

**AUSLEY & MCMULLEN**

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RECEIVED-FPSC

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10 JUN -4 PM 2:18

COMMISSION  
CLERK

June 4, 2010

HAND DELIVERED

Ms. Ann Cole, Director  
Division of Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0850

Re: Petition for Approval of Demand-side Management Plan of Tampa Electric Company; FPSC Docket No. 100159-EI

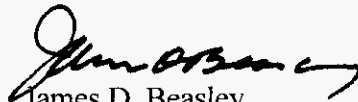
Dear Ms. Cole:

Enclosed for filing in the above docket are the original and five copies of Tampa Electric Company's answers to the Florida Public Service Commission Staff's Data Request No. 1, propounded and served by U. S. Mail on May 7, 2010.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

Sincerely,

  
James D. Beasley

JDB/pp

COM Enclosure

APA \_\_\_\_\_

FOR cc: Katherine E. Fleming

GOL 2+CDs

RAD 3+CDs

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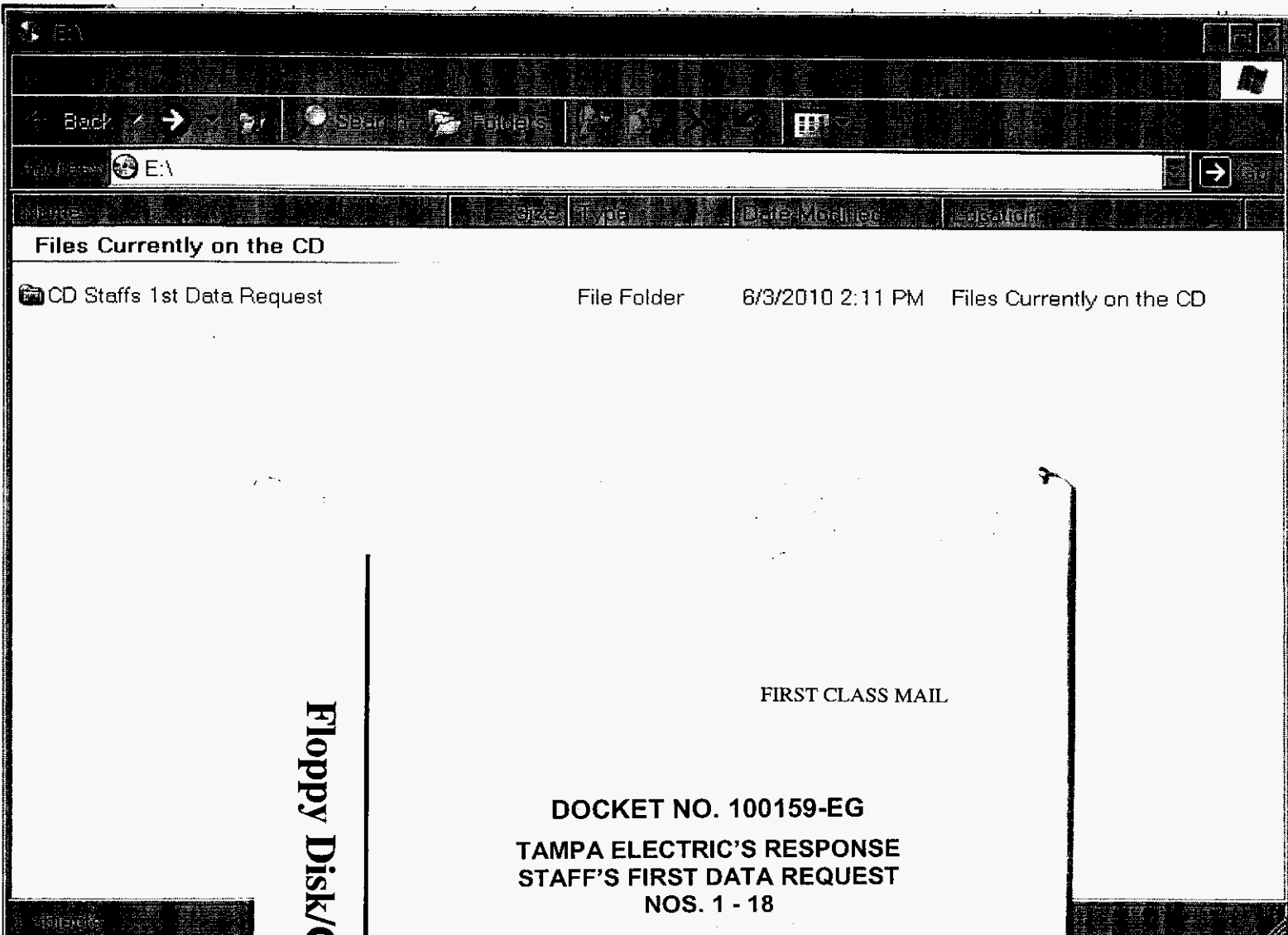
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DOCUMENT NUMBER-DATE

04686 JUN-4 2

FPSC-COMMISSION CLERK



**Floppy Disk/CD Mailer**

FIRST CLASS MAIL

**DOCKET NO. 100159-EG  
TAMPA ELECTRIC'S RESPONSE  
STAFF'S FIRST DATA REQUEST  
NOS. 1 - 18**

DOCUMENT NUMBER-DATE  
04686 JUN-4 2010  
FPSC-COMMISSION CLERK

AVOID EXPOSURE TO ALL MAGNETIC FIELDS

**TAMPA ELECTRIC COMPANY  
DOCKET NO. 100159-EI  
STAFF'S DATA REQUEST  
REQUEST NO. 1  
PAGE 1 OF 1  
FILED: JUNE 4, 2010**

1. Please provide, on an individual program basis, the following tables and forms included in the Company's petition. Please provide an electronic copy in Excel (.xls file format).
  - a. Program Participation Values
  - b. Program & Individual Measure Savings @ the Meter
  - c. Program & Individual Measure Savings @ the Generator
  - d. PSC Form CE 1.1 (Financial Assumptions)
  - e. PSC Form CE 2.3 (Total Resource Cost Test)
  - f. PSC Form CE 2.4 (Participant Costs and Benefits)
  - g. PSC Form CE 2.5 (Rate Impact Measure Test)
  
- A. The information requested was previously provided in Tampa Electric's 2010 – 2019 DSM Plan filed with the Commission on March 30, 2010. Electronic copies are provided in the attached Excel file.

For the following questions (2-5), please provide the name of each program, indicate the customer category of the program, and whether it represents an energy efficiency, demand response, or renewable program. Please include all programs on a single table, adding columns as necessary.

2. Please provide, on an individual program basis, the cumulative projected savings over the period 2010 through 2019. As part of this response, please also provide the percentage of the Commission's Authorized Goals and the Company's proposed demand and energy savings met by the program. Please complete the table below and provide an electronic copy in Excel (.xls file format) with the hard copy response.

<b>Program Information - Savings</b>	
Program Name	-
Customer Category	(Res/Com/Ind)
Program Type	(EE / DR / RE)
<b>Program Estimate</b>	
Summer Demand	(MW)
Winter Demand	(MW)
Annual Energy	(GWh)
<b>% of Commission Authorized Goal</b>	
Summer Demand	(%)
Winter Demand	(%)
Annual Energy	(%)

- A. The requested information is provided in the tables below and in the attached Excel file.

Residential

Program Information - Savings	
Program Name	Walk-Through Audit
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	3.740
Winter Demand (MW)	5.079
Annual Energy (GWH)	25.846
% of Commission Authorized Goal	
Summer Demand (%)	4.34%
Winter Demand (%)	5.36%
Annual Energy (%)	14.05%

Program Information - Savings	
Program Name	Customer Assisted Audit
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	0.588
Winter Demand (MW)	0.883
Annual Energy (GWH)	4.737
% of Commission Authorized Goal	
Summer Demand (%)	0.68%
Winter Demand (%)	0.93%
Annual Energy (%)	2.57%

Program Information - Savings	
Program Name	Computer-Assisted Audit
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	0.0005
Winter Demand (MW)	0.0007
Annual Energy (GWH)	0.0057
% of Commission Authorized Goal	
Summer Demand (%)	0.00%
Winter Demand (%)	0.00%
Annual Energy (%)	0.00%

Program Information - Savings	
Program Name	Phone Assisted Audit
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	0.012
Winter Demand (MW)	0.172
Annual Energy (GWH)	0.077
% of Commission Authorized Goal	
Summer Demand (%)	0.01%
Winter Demand (%)	0.18%
Annual Energy (%)	0.04%

Program Information - Savings	
Program Name	Heating & Cooling
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	10.515
Winter Demand (MW)	15.188
Annual Energy (GWH)	27.475
% of Commission Authorized Goal	
Summer Demand (%)	12.21%
Winter Demand (%)	16.04%
Annual Energy (%)	14.93%

Program Information - Savings	
Program Name	Electronically Commutated Motors
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	2.505
Winter Demand (MW)	2.326
Annual Energy (GWH)	6.262
% of Commission Authorized Goal	
Summer Demand (%)	2.91%
Winter Demand (%)	2.46%
Annual Energy (%)	3.40%

Program Information - Savings	
Program Name	HVAC Re-commissioning
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>Program Estimate</b>	
	11.368
Winter Demand (MW)	9.237
Annual Energy (GWH)	25.081
<b>% of Commission Authorized Goal</b>	
Summer Demand (%)	13.20%
Winter Demand (%)	9.75%
Annual Energy (%)	13.63%

Program Information - Savings	
Program Name	Duct Repair
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>Program Estimate</b>	
Summer Demand (MW)	15.777
Winter Demand (MW)	19.721
Annual Energy (GWH)	26.572
<b>% of Commission Authorized Goal</b>	
Summer Demand (%)	18.32%
Winter Demand (%)	20.82%
Annual Energy (%)	14.44%

Program Information - Savings	
Program Name	Building Envelope
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>Program Estimate</b>	
Summer Demand (MW)	11.177
Winter Demand (MW)	8.123
Annual Energy (GWH)	17.943
<b>% of Commission Authorized Goal</b>	
Summer Demand (%)	12.98%
Winter Demand (%)	8.58%
Annual Energy (%)	9.75%

Program Information - Savings	
Program Name	New Construction
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	2.779
Winter Demand (MW)	2.040
Annual Energy (GWH)	5.618
% of Commission Authorized Goal	
Summer Demand (%)	3.23%
Winter Demand (%)	2.15%
Annual Energy (%)	3.05%

Program Information - Savings	
Program Name	Neighborhood Weatherization and Agenct Outreach
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	7.450
Winter Demand (MW)	7.564
	15.578
% of Commission Authorized Goal	
Summer Demand (%)	8.65%
Winter Demand (%)	7.99%
Annual Energy (%)	8.47%

Program Information - Savings	
Program Name	Education Outreach
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	1.418
Winter Demand (MW)	2.127
Annual Energy (GWH)	9.018
% of Commission Authorized Goal	
Summer Demand (%)	1.65%
Winter Demand (%)	2.25%
Annual Energy (%)	4.90%



Program Information - Savings	
Program Name	Energy Planner
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE/DR
Program Estimate	
Summer Demand (MW)	28.995
Winter Demand (MW)	44.943
Annual Energy (GWH)	16.636
% of Commission Authorized Goal	
Summer Demand (%)	33.68%
Winter Demand (%)	47.46%
Annual Energy (%)	9.04%

Commercial

Program Information - Savings	
Program Name	Free Audit
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	1.159
Winter Demand (MW)	0.927
Annual Energy (GWH)	6.132
% of Commission Authorized Goal	
Summer Demand (%)	2.22%
Winter Demand (%)	6.39%
Annual Energy (%)	3.48%

Program Information - Savings	
Program Name	Paid Audit
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	0.001
Winter Demand (MW)	0.001
Annual Energy (GWH)	0.007
% of Commission Authorized Goal	
Summer Demand (%)	0.00%
Winter Demand (%)	0.01%
Annual Energy (%)	0.00%

Program Information - Savings	
Program Name	Duct Repair
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	2.440
Winter Demand (MW)	0.575
Annual Energy (GWH)	53.148
% of Commission Authorized Goal	
Summer Demand (%)	4.68%
Winter Demand (%)	3.97%
Annual Energy (%)	30.15%

Program Information - Savings	
Program Name	Building Envelope
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	0.865
Winter Demand (MW)	0.030
Annual Energy (GWH)	1.306
% of Commission Authorized Goal	
Summer Demand (%)	1.66%
Winter Demand (%)	0.21%
Annual Energy (%)	0.74%

Program Information - Savings	
Program Name	Energy Efficient Motors
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	0.190
Winter Demand (MW)	0.190
Annual Energy (GWH)	0.462
% of Commission Authorized Goal	
Summer Demand (%)	0.36%
Winter Demand (%)	1.31%
Annual Energy (%)	0.26%

Program Information - Savings	
Program Name	Cooling
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	3.810
Winter Demand (MW)	0.000
Annual Energy (GWH)	7.477
% of Commission Authorized Goal	
Summer Demand (%)	7.31%
Winter Demand (%)	0.00%
Annual Energy (%)	4.24%

Program Information - Savings	
Program Name	Chiller
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	5.330
Winter Demand (MW)	3.950
Annual Energy (GWH)	10.143
% of Commission Authorized Goal	
Summer Demand (%)	10.23%
Winter Demand (%)	27.24%
Annual Energy (%)	5.75%

Program Information - Savings	
Program Name	Lighting
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	13.540
Winter Demand (MW)	7.638
Annual Energy (GWH)	59.693
% of Commission Authorized Goal	
Summer Demand (%)	25.99%
Winter Demand (%)	52.68%
Annual Energy (%)	33.86%

Program Information - Savings	
Program Name	Lighting Occupancy Sensors
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	0.412
Winter Demand (MW)	0.245
Annual Energy (GWH)	2.100
% of Commission Authorized Goal	
Summer Demand (%)	0.79%
Winter Demand (%)	1.69%
Annual Energy (%)	1.19%

Program Information - Savings	
Program Name	Water Heating
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	0.014
Winter Demand (MW)	0.004
Annual Energy (GWH)	0.101
% of Commission Authorized Goal	
Summer Demand (%)	0.03%
Winter Demand (%)	0.03%
Annual Energy (%)	0.06%

Program Information - Savings	
Program Name	Conservation Value
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	1.259
Winter Demand (MW)	0.683
Annual Energy (GWH)	6.005
% of Commission Authorized Goal	
Summer Demand (%)	2.42%
Winter Demand (%)	4.71%
Annual Energy (%)	3.41%

