13.75%	0	0.00%
Exterior Lighting	11,561,961	0.90%	671,276	0.08%	367,154	0.08%	6,323,571	1.58%	0	0.00%	0	0.00%	671,276	0.08%	0	0.00%	54,301,974	5.73%	0	0.00%	671,276	0.08%	0	0.00%
Office Equipment	4,078,467	0.32%	938,668	0.11%	938,668	0.11%	0	0.00%	0	0.00%	0	0.00%	938,668	0.11%	0	0.00%	938,668	0.10%	0	0.00%	938,668	0.11%	0	0.00%
Cooking	20,880,451	1.62%	18,792,194	2.25%	13,859,008	3.07%	0	0.00%	0	0.00%	0	0.00%	18,792,194	2.27%	0	0.00%	18,792,194	1.98%	0	0.00%	18,792,194	2.25%	0	0.00%
Refrigeration	153,911,764	11.95%	107,221,349	12.86%	31,928,503	7.08%	5,845,727	1.46%	0	0.00%	0	0.00%	107,221,349	12.96%	0	0.00%	110,564,897	11.67%	0	0.00%	107,221,349	12.86%	0	0.00%
Space Heating	14,741,640	1.14%	12,928,526	1.55%	9,771,959	2.17%	9,357,516	2.34%	6,792,075	2.34%	6,314,415	2.62%	12,708,599	1.54%	6,792,075	2.35%	17,624,732	1.86%	7,532,133	2.73%	12,928,526	1.55%	7,575,765	2.43%
Space Cooling	470,187,948	36.51%	425,380,353	51.02%	247,211,093	54.83%	226,546,876	56.72%	199,531,408	68.77%	180,629,125	74.90%	423,127,529	51.13%	199,531,408	69.09%	450,124,369	47.49%	215,115,524	78.03%	425,420,494	51.02%	220,492,568	70.70%
Ventilation and Circulation	77,621,710	6.03%	54,066,803	6.49%	23,908,138	5.30%	71,206,584	17.83%	53,045,383	18.28%	23,445,980	9.72%	52,746,036	6.37%	51,724,616	17.91%	54,208,077	5.72%	53,045,383	19.24%	54,066,803	6.48%	53,045,383	17.01%
Domestic Hot Water	32,182,239	2.50%	5,529,965	0.66%	5,162,371	1.15%	1,793,681	0.45%	0	0.00%	0	0.00%	5,529,965	0.67%	0	0.00%	9,839,800	1.04%	0	0.00%	5,529,965	0.66%	0	0.00%
Miscellaneous	143,953,211	11.18%	93,520,024	11.22%	92,351,407	20.48%	45,469,378	11.38%	30,762,696	10.60%	30,762,696	12.76%	93,369,513	11.28%	30,762,696	10.65%	93,520,024	9.87%	0	0.00%	93,520,024	11.22%	30,762,696	9.86%