Program Information - Savings	
Program Name	Commercial Load Management
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	DR
Program Estimate	
Summer Demand (MW)	1.570
Winter Demand (MW)	0.640
Annual Energy (GWH)	0.000
% of Commission Authorized Goal	
Summer Demand (%)	3.01%
Winter Demand (%)	4.41%
Annual Energy (%)	0.00%

Program Information - Savings	
Program Name	Demand Response
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	DR
Program Estimate	
Summer Demand (MW)	5.330
Winter Demand (MW)	5.325
Annual Energy (GWH)	0.397
% of Commission Authorized Goal	
Summer Demand (%)	10.23%
Winter Demand (%)	36.72%
Annual Energy (%)	0.23%

Program Information - Savings	
Program Name	Standby Generator
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	DR
Program Estimate	
Summer Demand (MW)	12.060
Winter Demand (MW)	10.991
Annual Energy (GWH)	1.188
% of Commission Authorized Goal	
Summer Demand (%)	23.15%
Winter Demand (%)	75.80%
Annual Energy (%)	0.67%

Program Information - Savings	
Program Name	HVAC Re-commissioning
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	6.340
Winter Demand (MW)	0.000
Annual Energy (GWH)	7.756
% of Commission Authorized Goal	
Summer Demand (%)	12.17%
Winter Demand (%)	0.00%
Annual Energy (%)	4.40%

Program Information - Savings	
Program Name	Electronically Commutated Motors
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	1.030
Winter Demand (MW)	0.000
Annual Energy (GWH)	9.192
% of Commission Authorized Goal	
Summer Demand (%)	1.98%
Winter Demand (%)	0.00%
Annual Energy (%)	5.21%

Program Information - Savings	
Program Name	Cool Roof
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	1.670
Winter Demand (MW)	0.000
Annual Energy (GWH)	9.007
% of Commission Authorized Goal	
Summer Demand (%)	3.21%
Winter Demand (%)	0.00%
Annual Energy (%)	5.11%

Program Information - Savings	
Program Name	Energy Recovery Ventilation
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	0.640
Winter Demand (MW)	0.215
Annual Energy (GWH)	1.008
% of Commission Authorized Goal	
Summer Demand (%)	1.23%
Winter Demand (%)	1.48%
Annual Energy (%)	0.57%

Program Information - Savings	
Program Name	Refrigeration (Anti-Condensate)
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	0.024
Winter Demand (MW)	0.015
Annual Energy (GWH)	0.242
% of Commission Authorized Goal	
Summer Demand (%)	0.05%
Winter Demand (%)	0.10%
Annual Energy (%)	0.14%

Program Information - Savings	
Program Name	Cogeneration
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
Program Estimate	
Summer Demand (MW)	0.000
Winter Demand (MW)	0.000
Annual Energy (GWH)	0.000
% of Commission Authorized Goal	
Summer Demand (%)	0.00%
Winter Demand (%)	0.00%
Annual Energy (%)	0.00%

Program Information - Savings	
Program Name	Industrial Load Management
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	DR
Program Estimate	
Summer Demand (MW)	0.000
Winter Demand (MW)	0.000
Annual Energy (GWH)	0.000
% of Commission Authorized Goal	
Summer Demand (%)	0.00%
Winter Demand (%)	0.00%
Annual Energy (%)	0.00%

Program Information - Savings	
Program Name	Renewable Energy Systems Initiative
Customer Category (Res/Com/Ind)	Residential/CommercialCommercial
Program Type (EE/DR/RE)	RE
Program Estimate	
Summer Demand (MW)	2.039
Winter Demand (MW)	0.504
Annual Energy (GWH)	6.210
% of Commission Authorized Goal	
Summer Demand (%)	1.48%
Winter Demand (%)	0.46%
Annual Energy (%)	1.72%

Program Information - Savings	
Program Name	Research and Development
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE/DR/RE
Program Estimate	
Summer Demand (MW)	0.000
Winter Demand (MW)	0.000
Annual Energy (GWH)	0.000
% of Commission Authorized Goal	
Summer Demand (%)	0.00%
Winter Demand (%)	0.00%
Annual Energy (%)	0.00%



<b>Program Information - Savings</b>	
Program Name	Renewable Energy Program
Customer Category (Res/Com/Ind)	Residential/Commercial
Program Type (EE/DR/RE)	RE
<b>Program Estimate</b>	
Summer Demand (MW)	0.000
Winter Demand (MW)	0.000
Annual Energy (GWH)	0.000
<b>% of Commission Authorized Goal</b>	
Summer Demand (%)	0.00%
Winter Demand (%)	0.00%
Annual Energy (%)	0.00%

**TAMPA ELECTRIC COMPANY  
DOCKET NO. 100159-EI  
STAFF'S DATA REQUEST  
REQUEST NO. 3  
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3. Please provide, on an individual program basis, the cumulative net present value of expenditures required over the period 2010 through 2019. Please indicate the type of expenditure, separating them into categories including administrative, marketing, equipment, operations & maintenance, and incentives/rebates to customers. As part of this response, please also provide the percentage that each category represents of the total program expenditures. Indicate the first year rate impact of these expenditures, percentage of the total Energy Conservation Cost Recovery Clause for the first year of these expenditures, and any lost revenues associated with the program. Please complete the table below and provide an electronic copy in Excel (.xls file format) with the hard copy response.

<b>Program Information - Total Cost</b>	
Program Name	-
Customer Category	(Res/Com/Ind)
Program Type	(EE / DR / RE)
<b>Program Cost (Cumulative NPV)</b>	
Administrative	(\$)
Education, Surveys, Marketing	(\$)
Equipment, Installation, O&M	(\$)
Incentives / Rebates	(\$)
Total Cost	(\$)
<b>Program Cost (% of Program)</b>	
Administrative	(%)
Education, Surveys, Marketing	(%)
Equipment, Installation, O&M	(%)
Incentives / Rebates	(%)
<b>Program Rate Impact</b>	
Residential Rate Impact	(\$/mo)
Percentage of Total ECCR Rate	(%)
Lost Revenues	(\$)

- A. The requested information is provided in the tables below and in the attached Excel file.

**TAMPA ELECTRIC COMPANY  
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**Note:** Program cost as a component of the TRC test on which goals were set do not include incentives and rebates, therefore the total cost provided does not include incentives or rebates.

<b>Program Information - Total Cost</b>	
Program Name	Walk-Through Audit
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
<b>Program Cost (% of Program)</b>	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.1608
Percentage of Total ECCR Rate (%)	4.76%
Lost Revenues (\$)	No Results

<b>Program Information - Total Cost</b>	
Program Name	On-Line Audit
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
<b>Program Cost (% of Program)</b>	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0188
Percentage of Total ECCR Rate (%)	0.56%
Lost Revenues (\$)	No Results

Program Information - Total Cost	
Program Name	Computer-Assisted Audit
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
<b>Program Cost (% of Program)</b>	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0000
Percentage of Total ECCR Rate (%)	0.00
Lost Revenues (\$)	No Results

Program Information - Total Cost	
Program Name	Phone Assisted Audit
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
<b>Program Cost (% of Program)</b>	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0002
Percentage of Total ECCR Rate (%)	0.01%
Lost Revenues (\$)	No Results

Program Information - Total Cost	
Program Name	Heating & Cooling
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	220.40
Education, Surveys, Marketing (\$)	11.60
Equipment, Installation, O&M (\$)	4,618
Incentives/Rebates (\$)	2,231
Total Costs (\$)	4,850
<b>Program Cost (% of Program)</b>	
Administrative (%)	4.5%
Education, Surveys, Marketing (%)	0.2%
Equipment, Installation, O&M (%)	49.2%
Incentives/Rebates (%)	46.0%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0463
Percentage of Total ECCR Rate (%)	1.37%
Lost Revenues (\$)	7,276

Program Information - Total Cost	
Program Name	Electronically Commutated Motors
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	11.40
Education, Surveys, Marketing (\$)	0.60
Equipment, Installation, O&M (\$)	325
Incentives/Rebates (\$)	157
Total Costs (\$)	337
<b>Program Cost (% of Program)</b>	
Administrative (%)	3.4%
Education, Surveys, Marketing (%)	0.2%
Equipment, Installation, O&M (%)	49.9%
Incentives/Rebates (%)	46.6%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0043
Percentage of Total ECCR Rate (%)	0.10%
Lost Revenues (\$)	418

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Program Information - Total Cost	
Program Name	HVAC Re-commissioning
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	39.90
Education, Surveys, Marketing (\$)	2.10
Equipment, Installation, O&M (\$)	630
Incentives/Rebates (\$)	308
Total Costs (\$)	672
<b>Program Cost (% of Program)</b>	
Administrative (%)	5.9%
Education, Surveys, Marketing (%)	0.3%
Equipment, Installation, O&M (%)	47.9%
Incentives/Rebates (%)	45.8%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0024
Percentage of Total ECCR Rate (%)	0.10%
Lost Revenues (\$)	1,051

Program Information - Total Cost	
Program Name	Duct Repair
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	1,165.65
Education, Surveys, Marketing (\$)	61.35
Equipment, Installation, O&M (\$)	4,145
Incentives/Rebates (\$)	3,216
Total Costs (\$)	5,372
<b>Program Cost (% of Program)</b>	
Administrative (%)	21.7%
Education, Surveys, Marketing (%)	1.1%
Equipment, Installation, O&M (%)	17.29%
Incentives/Rebates (%)	59.9%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.1728
Percentage of Total ECCR Rate (%)	5.11%
Lost Revenues (\$)	6,719

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Program Information - Total Cost	
Program Name	Building Envelope
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	206.15
Education, Surveys, Marketing (\$)	10.85
Equipment, Installation, O&M (\$)	5,159
Incentives/Rebates (\$)	2,515
Total Costs (\$)	5,376
<b>Program Cost (% of Program)</b>	
Administrative (%)	3.8%
Education, Surveys, Marketing (%)	0.2%
Equipment, Installation, O&M (%)	49.2%
Incentives/Rebates (%)	46.8%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0592
Percentage of Total ECCR Rate (%)	1.75%
Lost Revenues (\$)	4,030

Program Information - Total Cost	
Program Name	New Construction
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	31.35
Education, Surveys, Marketing (\$)	1.65
Equipment, Installation, O&M (\$)	601
Incentives/Rebates (\$)	296
Total Costs (\$)	634
<b>Program Cost (% of Program)</b>	
Administrative (%)	4.9%
Education, Surveys, Marketing (%)	0.3%
Equipment, Installation, O&M (%)	48.1%
Incentives/Rebates (%)	46.7%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0229
Percentage of Total ECCR Rate (%)	0.68%
Lost Revenues (\$)	729

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Program Information - Total Cost	
Program Name	Neighborhood Weatherization and Agenct Outreach
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	307.80
Education, Surveys, Marketing (\$)	16.20
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	0
Total Costs (\$)	324
<b>Program Cost (% of Program)</b>	
Administrative (%)	95.0%
Education, Surveys, Marketing (%)	5.0%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	0.0%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0840
Percentage of Total ECCR Rate (%)	2.49%
Lost Revenues (\$)	1,220

Program Information - Total Cost	
Program Name	Education Outreach
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	155.80
Education, Surveys, Marketing (\$)	8.20
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	0
Total Costs (\$)	164
<b>Program Cost (% of Program)</b>	
Administrative (%)	95.0%
Education, Surveys, Marketing (%)	5.0%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	0.0%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0202
Percentage of Total ECCR Rate (%)	0.60%
Lost Revenues (\$)	1,082



Program Information - Total Cost	
Program Name	Energy Planner
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE/DR
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	625.29
Education, Surveys, Marketing (\$)	281.05
Equipment, Installation, O&M (\$)	4714.66
Incentives/Rebates (\$)	2,955
Total Costs (\$)	5,621
<b>Program Cost (% of Program)</b>	
Administrative (%)	11.1%
Education, Surveys, Marketing (%)	5.0%
Equipment, Installation, O&M (%)	31.3%
Incentives/Rebates (%)	52.6%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.1916
Percentage of Total ECCR Rate (%)	5.67%
Lost Revenues (\$)	4,229

Program Information - Total Cost	
Program Name	Free Audit
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
<b>Program Cost (% of Program)</b>	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.2167
Percentage of Total ECCR Rate (%)	6.41%
Lost Revenues (\$)	No Results

Program Information - Total Cost	
Program Name	Paid Audit
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
<b>Program Cost (% of Program)</b>	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0000
Percentage of Total ECCR Rate (%)	0.00
Lost Revenues (\$)	No Results

Program Information - Total Cost	
Program Name	Duct Repair
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	54.15
Education, Surveys, Marketing (\$)	2.85
Equipment, Installation, O&M (\$)	1,199
Incentives/Rebates (\$)	674
Total Costs (\$)	1,256
<b>Program Cost (% of Program)</b>	
Administrative (%)	4.3%
Education, Surveys, Marketing (%)	0.2%
Equipment, Installation, O&M (%)	41.8%
Incentives/Rebates (%)	53.7%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0274
Percentage of Total ECCR Rate (%)	0.81%
Lost Revenues (\$)	7,508

Program Information - Total Cost	
Program Name	Building Envelope
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	0.25
Education, Surveys, Marketing (\$)	0.01
Equipment, Installation, O&M (\$)	29
Incentives/Rebates (\$)	14
Total Costs (\$)	29.26
<b>Program Cost (% of Program)</b>	
Administrative (%)	0.8%
Education, Surveys, Marketing (%)	0.0%
Equipment, Installation, O&M (%)	51.3%
Incentives/Rebates (%)	47.8%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0051
Percentage of Total ECCR Rate (%)	0.15%
Lost Revenues (\$)	52

Program Information - Total Cost	
Program Name	Energy Efficient Motors
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	0.95
Education, Surveys, Marketing (\$)	0.05
Equipment, Installation, O&M (\$)	10
Incentives/Rebates (\$)	3
Total Costs (\$)	11
<b>Program Cost (% of Program)</b>	
Administrative (%)	8.6%
Education, Surveys, Marketing (%)	0.5%
Equipment, Installation, O&M (%)	63.6%
Incentives/Rebates (%)	27.3%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0002
Percentage of Total ECCR Rate (%)	0.006%
Lost Revenues (\$)	23

Program Information - Total Cost	
Program Name	Cooling
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	11.40
Education, Surveys, Marketing (\$)	0.60
Equipment, Installation, O&M (\$)	523
Incentives/Rebates (\$)	204
Total Costs (\$)	535
<b>Program Cost (% of Program)</b>	
Administrative (%)	2.1%
Education, Surveys, Marketing (%)	0.1%
Equipment, Installation, O&M (%)	59.6%
Incentives/Rebates (%)	38.1%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0112
Percentage of Total ECCR Rate (%)	0.33%
Lost Revenues (\$)	1,498

Program Information - Total Cost	
Program Name	Chiller
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	1.90
Education, Surveys, Marketing (\$)	0.10
Equipment, Installation, O&M (\$)	443
Incentives/Rebates (\$)	151
Total Costs (\$)	445
<b>Program Cost (% of Program)</b>	
Administrative (%)	0.4%
Education, Surveys, Marketing (%)	0.0%
Equipment, Installation, O&M (%)	65.6%
Incentives/Rebates (%)	33.9%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0111
Percentage of Total ECCR Rate (%)	0.33%
Lost Revenues (\$)	2,579

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Program Information - Total Cost	
Program Name	Lighting
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	4.75
Education, Surveys, Marketing (\$)	0.25
Equipment, Installation, O&M (\$)	995
Incentives/Rebates (\$)	210
Total Costs (\$)	1,000
<b>Program Cost (% of Program)</b>	
Administrative (%)	0.5%
Education, Surveys, Marketing (%)	0.0%
Equipment, Installation, O&M (%)	78.5%
Incentives/Rebates (%)	21.0%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0406
Percentage of Total ECCR Rate (%)	1.20%
Lost Revenues (\$)	4,903

Program Information - Total Cost	
Program Name	Lighting Occupancy Sensors
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	8.55
Education, Surveys, Marketing (\$)	0.45
Equipment, Installation, O&M (\$)	294
Incentives/Rebates (\$)	134
Total Costs (\$)	303
<b>Program Cost (% of Program)</b>	
Administrative (%)	2.8%
Education, Surveys, Marketing (%)	0.1%
Equipment, Installation, O&M (%)	52.8%
Incentives/Rebates (%)	44.2%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0101
Percentage of Total ECCR Rate (%)	0.30%
Lost Revenues (\$)	288

Program Information - Total Cost	
Program Name	Water Heating
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	0.20
Education, Surveys, Marketing (\$)	0.01
Equipment, Installation, O&M (\$)	5
Incentives/Rebates (\$)	3
Total Costs (\$)	5.21
<b>Program Cost (% of Program)</b>	
Administrative (%)	3.8%
Education, Surveys, Marketing (%)	0.2%
Equipment, Installation, O&M (%)	38.4%
Incentives/Rebates (%)	57.6%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0007
Percentage of Total ECCR Rate (%)	0.02%
Lost Revenues (\$)	9

Program Information - Total Cost	
Program Name	Conservation Value
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	8.55
Education, Surveys, Marketing (\$)	0.45
Equipment, Installation, O&M (\$)	204
Incentives/Rebates (\$)	32
Total Costs (\$)	213
<b>Program Cost (% of Program)</b>	
Administrative (%)	4.0%
Education, Surveys, Marketing (%)	0.2%
Equipment, Installation, O&M (%)	80.8%
Incentives/Rebates (%)	15.0%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0077
Percentage of Total ECCR Rate (%)	0.23%
Lost Revenues (\$)	632

Program Information - Total Cost	
Program Name	Commercial Load Management
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	DR
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	0.33
Education, Surveys, Marketing (\$)	0.15
Equipment, Installation, O&M (\$)	2.52
Incentives/Rebates (\$)	9
Total Costs (\$)	12
<b>Program Cost (% of Program)</b>	
Administrative (%)	2.8%
Education, Surveys, Marketing (%)	1.3%
Equipment, Installation, O&M (%)	21.0%
Incentives/Rebates (%)	75.0%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0004
Percentage of Total ECCR Rate (%)	0.01%
Lost Revenues (\$)	0

Program Information - Total Cost	
Program Name	Commercial Load Management
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	DR
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	0.33
Education, Surveys, Marketing (\$)	0.15
Equipment, Installation, O&M (\$)	2.52
Incentives/Rebates (\$)	9
Total Costs (\$)	12
<b>Program Cost (% of Program)</b>	
Administrative (%)	2.8%
Education, Surveys, Marketing (%)	1.3%
Equipment, Installation, O&M (%)	21.0%
Incentives/Rebates (%)	75.0%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0004
Percentage of Total ECCR Rate (%)	0.01%
Lost Revenues (\$)	0

Program Information - Total Cost	
Program Name	Demand Response
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	DR
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	1,255.90
Education, Surveys, Marketing (\$)	66.10
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	1,022
Total Costs (\$)	1,322
<b>Program Cost (% of Program)</b>	
Administrative (%)	95.0%
Education, Surveys, Marketing (%)	5.0%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	0.0%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.3058
Percentage of Total ECCR Rate (%)	9.05%
Lost Revenues (\$)	139

Program Information - Total Cost	
Program Name	Standby Generator
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	DR
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	58.9
Education, Surveys, Marketing (\$)	3.1
Equipment, Installation, O&M (\$)	134
Incentives/Rebates (\$)	464
Total Costs (\$)	660
<b>Program Cost (% of Program)</b>	
Administrative (%)	8.9%
Education, Surveys, Marketing (%)	0.5%
Equipment, Installation, O&M (%)	20.3%
Incentives/Rebates (%)	70.3%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.152
Percentage of Total ECCR Rate (%)	4.50%
Lost Revenues (\$)	87



Program Information - Total Cost	
Program Name	HVAC Re-commissioning
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	5.7
Education, Surveys, Marketing (\$)	0.3
Equipment, Installation, O&M (\$)	191
Incentives/Rebates (\$)	70
Total Costs (\$)	197
<b>Program Cost (% of Program)</b>	
Administrative (%)	2.9%
Education, Surveys, Marketing (%)	0.2%
Equipment, Installation, O&M (%)	61.4%
Incentives/Rebates (%)	35.5%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.007
Percentage of Total ECCR Rate (%)	0.02%
Lost Revenues (\$)	828

Program Information - Total Cost	
Program Name	Electronically Commutated Motors
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	3.8
Education, Surveys, Marketing (\$)	0.2
Equipment, Installation, O&M (\$)	99
Incentives/Rebates (\$)	35
Total Costs (\$)	103
<b>Program Cost (% of Program)</b>	
Administrative (%)	3.7%
Education, Surveys, Marketing (%)	0.2%
Equipment, Installation, O&M (%)	62.1%
Incentives/Rebates (%)	34.0%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0010
Percentage of Total ECCR Rate (%)	0.03%
Lost Revenues (\$)	618

Program Information - Total Cost	
Program Name	Cool Roof
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	4.75
Education, Surveys, Marketing (\$)	0.25
Equipment, Installation, O&M (\$)	1,004
Incentives/Rebates (\$)	495
Total Costs (\$)	1,009
<b>Program Cost (% of Program)</b>	
Administrative (%)	0.5%
Education, Surveys, Marketing (%)	0.0%
Equipment, Installation, O&M (%)	50.4%
Incentives/Rebates (%)	49.1%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0168
Percentage of Total ECCR Rate (%)	0.50%
Lost Revenues (\$)	1,494

Program Information - Total Cost	
Program Name	Energy Recovery Ventilation
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	0.95
Education, Surveys, Marketing (\$)	0.05
Equipment, Installation, O&M (\$)	125
Incentives/Rebates (\$)	37
Total Costs (\$)	126
<b>Program Cost (% of Program)</b>	
Administrative (%)	0.8%
Education, Surveys, Marketing (%)	0.0%
Equipment, Installation, O&M (%)	69.8%
Incentives/Rebates (%)	29.4%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.001
Percentage of Total ECCR Rate (%)	0.03%
Lost Revenues (\$)	103

Program Information - Total Cost	
Program Name	Refrigeration (Anti-Condensate)
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	0.14
Education, Surveys, Marketing (\$)	0.01
Equipment, Installation, O&M (\$)	6
Incentives/Rebates (\$)	3
Total Costs (\$)	6.15
<b>Program Cost (% of Program)</b>	
Administrative (%)	2.3%
Education, Surveys, Marketing (%)	0.1%
Equipment, Installation, O&M (%)	48.8%
Incentives/Rebates (%)	48.8%
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0005
Percentage of Total ECCR Rate (%)	0.02%
Lost Revenues (\$)	11

Program Information - Total Cost	
Program Name	Cogeneration
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
<b>Program Cost (% of Program)</b>	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0072
Percentage of Total ECCR Rate (%)	0.021%
Lost Revenues (\$)	No Results

Program Information - Total Cost	
Program Name	Industrial Load Management
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	DR
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
<b>Program Cost (% of Program)</b>	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	1.3826
Percentage of Total ECCR Rate (%)	40.91%
Lost Revenues (\$)	No Results

Program Information - Total Cost	
Program Name	Renewable Energy Systems Initiative
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	RE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
<b>Program Cost (% of Program)</b>	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.1087
Percentage of Total ECCR Rate (%)	3.22%
Lost Revenues (\$)	No Results

Program Information - Total Cost	
Program Name	Research and Development
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	RE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
<b>Program Cost (% of Program)</b>	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0091
Percentage of Total ECCR Rate (%)	0.27%
Lost Revenues (\$)	No Results

Program Information - Total Cost	
Program Name	Renewable Energy Program
Customer Category (Res/Com/Ind)	Residential/Commercial
Program Type (EE/DR/RE)	RE
<b>Program Cost (Cumulative NPV)</b>	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
<b>Program Cost (% of Program)</b>	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
<b>Program Rate Impact</b>	
Residential Rate Impact (\$/mo)	No Results
Percentage of Total ECCR Rate (%)	No Results
Lost Revenues (\$)	No Results

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4. Please provide, on an individual program basis, the results of the E-TRC, E-RIM, and Participants Tests. Include the cumulative net present values of all benefits and costs. As part of this response, please provide the payback period for each program. Please complete the table below and provide an electronic copy in Excel (.xls file format) with the hard copy response.

<b>Program Information - Cost Effectiveness</b>		
Program Name	-	
Customer Category	(Res/Com/Ind)	
Program Type	(EE / DR / RE)	
<b>E-TRC Test Results</b>		
Total Benefits	(\$)	
Total Costs	(\$)	
Ratio	-	
<b>E-RIM Test Results</b>		
Total Benefits	(\$)	
Total Costs	(\$)	
Ratio	-	
<b>Participants Test Results</b>		
Total Benefits	(\$)	
Total Costs	(\$)	
Ratio	-	
<b>Payback Period</b>		
E-TRC Test	(Yrs)	
E-RIM Test	(Yrs)	
Participants Test	(Yrs)	

- A. The requested information is provided in the tables below and in the attached Excel file.

Residential

Program Information - Cost Effectiveness	
Program Name	Walk-Through Audit
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Participants Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Payback Period</b>	
E-TRC Test (Yrs)	No Results
E-RIM Test (yrs)	No Results
Participants Test (Yrs)	No Results

Program Information - Cost Effectiveness	
Program Name	Customer Assisted Audit
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Participants Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Payback Period</b>	
E-TRC Test (Yrs)	No Results
E-RIM Test (yrs)	No Results
Participants Test (Yrs)	No Results

<b>Program Information - Cost Effectiveness</b>	
Program Name	Computer-Assisted Audit
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Participants Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Payback Period</b>	
E-TRC Test (Yrs)	No Results
E-RIM Test (yrs)	No Results
Participants Test (Yrs)	No Results

<b>Program Information - Cost Effectiveness</b>	
Program Name	Phone Assisted Audit
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Participants Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Payback Period</b>	
E-TRC Test (Yrs)	No Results
E-RIM Test (yrs)	No Results
Participants Test (Yrs)	No Results



Program Information - Cost Effectiveness	
Program Name	Heating & Cooling
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	9,845
Total Costs \$ (000)	4,850
Ratio	2.03
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	9,845
Total Costs \$ (000)	9,740
Ratio	1.01
<b>Participants Test Results</b>	
Total Benefits \$ (000)	9,508
Total Costs \$ (000)	4,618
Ratio	2.06
<b>Payback Period</b>	
E-TRC Test (Yrs)	7
E-RIM Test (yrs)	14
Participants Test (Yrs)	4

Program Information - Cost Effectiveness	
Program Name	Electronically Commutated Motors
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	581
Total Costs \$ (000)	337
Ratio	1.72
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	581
Total Costs \$ (000)	587
Ratio	0.99
<b>Participants Test Results</b>	
Total Benefits \$ (000)	575
Total Costs \$ (000)	325
Ratio	1.77
<b>Payback Period</b>	
E-TRC Test (Yrs)	8
E-RIM Test (yrs)	15
Participants Test (Yrs)	5

Program Information - Cost Effectiveness	
Program Name	HVAC Re-commissioning
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	1,465
Total Costs \$ (000)	672
Ratio	2.18
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	1,465
Total Costs \$ (000)	1,401
Ratio	1.05
<b>Participants Test Results</b>	
Total Benefits \$ (000)	1,359
Total Costs \$ (000)	630
Ratio	2.16
<b>Payback Period</b>	
E-TRC Test (Yrs)	5
E-RIM Test (yrs)	8
Participants Test (Yrs)	3

Program Information - Cost Effectiveness	
Program Name	Duct Repair
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	11,844
Total Costs \$ (000)	5,372
Ratio	2.20
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	11,844
Total Costs \$ (000)	11,162
Ratio	1.06
<b>Participants Test Results</b>	
Total Benefits \$ (000)	9,935
Total Costs \$ (000)	4,145
Ratio	2.40
<b>Payback Period</b>	
E-TRC Test (Yrs)	8
E-RIM Test (yrs)	20
Participants Test (Yrs)	2

Program Information - Cost Effectiveness	
Program Name	Building Envelope
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	6,917
Total Costs \$ (000)	5,376
Ratio	1.29
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	6,917
Total Costs \$ (000)	6,762
Ratio	1.02
<b>Participants Test Results</b>	
Total Benefits \$ (000)	6,545
Total Costs \$ (000)	5,159
Ratio	1.27
<b>Payback Period</b>	
E-TRC Test (Yrs)	16
E-RIM Test (yrs)	21
Participants Test (Yrs)	12