Section 5. Summer Peak Demand Potentials by End Use - Breakdown by Utility

Summer Peak Potentials by End Use	Base Fuel												Low Fuel				High Fuel				Mid Fuel w CO2			
	TRC-1 year		TRC-2 year		TRC-3 year		RIM-1 year		RIM-2 year		RIM-3 year		TRC-2 year		RIM-2 year		TRC-2 year		RIM-2 year		TRC-2 year		RIM-2 year	
End Use	kW	% of Savings	kW	% of Savings	kW	% of Savings																		
Interior Lighting	70,004	24.40%	22,943	11.37%	6,149	4.34%	10,152	7.61%	0	0.00%	0	0.00%	22,654	11.27%	0	0.00%	25,034	11.87%	0	0.00%	22,943	11.37%	0	0.00%
Exterior Lighting	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Office Equipment	600	0.21%	107	0.05%	107	0.08%	0	0.00%	0	0.00%	0	0.00%	107	0.05%	0	0.00%	107	0.05%	0	0.00%	107	0.05%	0	0.00%
Cooking	3,998	1.39%	3,659	1.81%	2,552	1.80%	0	0.00%	0	0.00%	0	0.00%	3,659	1.82%	0	0.00%	3,659	1.74%	0	0.00%	3,659	1.81%	0	0.00%
Refrigeration	22,314	7.78%	15,677	7.77%	4,361	3.08%	1,805	1.35%	0	0.00%	0	0.00%	15,677	7.80%	0	0.00%	16,175	7.67%	0	0.00%	15,677	7.77%	0	0.00%
Space Heating	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Space Cooling	140,556	48.99%	126,957	62.91%	99,587	70.32%	90,479	67.83%	81,958	78.55%	78,316	80.23%	126,513	62.96%	81,958	78.65%	132,953	63.06%	88,428	94.12%	126,946	62.91%	89,726	80.04%
Ventilation and Circulation	9,987	3.48%	5,756	2.85%	2,518	1.78%	9,090	6.81%	5,523	5.29%	2,441	2.50%	5,618	2.80%	5,385	5.17%	5,774	2.74%	5,523	5.88%	5,756	2.85%	5,523	4.93%
Domestic Hot Water	3,082	1.07%	455	0.23%	388	0.27%	54	0.42%	0	0.00%	0	0.00%	455	0.23%	0	0.00%	869	0.41%	0	0.00%	455	0.23%	0	0.00%
Miscellaneous	36,343	12.67%	26,260	13.01%	25,956	18.33%	21,317	15.98%	16,856	16.16%	16,856	17.27%	26,260	13.07%	16,856	16.18%	26,260	12.46%	0	0.00%	26,260	13.01%	16,856	15.04%

Section 6. Winter Peak Demand Potentials by End Use - Breakdown by Utility

Winter Peak Potentials by End Use	Base Fuel												Low Fuel				High Fuel				Mid Fuel w CO2			
	TRC-1 year		TRC-2 year		TRC-3 year		RIM-1 year		RIM-2 year		RIM-3 year		TRC-2 year		RIM-2 year		TRC-2 year		RIM-2 year		TRC-2 year		RIM-2 year	

End Use	kW	% of Savings																						
Interior Lighting	77,116	39.56%	15,725	21.18%	2,109	5.82%	19,671	21.74%	0	0.00%	0	0.00%	15,550	21.23%	0	0.00%	16,203	21.26%	0	0.00%	15,725	21.18%	0	0.00%
Exterior Lighting	6,452	3.31%	302	0.41%	190	0.53%	3,783	4.18%	0	0.00%	0	0.00%	302	0.41%	0	0.00%	302	0.40%	0	0.00%	302	0.41%	0	0.00%
Office Equipment	445	0.23%	107	0.14%	107	0.30%	0	0.00%	0	0.00%	0	0.00%	107	0.15%	0	0.00%	107	0.14%	0	0.00%	107	0.14%	0	0.00%
Cooking	1,833	0.94%	1,656	2.23%	1,235	3.41%	0	0.00%	0	0.00%	0	0.00%	1,656	2.26%	0	0.00%	1,656	2.17%	0	0.00%	1,656	2.23%	0	0.00%
Refrigeration	13,434	6.89%	6,813	9.18%	1,418	3.91%	3,497	3.86%	0	0.00%	0	0.00%	6,813	9.30%	0	0.00%	7,084	9.29%	0	0.00%	6,813	9.18%	0	0.00%
Space Heating	12,417	6.37%	12,228	16.47%	11,743	32.41%	11,629	12.85%	11,151	26.40%	10,809	44.02%	12,177	16.62%	11,151	26.89%	13,295	17.44%	11,151	26.40%	12,228	16.47%	11,150	26.39%
Space Cooling	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Ventilation and Circulation	44,180	22.67%	31,498	42.42%	13,983	38.59%	41,838	46.23%	31,093	73.60%	13,743	55.98%	30,723	41.95%	30,319	73.11%	31,510	41.34%	31,093	73.60%	31,498	42.42%	31,093	73.61%
Domestic Hot Water	9,345	4.79%	150	0.20%	68	0.19%	1,073	1.19%	0	0.00%	0	0.00%	150	0.21%	0	0.00%	300	0.39%	0	0.00%	150	0.20%	0	0.00%
Miscellaneous	29,697	15.24%	5,768	7.77%	5,381	14.85%	8,999	9.94%	0	0.00%	0	0.00%	5,767	7.87%	0	0.00%	5,768	7.57%	0	0.00%	5,768	7.77%	0	0.00%

Summary Tab

Section 1. Forecasted Sales by Utility (kWh)