Program Information - Cost Effectiveness	
Program Name	New Construction
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	1,144
Total Costs \$ (000)	634
Ratio	1.81
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	1,144
Total Costs \$ (000)	1,058
Ratio	1.08
<b>Participants Test Results</b>	
Total Benefits \$ (000)	1,025
Total Costs \$ (000)	601
Ratio	1.71
<b>Payback Period</b>	
E-TRC Test (Yrs)	11
E-RIM Test (yrs)	18
Participants Test (Yrs)	7

Program Information - Cost Effectiveness	
Program Name	Neighborhood Weatherization and Agenct Outreach
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	1,719
Total Costs \$ (000)	324
Ratio	5.30
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	1,719
Total Costs \$ (000)	1,544
Ratio	1.11
<b>Participants Test Results</b>	
Total Benefits \$ (000)	1,220
Total Costs \$ (000)	0
Ratio	N/A
<b>Payback Period</b>	
E-TRC Test (Yrs)	4
E-RIM Test (yrs)	10
Participants Test (Yrs)	0

Program Information - Cost Effectiveness	
Program Name	Education Outreach
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	1,122
Total Costs \$ (000)	164
Ratio	6.83
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	1,122
Total Costs \$ (000)	1,246
Ratio	0.90
<b>Participants Test Results</b>	
Total Benefits \$ (000)	1082
Total Costs \$ (000)	0
Ratio	N/A
<b>Payback Period</b>	
E-TRC Test (Yrs)	3
E-RIM Test (yrs)	>15
Participants Test (Yrs)	0

Program Information - Cost Effectiveness	
Program Name	Energy Planner
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE/DR
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	14,048
Total Costs \$ (000)	5,621
Ratio	2.50
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	14,048
Total Costs \$ (000)	12,806
Ratio	1.10
<b>Participants Test Results</b>	
Total Benefits \$ (000)	7,185
Total Costs \$ (000)	0
Ratio	N/A
<b>Payback Period</b>	
E-TRC Test (Yrs)	5
E-RIM Test (yrs)	13
Participants Test (Yrs)	0

Commercial

Program Information - Cost Effectiveness	
Program Name	Free Audit
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Participants Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Payback Period</b>	
E-TRC Test (Yrs)	No Results
E-RIM Test (yrs)	No Results
Participants Test (Yrs)	No Results

Program Information - Cost Effectiveness	
Program Name	Paid Audit
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Participants Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Payback Period</b>	
E-TRC Test (Yrs)	No Results
E-RIM Test (yrs)	No Results
Participants Test (Yrs)	No Results

Program Information - Cost Effectiveness	
Program Name	Duct Repair
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	10,543
Total Costs \$ (000)	1,256
Ratio	8.39
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	10,543
Total Costs \$ (000)	8,239
Ratio	1.28
<b>Participants Test Results</b>	
Total Benefits \$ (000)	8,182
Total Costs \$ (000)	1,199
Ratio	6.82
<b>Payback Period</b>	
E-TRC Test (Yrs)	3
E-RIM Test (yrs)	7
Participants Test (Yrs)	1

Program Information - Cost Effectiveness	
Program Name	Building Envelope
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	65
Total Costs \$ (000)	29
Ratio	2.2
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	65
Total Costs \$ (000)	67
Ratio	0.97
<b>Participants Test Results</b>	
Total Benefits \$ (000)	66
Total Costs \$ (000)	29
Ratio	2.28
<b>Payback Period</b>	
E-TRC Test (Yrs)	8
E-RIM Test (yrs)	>25
Participants Test (Yrs)	5

Program Information - Cost Effectiveness	
Program Name	Energy Efficient Motors
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	27
Total Costs \$ (000)	11
Ratio	2.41
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	27
Total Costs \$ (000)	26
Ratio	1.02
<b>Participants Test Results</b>	
Total Benefits \$ (000)	26
Total Costs \$ (000)	10
Ratio	2.60
<b>Payback Period</b>	
E-TRC Test (Yrs)	5
E-RIM Test (yrs)	9
Participants Test (Yrs)	3

Program Information - Cost Effectiveness	
Program Name	Cooling
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	1,752
Total Costs \$ (000)	534
Ratio	3.28
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	1,752
Total Costs \$ (000)	1,713
Ratio	1.02
<b>Participants Test Results</b>	
Total Benefits \$ (000)	1,702
Total Costs \$ (000)	523
Ratio	3.25
<b>Payback Period</b>	
E-TRC Test (Yrs)	5
E-RIM Test (yrs)	13
Participants Test (Yrs)	3

Program Information - Cost Effectiveness	
Program Name	Chiller
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	3,074
Total Costs \$ (000)	445
Ratio	6.91
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	3,074
Total Costs \$ (000)	2,733
Ratio	1.12
<b>Participants Test Results</b>	
Total Benefits \$ (000)	2,731
Total Costs \$ (000)	443
Ratio	6.16
<b>Payback Period</b>	
E-TRC Test (Yrs)	3
E-RIM Test (yrs)	10
Participants Test (Yrs)	2



Program Information - Cost Effectiveness	
Program Name	Lighting
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	5,065
Total Costs \$ (000)	1,001
Ratio	5.06
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	5,065
Total Costs \$ (000)	5,119
Ratio	0.99
<b>Participants Test Results</b>	
Total Benefits \$ (000)	5,114
Total Costs \$ (000)	995
Ratio	5.14
<b>Payback Period</b>	
E-TRC Test (Yrs)	4
E-RIM Test (yrs)	>15
Participants Test (Yrs)	2

Program Information - Cost Effectiveness	
Program Name	Lighting Occupancy Sensors
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	359
Total Costs \$ (000)	303
Ratio	1.18
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	359
Total Costs \$ (000)	431
Ratio	0.83
<b>Participants Test Results</b>	
Total Benefits \$ (000)	421
Total Costs \$ (000)	294
Ratio	1.43
<b>Payback Period</b>	
E-TRC Test (Yrs)	10
E-RIM Test (yrs)	>12
Participants Test (Yrs)	6

Program Information - Cost Effectiveness	
Program Name	Water Heating
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	12
Total Costs \$ (000)	6
Ratio	2.17
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	12
Total Costs \$ (000)	12
Ratio	1.01
<b>Participants Test Results</b>	
Total Benefits \$ (000)	12
Total Costs \$ (000)	5
Ratio	2.40
<b>Payback Period</b>	
E-TRC Test (Yrs)	7
E-RIM Test (yrs)	14
Participants Test (Yrs)	4

Program Information - Cost Effectiveness	
Program Name	Conservation Value
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	834
Total Costs \$ (000)	214
Ratio	3.9
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	834
Total Costs \$ (000)	674
Ratio	1.24
<b>Participants Test Results</b>	
Total Benefits \$ (000)	664
Total Costs \$ (000)	204
Ratio	3.25
<b>Payback Period</b>	
E-TRC Test (Yrs)	5
E-RIM Test (yrs)	7
Participants Test (Yrs)	4

Program Information - Cost Effectiveness	
Program Name	Commercial Load Management Cyclic
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	DR
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	36
Total Costs \$ (000)	2
Ratio	17.52
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	36
Total Costs \$ (000)	11
Ratio	3.27
<b>Participants Test Results</b>	
Total Benefits \$ (000)	9
Total Costs \$ (000)	0
Ratio	N/A
<b>Payback Period</b>	
E-TRC Test (Yrs)	2
E-RIM Test (yrs)	2
Participants Test (Yrs)	0

Program Information - Cost Effectiveness	
Program Name	Commercial Load Management Extended
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	DR
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	268
Total Costs \$ (000)	20
Ratio	13.54
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	268
Total Costs \$ (000)	100
Ratio	2.68
<b>Participants Test Results</b>	
Total Benefits \$ (000)	80
Total Costs \$ (000)	0
Ratio	N/A
<b>Payback Period</b>	
E-TRC Test (Yrs)	2
E-RIM Test (yrs)	2
Participants Test (Yrs)	0

Program Information - Cost Effectiveness	
Program Name	Demand Response
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	DR
E-TRC Test Results	
Total Benefits \$ (000)	3,221
Total Costs \$ (000)	1,322
Ratio	2.44
E-RIM Test Results	
Total Benefits \$ (000)	3,221
Total Costs \$ (000)	2,482
Ratio	1.3
Participants Test Results	
Total Benefits \$ (000)	1,161
Total Costs \$ (000)	0
Ratio	N/A
Payback Period	
E-TRC Test (Yrs)	2
E-RIM Test (yrs)	3
Participants Test (Yrs)	0

Program Information - Cost Effectiveness	
Program Name	Standby Generator
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	DR
E-TRC Test Results	
Total Benefits \$ (000)	1,539
Total Costs \$ (000)	167
Ratio	9.24
E-RIM Test Results	
Total Benefits \$ (000)	1,539
Total Costs \$ (000)	583
Ratio	2.64
Participants Test Results	
Total Benefits \$ (000)	551
Total Costs \$ (000)	134
Ratio	4.11
Payback Period	
E-TRC Test (Yrs)	2
E-RIM Test (yrs)	2
Participants Test (Yrs)	0

<b>Program Information - Cost Effectiveness</b>	
Program Name	HVAC Re-commissioning
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	894
Total Costs \$ (000)	197
Ratio	4.54
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	894
Total Costs \$ (000)	904
Ratio	0.99
<b>Participants Test Results</b>	
Total Benefits \$ (000)	898
Total Costs \$ (000)	191
Ratio	4.70
<b>Payback Period</b>	
E-TRC Test (Yrs)	3
E-RIM Test (yrs)	>10
Participants Test (Yrs)	2

<b>Program Information - Cost Effectiveness</b>	
Program Name	Electronically Commutated Motors
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	814
Total Costs \$ (000)	103
Ratio	7.91
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	814
Total Costs \$ (000)	655
Ratio	1.24
<b>Participants Test Results</b>	
Total Benefits \$ (000)	651
Total Costs \$ (000)	99
Ratio	6.58
<b>Payback Period</b>	
E-TRC Test (Yrs)	3
E-RIM Test (yrs)	6
Participants Test (Yrs)	2

Program Information - Cost Effectiveness	
Program Name	Cool Roof
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	1,906
Total Costs \$ (000)	1,008
Ratio	1.89
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	1,906
Total Costs \$ (000)	1,994
Ratio	0.96
<b>Participants Test Results</b>	
Total Benefits \$ (000)	1,990
Total Costs \$ (000)	1,004
Ratio	1.98
<b>Payback Period</b>	
E-TRC Test (Yrs)	7
E-RIM Test (yrs)	>15
Participants Test (Yrs)	4

Program Information - Cost Effectiveness	
Program Name	Energy Recovery Ventilation
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	126
Total Costs \$ (000)	126
Ratio	1.00
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	126
Total Costs \$ (000)	141
Ratio	0.89
<b>Participants Test Results</b>	
Total Benefits \$ (000)	140
Total Costs \$ (000)	125
Ratio	1.12
<b>Payback Period</b>	
E-TRC Test (Yrs)	20
E-RIM Test (yrs)	>20
Participants Test (Yrs)	15

Program Information - Cost Effectiveness	
Program Name	Refrigeration (Anti-Condensate)
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	14
Total Costs \$ (000)	6
Ratio	2.33
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	14
Total Costs \$ (000)	14
Ratio	1.01
<b>Participants Test Results</b>	
Total Benefits \$ (000)	14
Total Costs \$ (000)	6
Ratio	2.33
<b>Payback Period</b>	
E-TRC Test (Yrs)	5
E-RIM Test (yrs)	11
Participants Test (Yrs)	3

Program Information - Cost Effectiveness	
Program Name	Cogeneration
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Participants Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Payback Period</b>	
E-TRC Test (Yrs)	No Results
E-RIM Test (yrs)	No Results
Participants Test (Yrs)	No Results

<b>Program Information - Cost Effectiveness</b>	
Program Name	Industrial Load Management
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	DR
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Participants Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Payback Period</b>	
E-TRC Test (Yrs)	No Results
E-RIM Test (yrs)	No Results
Participants Test (Yrs)	No Results

<b>Program Information - Cost Effectiveness</b>	
Program Name	Renewable Energy Systems Initiative
Customer Category (Res/Com/Ind)	Residential/CommercialCommercial
Program Type (EE/DR/RE)	RE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Participants Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Payback Period</b>	
E-TRC Test (Yrs)	No Results
E-RIM Test (yrs)	No Results
Participants Test (Yrs)	No Results



<b>Program Information - Cost Effectiveness</b>	
Program Name	Research and Development
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE/DR/RE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Participants Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Payback Period</b>	
E-TRC Test (Yrs)	No Results
E-RIM Test (yrs)	No Results
Participants Test (Yrs)	No Results

<b>Program Information - Cost Effectiveness</b>	
Program Name	Renewable Energy Program
Customer Category (Res/Com/Ind)	Residential/Commercial
Program Type (EE/DR/RE)	RE
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Participants Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Payback Period</b>	
E-TRC Test (Yrs)	No Results
E-RIM Test (yrs)	No Results
Participants Test (Yrs)	No Results

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- 5.** Please provide, for each program, a list of measures associated with that program. For programs with varying incentives by device or installation, please represent each as a separate 'measure' within the program. For Audit Programs, assume that any equipment provided or installed (such as Compact Fluorescent Light Bulbs) are a separate 'measure.'
  
- A.** The requested information is provided in the following table.

Program Name	Associated Measure(s)
Residential Walk-Through Audit (Free)	Eight Compact Fluorescent Lamps
On-Line Residential Energy Audit	Eight Compact Fluorescent Lamps
Residential Computer-Assisted Energy Audit	Eight Compact Fluorescent Lamps
Residential Phone-Assisted Audit	Eight Compact Fluorescent Lamps
Residential Heating & Cooling	Minimum 15.0 SEER Heat Pump replacing Resistance Heat - \$400 Minimum 15.0 SEER Heat Pump replacing Heat Pump - \$275
Residential Electronically Commutated Motor (ECM) Program	Existing Air Handler Motor replaced with ECM - \$135
Residential HVAC Re-commissioning	HVAC Maintenance/Equipment Tune-up - 50% of cost, up to \$75
Residential Duct Repair	Sealing and Repairing Air Distribution System
Residential Building Envelope	<p><u>Ceiling Insulation:</u>  Up to 1,500 sq. ft. being insulated - \$200 maximum  1,501-2,200 sq. ft. being insulated - \$275 maximum  2,201 sq. ft. and above being insulated - \$350 maximum</p> <p><u>Wall Insulation:</u>  \$.31/sq. ft. for insulating wall area adjacent to living area</p> <p><u>Window Replacement:</u>  \$2.65/sq. ft. of window area upgraded</p> <p><u>Window Film:</u>  \$2.00/sq. ft. of window area filmed</p>
New Construction	Sealed Duct System - \$100 Attic Insulation - \$150 HVAC - \$275/unit Windows - \$400 Alternate Water Heating - \$150 HERS Certification - \$100
Neighborhood Weatherization and Agency Outreach	<p><u>Weatherization:</u></p> <p>Duct Sealing • Ceiling Insulation • Eight Compact Fluorescent Lamps • Water Heater Wrap • Water Heater Temperature Check and Adjustment • Low Flow Faucet Aerator • Low Flow Showerhead • Wall Plate Thermometer • Refrigerator Coil Cleaning and Brush • HVAC Weather Stripping Kit • Change Filter Reminder • Weatherization to include weather stripping, caulk, and foam sealant</p> <p><u>Outreach:</u></p> <p>Four Compact Fluorescent Lamps • Three Low Flow Faucet Aerators • Air Filter Whistle • Hot Water Temperature Check Card • No-cost Energy Efficiency Recommendations</p>
Energy Education Outreach	Compact Fluorescent Lamps • Low Flow Faucet Aerators • Filter Whistles • Hot Water Temperature Check Cards • Energy Savings Tips and Recommendations
Energy Planner-Residential Price Responsive Load Management	Multi-tiered pricing program designed to impact usage of HVAC, water heating and pool pump

Program Name	Associated Measure(s)
Commercial/Industrial Audits (Free)	Eight Compact Fluorescent Lamps
Comprehensive Commercial/Industrial Audit (Paid)	Eight Compact Fluorescent Lamps
Commercial Duct Repair Program	Sealing and Repairing Air Distribution System - \$300/duct system
Commercial Building Envelope	<u>Solar Window Film:</u> \$1.25/sq.ft. of window area filmed <u>Ceiling Insulation:</u> \$0.255/sq.ft of ceiling space (bring insulation to R-30) <u>Roof Insulation:</u> \$0.15/sq.ft. of roof space (bring insulation to R-19) <u>Wall Insulation:</u> \$0.40/sq. ft. for insulating exterior wall area
Commercial Energy Efficient Motors	Install Premium NEMA Motors - \$6.00/HP
Commercial Cooling Program	Direct Expansion Air Conditioners (DX) - \$50/Ton Package Terminal Air Conditioning (PTAC) - \$37.50/Ton
Commercial Chiller Program	Install High Efficiency Chiller - \$175/kW reduction
Commercial Lighting Program	Retrofit Lighting System (Conditioned Space) - \$175/kW reduction Retrofit Lighting System (Non-conditioned Space) - \$175/kW reduction Retrofit Existing Exit Signs with LED Technology - \$25/Exit Sign
Commercial Lighting Occupancy Sensor Program	Install Occupancy Sensors for Lighting - \$25/Sensor
Commercial Water Heating Program	Install a Heat Recovery Units (HRU) - \$0.0116/BTU (\$700 maximum) Install a Heat Pump Water Heater (HPWH) - \$0.0116/BTU (\$700 maximum)
Conservation Value Program	Site Specific Conservation Measure Evaluation - \$275/kW reduction
Commercial Load Management	Cyclic Control: \$3.00/kW/Month for HVAC Control (Summer) Extended Control: \$3.50 /kW/Month for Electrical Equipment Control (Annual)
Commercial Demand Response	Load Reduction Contracted through 3rd Party
Commercial Standby Generator	Incentive for Load Transfer to Customer's Generator: \$4.00/kW/Month
Commercial HVAC Re-commissioning Program	HVAC Maintenance/Equipment Tune-up - \$25/ton
Electronically Commutated Motors (ECM) Program	Install Air Conditioning ECM equipment - \$180/HP Install Refrigeration ECM equipment - \$125/HP
Cool Roof	Retrofit with Cool Roof System - \$0.60/sq.ft. of roof space (\$15,000 maximum)
Energy Recovery Ventilation (ERV)	Install ERV system - Incentive based on Pressure Drop and ARI Net Thermal Effect Rating (\$ per cfm)
Refrigeration Program (Anti-condensate Controls)	Install controls for Anti-condensate heaters - \$0.65 per linear foot
Cogeneration	No measures with this program
Industrial Load Management (GSLM 2&3)	Load Control of Industrial Customers; Credit Determined Annually in ECCR Hearing; For 201, GSLM 2&3 credit is \$9.72/kW/Month
Renewable Energy Systems Initiative	Residential and Commercial PV - \$2.00/watt up to \$20,000; Residential SWH - \$1,000/Installation; School PV - 10kW with Battery Backup, Utility Owned for Five Years; Low Income SWH - Solar Water Heater, Utility Donated
Conservation Research and Development (R&D)	Undetermined R&D Field Projects on Evolving Technologies
Renewable Energy Program	Customers Purchase Renewable Blocks of Energy for \$5.00/Block

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For the following questions (6-9), only consider those programs which feature multiple measures. Please provide the name of each measure, and indicate with which program it is associated. Include all measures on a single table, adding columns as necessary.

6. Please provide, for each measure identified by the criteria above, the cumulative projected savings over the period 2010 through 2019. As part of this response, please also provide the percentage of the Commission's Authorized Goals and the Company's proposed demand and energy savings met by the measure. Please complete the table below and provide an electronic copy in Excel (.xls file format) with the hard copy response.

<b>Measure Information - Savings</b>		
Component Measure Name	-	
Program Name with Measure	-	
<b>Savings Associated with Measure</b>		
Summer Demand	(MW)	
Winter Demand	(MW)	
Annual Energy	(GWh)	
<b>% of Program</b>		
Summer Demand	(%)	
Winter Demand	(%)	
Annual Energy	(%)	
<b>% of Commission Authorized Goal</b>		
Summer Demand	(%)	
Winter Demand	(%)	
Annual Energy	(%)	

- A. The requested information is provided in the tables below and in the attached Excel file.

Residential

Measure Information - Savings	
Component Measure Name	Ceiling Insulation
Program Name with Measure	Residential Building Envelope
Savings Associated with Measure	
Summer Demand (MW)	4.533
Winter Demand (MW)	6.38
Annual Energy (GWH)	4.458
% of Program	
Summer Demand (%)	40.56%
Winter Demand (%)	78.54%
Annual Energy (%)	24.85%
% of Commission Authorized Goal	
Summer Demand (%)	5.26%
Winter Demand (%)	6.74%
Annual Energy (%)	2.42%

Measure Information - Savings	
Component Measure Name	Wall Insulation
Program Name with Measure	Residential Building Envelope
Savings Associated with Measure	
Summer Demand (MW)	0.045
Winter Demand (MW)	0.139
Annual Energy (GWH)	0.169
% of Program	
Summer Demand (%)	0.40%
Winter Demand (%)	1.71%
Annual Energy (%)	0.94%
% of Commission Authorized Goal	
Summer Demand (%)	0.05%
Winter Demand (%)	0.15%
Annual Energy (%)	0.09%

<b>Measure Information - Savings</b>	
Component Measure Name	Window Replacement
Program Name with Measure	Residential Building Envelope
<b>Savings Associated with Measure</b>	
Summer Demand (MW)	2.647
Winter Demand (MW)	1.604
Annual Energy (GWH)	5.48
<b>% of Program</b>	
Summer Demand (%)	23.68%
Winter Demand (%)	19.75%
Annual Energy (%)	30.54%
<b>% of Commission Authorized Goal</b>	
Summer Demand (%)	3.07%
Winter Demand (%)	1.69%
Annual Energy (%)	2.98%

<b>Measure Information - Savings</b>	
Component Measure Name	Window Film
Program Name with Measure	Residential Building Envelope
<b>Savings Associated with Measure</b>	
Summer Demand (MW)	3.952
Winter Demand (MW)	0
Annual Energy (GWH)	7.836
<b>% of Program</b>	
Summer Demand (%)	35.36%
Winter Demand (%)	0.00%
Annual Energy (%)	43.67%
<b>% of Commission Authorized Goal</b>	
Summer Demand (%)	4.59%
Winter Demand (%)	0.00%
Annual Energy (%)	4.26%

<b>Measure Information - Savings</b>	
Component Measure Name	Residential PV
Program Name with Measure	Renewable Energy Program
<b>Savings Associated with Measure</b>	
Summer Demand (MW)	0.895
Winter Demand (MW)	0
Annual Energy (GWH)	2.507
<b>% of Program</b>	
Summer Demand (%)	78.30%
Winter Demand (%)	0.00%
Annual Energy (%)	56.24%
<b>% of Commission Authorized Goal</b>	
Summer Demand (%)	1.04%
Winter Demand (%)	0.00%
Annual Energy (%)	1.36%

<b>Measure Information - Savings</b>	
Component Measure Name	Residential Hot Water
Program Name with Measure	Renewable Energy Program
<b>Savings Associated with Measure</b>	
Summer Demand (MW)	0.248
Winter Demand (MW)	0.504
Annual Energy (GWH)	1.951
<b>% of Program</b>	
Summer Demand (%)	21.70%
Winter Demand (%)	100.00%
Annual Energy (%)	43.76%
<b>% of Commission Authorized Goal</b>	
Summer Demand (%)	0.29%
Winter Demand (%)	0.53%
Annual Energy (%)	1.06%



Commercial

Measure Information - Savings	
Component Measure Name	Window Film
Program Name with Measure	Commercial Building Envelope
Savings Associated with Measure	
Summer Demand (MW)	0.797
Winter Demand (MW)	0.000
Annual Energy (GWH)	1.176
% of Program	
Summer Demand (%)	91.19%
Winter Demand (%)	0.00%
Annual Energy (%)	90.05%
% of Commission Authorized Goal	
Summer Demand (%)	1.53%
Winter Demand (%)	0.00%
Annual Energy (%)	0.67%

Measure Information - Savings	
Component Measure Name	Ceiling Insulation
Program Name with Measure	Commercial Building Envelope
Savings Associated with Measure	
Summer Demand (MW)	0.057
Winter Demand (MW)	0.022
Annual Energy (GWH)	0.098
% of Program	
Summer Demand (%)	6.52%
Winter Demand (%)	73.33%
Annual Energy (%)	7.50%
% of Commission Authorized Goal	
Summer Demand (%)	0.11%
Winter Demand (%)	0.15%
Annual Energy (%)	0.06%

<b>Measure Information - Savings</b>	
Component Measure Name	Roof Insulation
Program Name with Measure	Commercial Building Envelope
<b>Savings Associated with Measure</b>	
Summer Demand (MW)	0.015
Winter Demand (MW)	0.004
Annual Energy (GWH)	0.025
<b>% of Program</b>	
Summer Demand (%)	1.72%
Winter Demand (%)	13.33%
Annual Energy (%)	1.91%
<b>% of Commission Authorized Goal</b>	
Summer Demand (%)	0.03%
Winter Demand (%)	0.03%
Annual Energy (%)	0.01%

<b>Measure Information - Savings</b>	
Component Measure Name	Wall Insulation
Program Name with Measure	Commercial Building Envelope
<b>Savings Associated with Measure</b>	
Summer Demand (MW)	0.005
Winter Demand (MW)	0.004
Annual Energy (GWH)	0.007
<b>% of Program</b>	
Summer Demand (%)	0.57%
Winter Demand (%)	13.33%
Annual Energy (%)	0.54%
<b>% of Commission Authorized Goal</b>	
Summer Demand (%)	0.01%
Winter Demand (%)	0.03%
Annual Energy (%)	0.00%

<b>Measure Information - Savings</b>	
Component Measure Name	DX
Program Name with Measure	Commercial Cooling
<b>Savings Associated with Measure</b>	
Summer Demand (MW)	3.710
Winter Demand (MW)	0.000
Annual Energy (GWH)	7.181
<b>% of Program</b>	
Summer Demand (%)	97.40%
Winter Demand (%)	0.00%
Annual Energy (%)	96.04%
<b>% of Commission Authorized Goal</b>	
Summer Demand (%)	7.12%
Winter Demand (%)	0.00%
Annual Energy (%)	4.07%

<b>Measure Information - Savings</b>	
Component Measure Name	PTAC
Program Name with Measure	Commercial Cooling
<b>Savings Associated with Measure</b>	
Summer Demand (MW)	0.099
Winter Demand (MW)	0.000
Annual Energy (GWH)	0.296
<b>% of Program</b>	
Summer Demand (%)	2.60%
Winter Demand (%)	0.00%
Annual Energy (%)	22.66%
<b>% of Commission Authorized Goal</b>	
Summer Demand (%)	0.19%
Winter Demand (%)	0.00%
Annual Energy (%)	0.17%

<b>Measure Information - Savings</b>	
Component Measure Name	Conditioned Space
Program Name with Measure	Commercial Lighting
<b>Savings Associated with Measure</b>	
Summer Demand (MW)	8.522
Winter Demand (MW)	2.954
Annual Energy (GWH)	31.895
<b>% of Program</b>	
Summer Demand (%)	62.85%
Winter Demand (%)	38.68%
Annual Energy (%)	53.43%
<b>% of Commission Authorized Goal</b>	
Summer Demand (%)	16.36%
Winter Demand (%)	20.37%
Annual Energy (%)	18.09%

<b>Measure Information - Savings</b>	
Component Measure Name	Un-Conditioned Space
Program Name with Measure	Commercial Lighting
<b>Savings Associated with Measure</b>	
Summer Demand (MW)	3.825
Winter Demand (MW)	3.825
Annual Energy (GWH)	20.313
<b>% of Program</b>	
Summer Demand (%)	28.21%
Winter Demand (%)	50.08%
Annual Energy (%)	34.03%
<b>% of Commission Authorized Goal</b>	
Summer Demand (%)	7.34%
Winter Demand (%)	26.38%
Annual Energy (%)	11.52%

Measure Information - Savings	
Component Measure Name	Exit Signs
Program Name with Measure	Commercial Lighting
Savings Associated with Measure	
Summer Demand (MW)	1.213
Winter Demand (MW)	0.859
Annual Energy (GWH)	7.484
% of Program	
Summer Demand (%)	8.95%
Winter Demand (%)	11.25%
Annual Energy (%)	12.54%
% of Commission Authorized Goal	
Summer Demand (%)	2.33%
Winter Demand (%)	5.92%
Annual Energy (%)	4.25%