DEF	
2020	3,385,766,670

Section 2. Potential Savings and as a Percentage of Sales

	Base Fuel			Low Fuel		High Fuel		Mid Fuel w CO2	
	TRC-1 year	TRC-2 year	TRC-3 year	TRC-2 year	RIM-2 year	TRC-2 year	RIM-2 year	TRC-2 year	RIM-2 year
Energy Savings (kWh)	306,793,562	145,979,456	69,698,620	145,545,609		149,694,217		145,979,456	
Saving Percentage (%)	9.06%	4.31%	2.06%	4.30%		4.42%		4.31%	
Summer Peak Savings (kW)	41,927	20,429	9,874	20,370		20,939		20,429	
Winter Peak Savings (kW)	40,855	19,883	9,607	19,825		20,380		19,883	

**** Start Year Sales by Industry - Breakdown by Utility

Start Year Sales by End Use		DEF	
Industry	kWh	% of Sales	
Agriculture and Assembly	458,476,994	13.54%	
Chemicals and Plastics	734,468,249	21.69%	
Construction	107,755,924	3.18%	
Electrical and Electronic Equip.	154,810,889	4.57%	
Lumber/Furniture/Pulp/Paper	356,487,379	10.53%	
Metal Products and Machinery	133,740,990	3.95%	
Miscellaneous Manufacturing	265,731,119	7.85%	
Primary Resources Industries	788,054,018	23.28%	
Stone/Clay/Glass/Concrete	271,653,500	8.02%	
Textiles and Leather	4,927,200	0.15%	
Transportation Equipment	108,340,660	3.20%	
Water and Wastewater	1,319,748	0.04%	
Large Commercial			

Section 3. Start Year Sales by End Use - Breakdown by End Use

Start Year Sales by End Use		DEF	
End Use	kWh	% of Sales	
Process Heating	574,087,958	16.96%	
Process Cooling	267,561,773	7.90%	
Compressed Air	405,224,735	11.97%	
Motors Pumps	658,490,194	19.45%	
Motors Fans Blowers	405,224,735	11.97%	
Process Specific	328,988,213	9.72%	
Industrial Lighting	213,559,402	6.31%	
HVAC	334,952,792	9.89%	
Other	173,375,282	5.12%	
Exterior Lighting	24,301,587	0.72%	

Section 4. Energy Potentials by End Use - Breakdown by Utility

Energy Potential by End Use	Base Fuel						Low Fuel			High Fuel			Mid Fuel w CO2					
	TRC-1 year	TRC-2 year		TRC-3 year		TRC-2 year		RIM-2 year		TRC-2 year		RIM-2 year		TRC-2 year		RIM-2 year		
End Use	kWh	% of Savings	kWh	% of Savings	kWh	% of Savings	kWh	% of Savings	kWh	% of Savings	kWh	% of Savings	kWh	% of Savings	kWh	% of Savings	kWh	% of Savings
Process Heating	21,535,942	7.02%	17,483,173	11.98%	464,242	0.67%			17,049,326	11.71%			17,483,173	11.68%			17,483,173	11.98%
Process Cooling	17,268,390	5.63%	1,861,669	1.28%	738,562	1.06%			1,861,669	1.28%			4,966,099	3.32%			1,861,669	1.28%
Compressed Air	48,584,122	15.84%	7,915,549	5.42%	0	0.00%			7,915,549	5.44%			7,915,549	5.29%			7,915,549	5.42%
Motors Pumps	65,051,925	21.20%	23,367,351	16.01%	7,982,920	11.45%			23,367,351	16.06%			23,921,165	15.98%			23,367,351	16.01%
Motors Fans Blowers	21,162,716	6.90%	6,472,816	4.43%	0	0.00%			6,472,816	4.45%			6,472,816	4.32%			6,472,816	4.43%
Process Specific	2,271,784	0.74%	0	0.00%	0	0.00%			0	0.00%			56,517	0.04%			0	0.00%
Industrial Lighting	81,557,470	26.58%	73,194,725	50.14%	47,434,296	68.06%			73,194,725	50.29%			73,194,725	48.90%			73,194,725	50.14%
HVAC	40,533,861	13.21%	15,684,172	10.74%	13,078,600	18.76%			15,684,172	10.78%			15,684,172	10.48%			15,684,172	10.74%
Other	4,884,296	1.59%	0	0.00%	0	0.00%			0	0.00%			0	0.00%			0	0.00%
Exterior Lighting	3,943,056	1.29%	0	0.00%	0	0.00%			0	0.00%			0	0.00%			0	0.00%