Measure Information - Savings	
Component Measure Name	Cyclic Control
Program Name with Measure	Commercial Load Management
Savings Associated with Measure	
Summer Demand (MW)	0.592
Winter Demand (MW)	0.000
Annual Energy (GWH)	0.000
% of Program	
Summer Demand (%)	37.66%
Winter Demand (%)	0.00%
Annual Energy (%)	0.00%
% of Commission Authorized Goal	
Summer Demand (%)	1.14%
Winter Demand (%)	0.00%
Annual Energy (%)	0.00%

Measure Information - Savings	
Component Measure Name	Extended Control
Program Name with Measure	Commercial Load Management
Savings Associated with Measure	
Summer Demand (MW)	0.980
Winter Demand (MW)	0.639
Annual Energy (GWH)	0.000
% of Program	
Summer Demand (%)	62.34%
Winter Demand (%)	8.37%
Annual Energy (%)	0.00%
% of Commission Authorized Goal	
Summer Demand (%)	1.88%
Winter Demand (%)	4.41%
Annual Energy (%)	0.00%

Measure Information - Savings	
Component Measure Name	HVAC Motors
Program Name with Measure	Electronically Commutated Motors
Savings Associated with Measure	
Summer Demand (MW)	0.804
Winter Demand (MW)	0.000
Annual Energy (GWH)	7.154
% of Program	
Summer Demand (%)	77.83%
Winter Demand (%)	0.00%
Annual Energy (%)	77.83%
% of Commission Authorized Goal	
Summer Demand (%)	1.54%
Winter Demand (%)	0.00%
Annual Energy (%)	4.06%

<b>Measure Information - Savings</b>	
Component Measure Name	Refrigeration Motors
Program Name with Measure	Electronically Commutated Motors
<b>Savings Associated with Measure</b>	
Summer Demand (MW)	0.229
Winter Demand (MW)	0.000
Annual Energy (GWH)	2.038
<b>% of Program</b>	
Summer Demand (%)	22.17%
Winter Demand (%)	0.00%
Annual Energy (%)	22.17%
<b>% of Commission Authorized Goal</b>	
Summer Demand (%)	0.44%
Winter Demand (%)	0.00%
Annual Energy (%)	1.16%

<b>Measure Information - Savings</b>	
Component Measure Name	Commercial PV
Program Name with Measure	Renewable Energy Program
<b>Savings Associated with Measure</b>	
Summer Demand (MW)	0.596
Winter Demand (MW)	0.000
Annual Energy (GWH)	1.668
<b>% of Program</b>	
Summer Demand (%)	66.52%
Winter Demand (%)	0.00%
Annual Energy (%)	95.21%
<b>% of Commission Authorized Goal</b>	
Summer Demand (%)	1.14%
Winter Demand (%)	0.00%
Annual Energy (%)	0.95%

<b>Measure Information - Savings</b>	
Component Measure Name	School PV
Program Name with Measure	Renewable Energy Program
<b>Savings Associated with Measure</b>	
Summer Demand (MW)	0.300
Winter Demand (MW)	0.000
Annual Energy (GWH)	0.084
<b>% of Program</b>	
Summer Demand (%)	33.48%
Winter Demand (%)	0.00%
Annual Energy (%)	4.79%
<b>% of Commission Authorized Goal</b>	
Summer Demand (%)	0.58%
Winter Demand (%)	0.00%
Annual Energy (%)	0.05%



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7. Please provide, for each measure identified by the criteria above, the cumulative net present value of expenditures required over the period 2010 through 2019. Please indicate the type of expenditure, separating them into categories including administrative, marketing, equipment, operations & maintenance, and incentives/rebates to customers. As part of this response, please also provide the percentage that each category represents of the total measure expenditures. Indicate the first year rate impact of these expenditures, percentage of the total Energy Conservation Cost Recovery Clause for the first year of these expenditures, and the lost revenues associated with the measure. Please complete the table below and provide an electronic copy in Excel (.xls file format) with the hard copy response.

<b>Measure Information - Total Costs</b>		
Component Measure Name	-	
Program Name with Measure	-	
<b>Measure Cost (Cumulative NPV)</b>		
Administrative	(\$)	
Education, Surveys, Marketing	(\$)	
Equipment, Installation, O&M	(\$)	
Incentives / Rebates	(\$)	
Total Cost	(\$)	
<b>Measure Cost (% of Measure)</b>		
Administrative	(%)	
Education, Surveys, Marketing	(%)	
Equipment, Installation, O&M	(%)	
Incentives / Rebates	(%)	
<b>Measure Rate Impact</b>		
Residential Rate Impact	(\$/mo)	
Percentage of Total ECCR Rate	(%)	
Lost Revenues	(\$)	

- A. The requested information is provided in the tables below and in the attached Excel file.

Residential

Measure Information - Total Costs	
Component Measure Name	Ceiling Insulation
Program Name with Measure	Residential Building Envelope
<b>Measure Cost (Cumulative NPV)</b>	
Administrative (\$)	144.40
Education, Surveys, Marketing (\$)	7.60
Equipment, Installation, O&M (\$)	1,310
Incentives/Rebates (\$)	647
Total Costs (\$)	1,462
<b>Measure Cost (% of Measure)</b>	
Administrative (%)	9.9%
Education, Surveys, Marketing (%)	0.5%
Equipment, Installation, O&M (%)	45.3%
Incentives/Rebates (%)	44.3%
<b>Measure Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0295
Percentage of Total ECCR Rate (%)	0.872%
Lost Revenues (\$)	1,111

Measure Information - Total Costs	
Component Measure Name	Wall Insulation
Program Name with Measure	Residential Building Envelope
<b>Measure Cost (Cumulative NPV)</b>	
Administrative (\$)	0.28
Education, Surveys, Marketing (\$)	0.02
Equipment, Installation, O&M (\$)	8
Incentives/Rebates (\$)	4
Total Costs (\$)	8.3
<b>Measure Cost (% of Measure)</b>	
Administrative (%)	3.4%
Education, Surveys, Marketing (%)	0.2%
Equipment, Installation, O&M (%)	48.2%
Incentives/Rebates (%)	48.2%
<b>Measure Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0002
Percentage of Total ECCR Rate (%)	0.007%
Lost Revenues (\$)	15

<b>Measure Information - Total Costs</b>	
Component Measure Name	Window Replacement
Program Name with Measure	Residential Building Envelope
<b>Measure Cost (Cumulative NPV)</b>	
Administrative (\$)	12.35
Education, Surveys, Marketing (\$)	0.65
Equipment, Installation, O&M (\$)	2,179
Incentives/Rebates (\$)	1,077
Total Costs (\$)	2,192
<b>Measure Cost (% of Measure)</b>	
Administrative (%)	0.6%
Education, Surveys, Marketing (%)	0.0%
Equipment, Installation, O&M (%)	50.3%
Incentives/Rebates (%)	49.1%
<b>Measure Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0227
Percentage of Total ECCR Rate (%)	0.672%
Lost Revenues (\$)	2,010

<b>Measure Information - Total Costs</b>	
Component Measure Name	Window Film
Program Name with Measure	Residential Building Envelope
<b>Measure Cost (Cumulative NPV)</b>	
Administrative (\$)	8.55
Education, Surveys, Marketing (\$)	0.45
Equipment, Installation, O&M (\$)	670
Incentives/Rebates (\$)	301
Total Costs (\$)	679
<b>Measure Cost (% of Measure)</b>	
Administrative (%)	1.3%
Education, Surveys, Marketing (%)	0.1%
Equipment, Installation, O&M (%)	54.3%
Incentives/Rebates (%)	44.3%
<b>Measure Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0068
Percentage of Total ECCR Rate (%)	0.200%
Lost Revenues (\$)	751

<b>Measure Information - Total Costs</b>	
Component Measure Name	Residential PV
Program Name with Measure	Renewable Energy Program
<b>Measure Cost (Cumulative NPV)</b>	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
<b>Measure Cost (% of Measure)</b>	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
<b>Measure Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.391
Percentage of Total ECCR Rate (%)	1.156%
Lost Revenues (\$)	No Results

<b>Measure Information - Total Costs</b>	
Component Measure Name	Residential Hot Water
Program Name with Measure	Renewable Energy Program
<b>Measure Cost (Cumulative NPV)</b>	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
<b>Measure Cost (% of Measure)</b>	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
<b>Measure Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0181
Percentage of Total ECCR Rate (%)	0.536%
Lost Revenues (\$)	No Results

Commercial

Measure Information - Total Costs	
Component Measure Name	Window Film
Program Name with Measure	Commercial Building Envelope
<b>Measure Cost (Cumulative NPV)</b>	
Administrative (\$)	0.95
Education, Surveys, Marketing (\$)	0.05
Equipment, Installation, O&M (\$)	129
Incentives/Rebates (\$)	64
Total Costs (\$)	130
<b>Measure Cost (% of Measure)</b>	
Administrative (%)	0.7%
Education, Surveys, Marketing (%)	0.0%
Equipment, Installation, O&M (%)	50.0%
Incentives/Rebates (%)	49.2%
<b>Measure Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0046
Percentage of Total ECCR Rate (%)	0.137%
Lost Revenues (\$)	157

Measure Information - Total Costs	
Component Measure Name	Ceiling Insulation
Program Name with Measure	Commercial Building Envelope
<b>Measure Cost (Cumulative NPV)</b>	
Administrative (\$)	0.351
Education, Surveys, Marketing (\$)	0.019
Equipment, Installation, O&M (\$)	8
Incentives/Rebates (\$)	4
Total Costs (\$)	8.37
<b>Measure Cost (% of Measure)</b>	
Administrative (%)	4.2%
Education, Surveys, Marketing (%)	0.2%
Equipment, Installation, O&M (%)	47.8%
Incentives/Rebates (%)	47.8%
<b>Measure Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0002
Percentage of Total ECCR Rate (%)	0.006%
Lost Revenues (\$)	41

Measure Information - Total Costs	
Component Measure Name	Roof Insulation
Program Name with Measure	Commercial Building Envelope
<b>Measure Cost (Cumulative NPV)</b>	
Administrative (\$)	0.351
Education, Surveys, Marketing (\$)	0.019
Equipment, Installation, O&M (\$)	4
Incentives/Rebates (\$)	2
Total Costs (\$)	4.37
<b>Measure Cost (% of Measure)</b>	
Administrative (%)	8.0%
Education, Surveys, Marketing (%)	0.4%
Equipment, Installation, O&M (%)	45.8%
Incentives/Rebates (%)	45.8%
<b>Measure Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0002
Percentage of Total ECCR Rate (%)	0.006%
Lost Revenues (\$)	7

Measure Information - Total Costs	
Component Measure Name	Wall Insulation
Program Name with Measure	Commercial Building Envelope
<b>Measure Cost (Cumulative NPV)</b>	
Administrative (\$)	0.066
Education, Surveys, Marketing (\$)	0.004
Equipment, Installation, O&M (\$)	2
Incentives/Rebates (\$)	1
Total Costs (\$)	2.07
<b>Measure Cost (% of Measure)</b>	
Administrative (%)	3.2%
Education, Surveys, Marketing (%)	0.2%
Equipment, Installation, O&M (%)	48.3%
Incentives/Rebates (%)	48.3%
<b>Measure Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0001
Percentage of Total ECCR Rate (%)	0.003%
Lost Revenues (\$)	3

<b>Measure Information - Total Costs</b>	
Component Measure Name	DX
Program Name with Measure	Commercial Cooling
<b>Measure Cost (Cumulative NPV)</b>	
Administrative (\$)	9.5
Education, Surveys, Marketing (\$)	0.5
Equipment, Installation, O&M (\$)	508
Incentives/Rebates (\$)	201
Total Costs (\$)	518
<b>Measure Cost (% of Measure)</b>	
Administrative (%)	1.8%
Education, Surveys, Marketing (%)	0.1%
Equipment, Installation, O&M (%)	59.3%
Incentives/Rebates (%)	38.8%
<b>Measure Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0110
Percentage of Total ECCR Rate (%)	0.325%
Lost Revenues (\$)	1,421

<b>Measure Information - Total Costs</b>	
Component Measure Name	PTAC
Program Name with Measure	Commercial Cooling
<b>Measure Cost (Cumulative NPV)</b>	
Administrative (\$)	1.9
Education, Surveys, Marketing (\$)	0.1
Equipment, Installation, O&M (\$)	10
Incentives/Rebates (\$)	4
Total Costs (\$)	12
<b>Measure Cost (% of Measure)</b>	
Administrative (%)	15.8%
Education, Surveys, Marketing (%)	0.8%
Equipment, Installation, O&M (%)	50.0%
Incentives/Rebates (%)	33.3%
<b>Measure Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0002
Percentage of Total ECCR Rate (%)	0.006%
Lost Revenues (\$)	78

<b>Measure Information - Total Costs</b>	
Component Measure Name	Conditioned Space
Program Name with Measure	Commercial Lighting
<b>Measure Cost (Cumulative NPV)</b>	
Administrative (\$)	3.8
Education, Surveys, Marketing (\$)	0.2
Equipment, Installation, O&M (\$)	492
Incentives/Rebates (\$)	126
Total Costs (\$)	496
<b>Measure Cost (% of Measure)</b>	
Administrative (%)	0.8%
Education, Surveys, Marketing (%)	0.0%
Equipment, Installation, O&M (%)	73.8%
Incentives/Rebates (%)	25.4%
<b>Measure Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0246
Percentage of Total ECCR Rate (%)	0.728%
Lost Revenues (\$)	2665

<b>Measure Information - Total Costs</b>	
Component Measure Name	Un-Conditioned Space
Program Name with Measure	Commercial Lighting
<b>Measure Cost (Cumulative NPV)</b>	
Administrative (\$)	0.95
Education, Surveys, Marketing (\$)	0.05
Equipment, Installation, O&M (\$)	658
Incentives/Rebates (\$)	130
Total Costs (\$)	659
<b>Measure Cost (% of Measure)</b>	
Administrative (%)	0.1%
Education, Surveys, Marketing (%)	0.0%
Equipment, Installation, O&M (%)	80.1%
Incentives/Rebates (%)	19.7%
<b>Measure Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0138
Percentage of Total ECCR Rate (%)	0.409%
Lost Revenues (\$)	2,972



Measure Information - Total Costs	
Component Measure Name	Exit Signs
Program Name with Measure	Commercial Lighting
Measure Cost (Cumulative NPV)	
Administrative (\$)	0.95
Education, Surveys, Marketing (\$)	0.05
Equipment, Installation, O&M (\$)	15
Incentives/Rebates (\$)	7
Total Costs (\$)	16
Measure Cost (% of Measure)	
Administrative (%)	5.9%
Education, Surveys, Marketing (%)	0.3%
Equipment, Installation, O&M (%)	50.0%
Incentives/Rebates (%)	43.8%
Measure Rate Impact	
Residential Rate Impact (\$/mo)	0.0022
Percentage of Total ECCR Rate (%)	0.0650%
Lost Revenues (\$)	73

Measure Information - Total Costs	
Component Measure Name	HVAC Motors
Program Name with Measure	Electronically Commutated Motors
Measure Cost (Cumulative NPV)	
Administrative (\$)	0.95
Education, Surveys, Marketing (\$)	0.05
Equipment, Installation, O&M (\$)	26
Incentives/Rebates (\$)	8
Total Costs (\$)	27
Measure Cost (% of Measure)	
Administrative (%)	3.5%
Education, Surveys, Marketing (%)	0.2%
Equipment, Installation, O&M (%)	66.7%
Incentives/Rebates (%)	29.6%
Measure Rate Impact	
Residential Rate Impact (\$/mo)	0.0005
Percentage of Total ECCR Rate (%)	0.015%
Lost Revenues (\$)	182

Measure Information - Total Costs	
Component Measure Name	Refrigeration Motors
Program Name with Measure	Electronically Commutated Motors
<b>Measure Cost (Cumulative NPV)</b>	
Administrative (\$)	0.95
Education, Surveys, Marketing (\$)	0.05
Equipment, Installation, O&M (\$)	11
Incentives/Rebates (\$)	5
Total Costs (\$)	12
<b>Measure Cost (% of Measure)</b>	
Administrative (%)	7.9%
Education, Surveys, Marketing (%)	0.4%
Equipment, Installation, O&M (%)	50.0%
Incentives/Rebates (%)	41.7%
<b>Measure Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0005
Percentage of Total ECCR Rate (%)	0.02%
Lost Revenues (\$)	36

Measure Information - Total Costs	
Component Measure Name	Commercial PV
Program Name with Measure	Renewable Energy Program
<b>Measure Cost (Cumulative NPV)</b>	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
<b>Measure Cost (% of Measure)</b>	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
<b>Measure Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0384
Percentage of Total ECCR Rate (%)	1.136%
Lost Revenues (\$)	No Results

<b>Measure Information - Total Costs</b>	
Component Measure Name	School PV
Program Name with Measure	Renewable Energy Program
<b>Measure Cost (Cumulative NPV)</b>	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
<b>Measure Cost (% of Measure)</b>	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
<b>Measure Rate Impact</b>	
Residential Rate Impact (\$/mo)	0.0131
Percentage of Total ECCR Rate (%)	0.389%
Lost Revenues (\$)	No Results

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8. Please provide, for each measure identified by the criteria above, the results of the E-TRC, E- RIM, and Participants Tests. Include the cumulative net present values of all benefits and costs. As part of this response, please also provide the payback period for each measure. Please complete the table below and provide an electronic copy in Excel (.xls file format) with the hard copy response.

<b>Measure Information - Cost Effectiveness</b>		
Component Measure Name	-	
Program Name with Measure	-	
<b>E-TRC Test Results</b>		
Total Benefits	(\$)	
Total Costs	(\$)	
Ratio	-	
<b>E-RIM Test Results</b>		
Total Benefits	(\$)	
Total Costs	(\$)	
Ratio	-	
<b>Participants Test Results</b>		
Total Benefits	(\$)	
Total Costs	(\$)	
Ratio	-	
<b>Payback Period</b>		
E-TRC Test	(Yrs)	
E-RIM Test	(Yrs)	
Participants Test	(Yrs)	

- A. The requested information is provided in the table below and in the attached Excel file.

Residential

Measure Information - Cost Effectiveness	
Component Measure Name	Ceiling Insulation
Program Name with Measure	Residential Building Envelope
E-TRC Test Results	
Total Benefits \$ (000)	2,509
Total Costs \$ (000)	1,461
Ratio	1.72
E-RIM Test Results	
Total Benefits \$ (000)	2,509
Total Costs \$ (000)	1,910
Ratio	1.31
Participants Test Results	
Total Benefits \$ (000)	1,758
Total Costs \$ (000)	1,310
Ratio	1.34
Payback Period	
E-TRC Test (Yrs)	11
E-RIM Test (yrs)	10
Participants Test (Yrs)	11

Measure Information - Cost Effectiveness	
Component Measure Name	Wall Insulation
Program Name with Measure	Residential Building Envelope
E-TRC Test Results	
Total Benefits \$ (000)	21
Total Costs \$ (000)	8
Ratio	2.52
E-RIM Test Results	
Total Benefits \$ (000)	21
Total Costs \$ (000)	19
Ratio	1.12
Participants Test Results	
Total Benefits \$ (000)	19
Total Costs \$ (000)	8
Ratio	2.3
Payback Period	
E-TRC Test (Yrs)	8
E-RIM Test (yrs)	15
Participants Test (Yrs)	5

Measure Information - Cost Effectiveness	
Component Measure Name	Window Replacement
Program Name with Measure	Residential Building Envelope
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	3,593
Total Costs \$ (000)	2,192
Ratio	1.64
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	3,593
Total Costs \$ (000)	3,100
Ratio	1.16
<b>Participants Test Results</b>	
Total Benefits \$ (000)	3,086
Total Costs \$ (000)	2,179
Ratio	1.42
<b>Payback Period</b>	
E-TRC Test (Yrs)	12
E-RIM Test (yrs)	14
Participants Test (Yrs)	10

Measure Information - Cost Effectiveness	
Component Measure Name	Window Film
Program Name with Measure	Residential Building Envelope
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	1,085
Total Costs \$ (000)	679
Ratio	1.6
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	1,085
Total Costs \$ (000)	1,061
Ratio	1.02
<b>Participants Test Results</b>	
Total Benefits \$ (000)	1,052
Total Costs \$ (000)	670
Ratio	1.57
<b>Payback Period</b>	
E-TRC Test (Yrs)	9
E-RIM Test (yrs)	14
Participants Test (Yrs)	6

<b>Measure Information - Cost Effectiveness</b>	
Component Measure Name	Residential PV
Program Name with Measure	Renewable Energy Program
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Participants Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Payback Period</b>	
E-TRC Test (Yrs)	No Results
E-RIM Test (yrs)	No Results
Participants Test (Yrs)	No Results

<b>Measure Information - Cost Effectiveness</b>	
Component Measure Name	Residential Hot Water
Program Name with Measure	Renewable Energy Program
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Participants Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Payback Period</b>	
E-TRC Test (Yrs)	No Results
E-RIM Test (yrs)	No Results
Participants Test (Yrs)	No Results

Commercial

<b>Measure Information - Cost Effectiveness</b>	
Component Measure Name	Window Film
Program Name with Measure	Commercial Building Envelope
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	179
Total Costs \$ (000)	130
Ratio	1.37
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	179
Total Costs \$ (000)	222
Ratio	0.81
<b>Participants Test Results</b>	
Total Benefits \$ (000)	221
Total Costs \$ (000)	129
Ratio	1.71
<b>Payback Period</b>	
E-TRC Test (Yrs)	10
E-RIM Test (yrs)	>15
Participants Test (Yrs)	5

<b>Measure Information - Cost Effectiveness</b>	
Component Measure Name	Ceiling Insulation
Program Name with Measure	Commercial Building Envelope
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	53
Total Costs \$ (000)	8
Ratio	6.63
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	53
Total Costs \$ (000)	45
Ratio	1.16
<b>Participants Test Results</b>	
Total Benefits \$ (000)	45
Total Costs \$ (000)	8
Ratio	5.93
<b>Payback Period</b>	
E-TRC Test (Yrs)	3
E-RIM Test (yrs)	9
Participants Test (Yrs)	2



Measure Information - Cost Effectiveness	
Component Measure Name	Roof Insulation
Program Name with Measure	Commercial Building Envelope
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	9
Total Costs \$ (000)	5
Ratio	1.92
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	9
Total Costs \$ (000)	10
Ratio	0.92
<b>Participants Test Results</b>	
Total Benefits \$ (000)	10
Total Costs \$ (000)	4
Ratio	2.16
<b>Payback Period</b>	
E-TRC Test (Yrs)	9
E-RIM Test (yrs)	>20
Participants Test (Yrs)	4

Measure Information - Cost Effectiveness	
Component Measure Name	Wall Insulation
Program Name with Measure	Commercial Building Envelope
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	3
Total Costs \$ (000)	2
Ratio	2.09
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	3
Total Costs \$ (000)	4
Ratio	0.95
<b>Participants Test Results</b>	
Total Benefits \$ (000)	4
Total Costs \$ (000)	2
Ratio	2.24
<b>Payback Period</b>	
E-TRC Test (Yrs)	9
E-RIM Test (yrs)	>25
Participants Test (Yrs)	5

<b>Measure Information - Cost Effectiveness</b>	
Component Measure Name	DX
Program Name with Measure	Commercial Cooling
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	1,658
Total Costs \$ (000)	518
Ratio	3.2
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	1,658
Total Costs \$ (000)	1,632
Ratio	1.02
<b>Participants Test Results</b>	
Total Benefits \$ (000)	1,622
Total Costs \$ (000)	508
Ratio	3.19
<b>Payback Period</b>	
E-TRC Test (Yrs)	5
E-RIM Test (yrs)	13
Participants Test (Yrs)	3

<b>Measure Information - Cost Effectiveness</b>	
Component Measure Name	PTAC
Program Name with Measure	Commercial Cooling
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	94
Total Costs \$ (000)	12
Ratio	8.2
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	94
Total Costs \$ (000)	84
Ratio	1.13
<b>Participants Test Results</b>	
Total Benefits \$ (000)	82
Total Costs \$ (000)	10
Ratio	8.54
<b>Payback Period</b>	
E-TRC Test (Yrs)	3
E-RIM Test (yrs)	8
Participants Test (Yrs)	1

<b>Measure Information - Cost Effectiveness</b>	
Component Measure Name	Conditioned Space
Program Name with Measure	Commercial Lighting
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	2,680
Total Costs \$ (000)	496
Ratio	5.41
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	2,680
Total Costs \$ (000)	2,795
Ratio	0.96
<b>Participants Test Results</b>	
Total Benefits \$ (000)	2,791
Total Costs \$ (000)	492
Ratio	5.68
<b>Payback Period</b>	
E-TRC Test (Yrs)	3
E-RIM Test (yrs)	>15
Participants Test (Yrs)	2

<b>Measure Information - Cost Effectiveness</b>	
Component Measure Name	Un-Conditioned Space
Program Name with Measure	Commercial Lighting
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	3,092
Total Costs \$ (000)	659
Ratio	4.69
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	3,092
Total Costs \$ (000)	3,103
Ratio	1
<b>Participants Test Results</b>	
Total Benefits \$ (000)	3,102
Total Costs \$ (000)	658
Ratio	4.72
<b>Payback Period</b>	
E-TRC Test (Yrs)	4
E-RIM Test (yrs)	>15
Participants Test (Yrs)	2

<b>Measure Information - Cost Effectiveness</b>	
Component Measure Name	Exit Signs
Program Name with Measure	Commercial Lighting
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	78
Total Costs \$ (000)	16
Ratio	4.88
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	78
Total Costs \$ (000)	82
Ratio	0.96
<b>Participants Test Results</b>	
Total Benefits \$ (000)	81
Total Costs \$ (000)	15
Ratio	5.42
<b>Payback Period</b>	
E-TRC Test (Yrs)	4
E-RIM Test (yrs)	>12
Participants Test (Yrs)	2

<b>Measure Information - Cost Effectiveness</b>	
Component Measure Name	HVAC Motors
Program Name with Measure	Electronically Commutated Motors
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	239
Total Costs \$ (000)	26
Ratio	9.05
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	239
Total Costs \$ (000)	190
Ratio	1.26
<b>Participants Test Results</b>	
Total Benefits \$ (000)	189
Total Costs \$ (000)	26
Ratio	7.4
<b>Payback Period</b>	
E-TRC Test (Yrs)	2
E-RIM Test (yrs)	5
Participants Test (Yrs)	2

<b>Measure Information - Cost Effectiveness</b>	
Component Measure Name	Refrigeration Motors
Program Name with Measure	Electronically Commutated Motors
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	48
Total Costs \$ (000)	12
Ratio	4.04
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	48
Total Costs \$ (000)	43
Ratio	1.12
<b>Participants Test Results</b>	
Total Benefits \$ (000)	42
Total Costs \$ (000)	11
Ratio	3.81
<b>Payback Period</b>	
E-TRC Test (Yrs)	4
E-RIM Test (yrs)	10
Participants Test (Yrs)	2

<b>Measure Information - Cost Effectiveness</b>	
Component Measure Name	Commercial PV
Program Name with Measure	Renewable Energy Program
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Participants Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Payback Period</b>	
E-TRC Test (Yrs)	No Results
E-RIM Test (yrs)	No Results
Participants Test (Yrs)	No Results

<b>Measure Information - Cost Effectiveness</b>	
Component Measure Name	School PV
Program Name with Measure	Renewable Energy Program
<b>E-TRC Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>E-RIM Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Participants Test Results</b>	
Total Benefits \$ (000)	No Results
Total Costs \$ (000)	No Results
Ratio	No Results
<b>Payback Period</b>	
E-TRC Test (Yrs)	No Results
E-RIM Test (yrs)	No Results
Participants Test (Yrs)	No Results

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9. Please provide, for each measure identified by the criteria above, the incentive rate provided and the estimated customer equipment cost. Indicate the amount of non-recurring expenses by category, including administrative, equipment, and incentives/rebates to customers. As part of this response, please also provide the rate for recurring expenses by category. Please complete the table below and provide an electronic copy in Excel (.xls file format) with the hard copy response.

<b>Measure Information - Per Customer Costs</b>		
Component Measure Name	-	
Program Name with Measure	-	
<b>Measure Incentives &amp; Duration</b>		
Incentive / Rebate Rate		
Customer Equipment Cost	(\$)	
Estimated Life of Measure	(Years)	
<b>Non-Recurring Measure Expenses</b>		
Administrative	(\$/Customer)	
Equipment	(\$/Customer)	
Incentive / Rebate (Typical)	(\$/Customer)	
<b>Recurring Measure Expenses</b>		
Administrative	(\$/Customer/Year)	
Equipment	(\$/Customer/Year)	
O&M	(\$/Customer/Year)	
Incentive / Rebate (Typical)	(\$/Customer/Year)	

- A. The requested information is provided in the tables below and in the attached Excel file.