Section 5. Summer Peak Demand Potentials by End Use - Breakdown by Utility

Summer Peak Potentials by End Use	Base Fuel						Low Fuel			High Fuel			Mid Fuel w CO2					
	TRC-1 year	TRC-2 year		TRC-3 year		TRC-2 year		RIM-2 year		TRC-2 year		RIM-2 year		TRC-2 year		RIM-2 year		
End Use	kW	% of Savings	kW	% of Savings	kW	% of Savings	kW	% of Savings	kW	% of Savings	kW	% of Savings	kW	% of Savings	kW	% of Savings	kW	% of Savings
Process Heating	2,965	7.07%	2,407	11.78%	64	0.65%			2,347	11.52%			2,407	11.49%			2,407	11.78%
Process Cooling	2,377	5.67%	256	1.25%	102	1.03%			256	1.26%			684	3.27%			256	1.25%
Compressed Air	6,542	15.60%	1,066	5.22%	0	0.00%			1,066	5.23%			1,066	5.09%			1,066	5.22%
Motors Pumps	8,760	20.89%	3,147	15.40%	1,075	10.89%			3,147	15.45%			3,221	15.38%			3,147	15.40%
Motors Fans Blowers	2,850	6.80%	872	4.27%	0	0.00%			872	4.28%			872	4.16%			872	4.27%
Process Specific	313	0.75%	0	0.00%	0	0.00%			0	0.00%			8	0.04%			0	0.00%
Industrial Lighting	11,641	27.77%	10,448	51.14%	6,771	68.57%			10,448	51.29%			10,448	49.90%			10,448	51.14%
HVAC	5,774	13.77%	2,234	10.94%	1,863	18.87%			2,234	10.97%			2,234	10.67%			2,234	10.94%
Other	705	1.68%	0	0.00%	0	0.00%			0	0.00%			0	0.00%			0	0.00%
Exterior Lighting	0	0.00%	0	0.00%	0	0.00%			0	0.00%			0	0.00%			0	0.00%

Section 6. Winter Peak Demand Potentials by End Use - Breakdown by Utility

Winter Peak Potentials by End Use	Base Fuel						Low Fuel			High Fuel			Mid Fuel w CO2					
	TRC-1 year	TRC-2 year		TRC-3 year		TRC-2 year		RIM-2 year		TRC-2 year		RIM-2 year		TRC-2 year		RIM-2 year		
End Use	kW	% of Savings	kW	% of Savings	kW	% of Savings	kW	% of Savings	kW	% of Savings	kW	% of Savings	kW	% of Savings	kW	% of Savings	kW	% of Savings
Process Heating	2,892	7.08%	2,348	11.81%	62	0.65%			2,289	11.55%			2,348	11.52%			2,348	11.81%
Process Cooling	2,319	5.68%	250	1.26%	99	1.03%			250	1.26%			667	3.27%			250	1.26%
Compressed Air	6,370	15.59%	1,038	5.22%	0	0.00%			1,038	5.23%			1,038	5.09%			1,038	5.22%
Motors Pumps	8,529	20.88%	3,064	15.41%	1,047	10.89%			3,064	15.45%			3,136	15.39%			3,064	15.41%
Motors Fans Blowers	2,775	6.79%	849	4.27%	0	0.00%			849	4.28%			849	4.16%			849	4.27%
Process Specific	305	0.75%	0	0.00%	0	0.00%			0	0.00%			8	0.04%			0	0.00%
Industrial Lighting	11,316	27.70%	10,155	51.08%	6,581	68.50%			10,155	51.23%			10,155	49.83%			10,155	51.08%
HVAC	5,634	13.79%	2,180	10.96%	1,818	18.92%			2,180	11.00%			2,180	10.70%			2,180	10.96%
Other	717	1.75%	0	0.00%	0	0.00%			0	0.00%			0	0.00%			0	0.00%
Exterior Lighting	0	0.00%	0	0.00%	0	0.00%			0	0.00%			0	0.00%			0	0.00%