Residential

Measure Information - Per Customer Costs	
Component Measure Name	Ceiling Insulation
Program Name with Measure	Residential Building Envelope
Measure Incentives & Duration	
Incentive/Rebate Rate (\$)	\$ 220.10
Customer Equipment Cost (\$)	\$ 440.20
Estimated Life of Measure (Yrs)	25
Non-Recurring Measure Expenses	
Administrative (\$/Customer/Year)	\$ 51.00
Equipment (\$/Customer/Year)	\$ -
Incentives/Rebates (\$/Customer/Year)	\$ 220.10
Recurring Measure Expenses	
Administrative (\$/Customer/Year)	
Equipment (\$/Customer/Year)	
O&M (\$/Customer/Year)	
Incentives/Rebates (\$/Customer/Year)	

Measure Information - Per Customer Costs	
Component Measure Name	Wall Insulation
Program Name with Measure	Residential Building Envelope
Measure Incentives & Duration	
Incentive/Rebate Rate (\$)	\$ 516.00
Customer Equipment Cost (\$)	\$ 1,032.00
Estimated Life of Measure (Yrs)	25
Non-Recurring Measure Expenses	
Administrative (\$/Customer/Year)	\$ 38.00
Equipment (\$/Customer/Year)	\$ -
Incentives/Rebates (\$/Customer/Year)	\$ 516.00
Recurring Measure Expenses	
Administrative (\$/Customer/Year)	
Equipment (\$/Customer/Year)	
O&M (\$/Customer/Year)	
Incentives/Rebates (\$/Customer/Year)	



Measure Information - Per Customer Costs	
Component Measure Name	Window Replacement
Program Name with Measure	Residential Building Envelope
Measure Incentives & Duration	
Incentive/Rebate Rate (\$)	\$ 824.14
Customer Equipment Cost (\$)	\$ 1,648.28
Estimated Life of Measure (Yrs)	25
Non-Recurring Measure Expenses	
Administrative (\$/Customer/Year)	\$ 10.00
Equipment (\$/Customer/Year)	\$ -
Incentives/Rebates (\$/Customer/Year)	\$ 824.14
Recurring Measure Expenses	
Administrative (\$/Customer/Year)	
Equipment (\$/Customer/Year)	
O&M (\$/Customer/Year)	
Incentives/Rebates (\$/Customer/Year)	

Measure Information - Per Customer Costs	
Component Measure Name	Window Film
Program Name with Measure	Residential Building Envelope
Measure Incentives & Duration	
Incentive/Rebate Rate (\$)	\$ 276.64
Customer Equipment Cost (\$)	\$ 608.00
Estimated Life of Measure (Yrs)	15
Non-Recurring Measure Expenses	
Administrative (\$/Customer/Year)	\$ 8.00
Equipment (\$/Customer/Year)	\$ -
Incentives/Rebates (\$/Customer/Year)	\$ 276.41
Recurring Measure Expenses	
Administrative (\$/Customer/Year)	
Equipment (\$/Customer/Year)	
O&M (\$/Customer/Year)	
Incentives/Rebates (\$/Customer/Year)	

<b>Measure Information - Per Customer Costs</b>	
Component Measure Name	Residential PV
Program Name with Measure	Renewable Energy Program
<b>Measure Incentives &amp; Duration</b>	
Incentive/Rebate Rate (\$)	No Evaluation
Customer Equipment Cost (\$)	No Evaluation
Estimated Life of Measure (Yrs)	No Evaluation
<b>Non-Recurring Measure Expenses</b>	
Administrative (\$/Customer/Year)	No Evaluation
Equipment (\$/Customer/Year)	No Evaluation
Incentives/Rebates (\$/Customer/Year)	No Evaluation
<b>Recurring Measure Expenses</b>	
Administrative (\$/Customer/Year)	No Evaluation
Equipment (\$/Customer/Year)	No Evaluation
O&M (\$/Customer/Year)	No Evaluation
Incentives/Rebates (\$/Customer/Year)	No Evaluation

<b>Measure Information - Per Customer Costs</b>	
Component Measure Name	Residential Hot Water
Program Name with Measure	Renewable Energy Program
<b>Measure Incentives &amp; Duration</b>	
Incentive/Rebate Rate (\$)	No Evaluation
Customer Equipment Cost (\$)	No Evaluation
Estimated Life of Measure (Yrs)	No Evaluation
<b>Non-Recurring Measure Expenses</b>	
Administrative (\$/Customer/Year)	No Evaluation
Equipment (\$/Customer/Year)	No Evaluation
Incentives/Rebates (\$/Customer/Year)	No Evaluation
<b>Recurring Measure Expenses</b>	
Administrative (\$/Customer/Year)	No Evaluation
Equipment (\$/Customer/Year)	No Evaluation
O&M (\$/Customer/Year)	No Evaluation
Incentives/Rebates (\$/Customer/Year)	No Evaluation

<b>Measure Information - Per Customer Costs</b>	
Component Measure Name	Window Film
Program Name with Measure	Commercial Building Envelope
<b>Measure Incentives &amp; Duration</b>	
Incentive/Rebate Rate (\$)	\$ 1,655.42
Customer Equipment Cost (\$)	\$ 3,310.84
Estimated Life of Measure (Yrs)	15
<b>Non-Recurring Measure Expenses</b>	
Administrative (\$/Customer/Year)	\$ 25.00
Equipment (\$/Customer/Year)	\$ -
Incentives/Rebates (\$/Customer/Year)	\$ 1,655.42
<b>Recurring Measure Expenses</b>	
Administrative (\$/Customer/Year)	
Equipment (\$/Customer/Year)	
O&M (\$/Customer/Year)	
Incentives/Rebates (\$/Customer/Year)	

<b>Measure Information - Per Customer Costs</b>	
Component Measure Name	Ceiling Insulation
Program Name with Measure	Commercial Building Envelope
<b>Measure Incentives &amp; Duration</b>	
Incentive/Rebate Rate (\$)	\$ 389.10
Customer Equipment Cost (\$)	\$ 778.19
Estimated Life of Measure (Yrs)	25
<b>Non-Recurring Measure Expenses</b>	
Administrative (\$/Customer/Year)	\$ 38.00
Equipment (\$/Customer/Year)	\$ -
Incentives/Rebates (\$/Customer/Year)	\$ 389.10
<b>Recurring Measure Expenses</b>	
Administrative (\$/Customer/Year)	
Equipment (\$/Customer/Year)	
O&M (\$/Customer/Year)	
Incentives/Rebates (\$/Customer/Year)	

<b>Measure Information - Per Customer Costs</b>	
Component Measure Name	Roof Insulation
Program Name with Measure	Commercial Building Envelope
<b>Measure Incentives &amp; Duration</b>	
Incentive/Rebate Rate (\$)	\$ 228.45
Customer Equipment Cost (\$)	\$ 456.90
Estimated Life of Measure (Yrs)	20
<b>Non-Recurring Measure Expenses</b>	
Administrative (\$/Customer/Year)	\$ 38.00
Equipment (\$/Customer/Year)	\$ -
Incentives/Rebates (\$/Customer/Year)	\$ 228.45
<b>Recurring Measure Expenses</b>	
Administrative (\$/Customer/Year)	
Equipment (\$/Customer/Year)	
O&M (\$/Customer/Year)	
Incentives/Rebates (\$/Customer/Year)	

<b>Measure Information - Per Customer Costs</b>	
Component Measure Name	Wall Insulation
Program Name with Measure	Commercial Building Envelope
<b>Measure Incentives &amp; Duration</b>	
Incentive/Rebate Rate (\$)	\$ 403.20
Customer Equipment Cost (\$)	\$ 806.40
Estimated Life of Measure (Yrs)	25
<b>Non-Recurring Measure Expenses</b>	
Administrative (\$/Customer/Year)	\$ 35.00
Equipment (\$/Customer/Year)	\$ -
Incentives/Rebates (\$/Customer/Year)	\$ 403.20
<b>Recurring Measure Expenses</b>	
Administrative (\$/Customer/Year)	
Equipment (\$/Customer/Year)	
O&M (\$/Customer/Year)	
Incentives/Rebates (\$/Customer/Year)	

Measure Information - Per Customer Costs	
Component Measure Name	DX
Program Name with Measure	Commercial Cooling
Measure Incentives & Duration	
Incentive/Rebate Rate (\$)	528.00
Customer Equipment Cost (\$)	1,320.00
Estimated Life of Measure (Yrs)	15
Non-Recurring Measure Expenses	
Administrative (\$/Customer/Year)	25.00
Equipment (\$/Customer/Year)	-
Incentives/Rebates (\$/Customer/Year)	528.00
Recurring Measure Expenses	
Administrative (\$/Customer/Year)	
Equipment (\$/Customer/Year)	
O&M (\$/Customer/Year)	
Incentives/Rebates (\$/Customer/Year)	

Measure Information - Per Customer Costs	
Component Measure Name	PTAC
Program Name with Measure	Commercial Cooling
Measure Incentives & Duration	
Incentive/Rebate Rate (\$)	\$ 37.50
Customer Equipment Cost (\$)	\$ 98.00
Estimated Life of Measure (Yrs)	15
Non-Recurring Measure Expenses	
Administrative (\$/Customer/Year)	\$ 20.00
Equipment (\$/Customer/Year)	\$ -
Incentives/Rebates (\$/Customer/Year)	\$ 37.50
Recurring Measure Expenses	
Administrative (\$/Customer/Year)	
Equipment (\$/Customer/Year)	
O&M (\$/Customer/Year)	
Incentives/Rebates (\$/Customer/Year)	

<b>Measure Information - Per Customer Costs</b>	
Component Measure Name	Conditioned Space
Program Name with Measure	Commercial Lighting
<b>Measure Incentives &amp; Duration</b>	
Incentive/Rebate Rate (\$)	\$ 3,299.66
Customer Equipment Cost (\$)	\$ 12,691.00
Estimated Life of Measure (Yrs)	15
<b>Non-Recurring Measure Expenses</b>	
Administrative (\$/Customer/Year)	\$ 100.00
Equipment (\$/Customer/Year)	\$ -
Incentives/Rebates (\$/Customer/Year)	\$ 3,299.66
<b>Recurring Measure Expenses</b>	
Administrative (\$/Customer/Year)	
Equipment (\$/Customer/Year)	
O&M (\$/Customer/Year)	
Incentives/Rebates (\$/Customer/Year)	

<b>Measure Information - Per Customer Costs</b>	
Component Measure Name	Un-Conditioned Space
Program Name with Measure	Commercial Lighting
<b>Measure Incentives &amp; Duration</b>	
Incentive/Rebate Rate (\$)	\$ 5,452.61
Customer Equipment Cost (\$)	\$ 27,127.39
Estimated Life of Measure (Yrs)	15
<b>Non-Recurring Measure Expenses</b>	
Administrative (\$/Customer/Year)	\$ 35.00
Equipment (\$/Customer/Year)	\$ -
Incentives/Rebates (\$/Customer/Year)	\$ 5,452.61
<b>Recurring Measure Expenses</b>	
Administrative (\$/Customer/Year)	
Equipment (\$/Customer/Year)	
O&M (\$/Customer/Year)	
Incentives/Rebates (\$/Customer/Year)	

Measure Information - Per Customer Costs	
Component Measure Name	Exit Signs
Program Name with Measure	Commercial Lighting
Measure Incentives & Duration	
Incentive/Rebate Rate (\$)	\$ 125.00
Customer Equipment Cost (\$)	\$ 250.00
Estimated Life of Measure (Yrs)	15
Non-Recurring Measure Expenses	
Administrative (\$/Customer/Year)	\$ 20.00
Equipment (\$/Customer/Year)	\$ -
Incentives/Rebates (\$/Customer/Year)	\$ 125.00
Recurring Measure Expenses	
Administrative (\$/Customer/Year)	
Equipment (\$/Customer/Year)	
O&M (\$/Customer/Year)	
Incentives/Rebates (\$/Customer/Year)	

Measure Information - Per Customer Costs	
Component Measure Name	Cyclic Control
Program Name with Measure	Commercial Load Management
Measure Incentives & Duration	
Incentive/Rebate Rate (\$)	See Recurring
Customer Equipment Cost (\$)	\$ -
Estimated Life of Measure (Yrs)	25
Non-Recurring Measure Expenses	
Administrative (\$/Customer/Year)	\$ 50.00
Equipment (\$/Customer/Year)	\$ 770.00
Incentives/Rebates (\$/Customer/Year)	See Recurring
Recurring Measure Expenses	
Administrative (\$/Customer/Year)	\$ 6.00
Equipment (\$/Customer/Year)	\$ -
O&M (\$/Customer/Year)	\$ 10.00
Incentives/Rebates (\$/Customer/Year)	\$ 415.80

Measure Information - Per Customer Costs	
Component Measure Name	Extended Control
Program Name with Measure	Commercial Load Management
Measure Incentives & Duration	
Incentive/Rebate Rate (\$)	See Recurring
Customer Equipment Cost (\$)	\$ -
Estimated Life of Measure (Yrs)	25
Non-Recurring Measure Expenses	
Administrative (\$/Customer/Year)	\$ 200.00
Equipment (\$/Customer/Year)	\$ 2,107.00
Incentives/Rebates (\$/Customer/Year)	See Recurring
Recurring Measure Expenses	
Administrative (\$/Customer/Year)	\$ 68.00
Equipment (\$/Customer/Year)	\$ -
O&M (\$/Customer/Year)	\$ 500.00
Incentives/Rebates (\$/Customer/Year)	\$ 3,776.00

Measure Information - Per Customer Costs	
Component Measure Name	HVAC Motors
Program Name with Measure	Electronically Commutated Motors
Measure Incentives & Duration	
Incentive/Rebate Rate (\$)	\$ 180.00
Customer Equipment Cost (\$)	\$ 600.00
Estimated Life of Measure (Yrs)	15
Non-Recurring Measure Expenses	
Administrative (\$/Customer/Year)	\$ 20.00
Equipment (\$/Customer/Year)	\$ -
Incentives/Rebates (\$/Customer/Year)	\$ 180.00
Recurring Measure Expenses	
Administrative (\$/Customer/Year)	
Equipment (\$/Customer/Year)	
O&M (\$/Customer/Year)	
Incentives/Rebates (\$/Customer/Year)	



Measure Information - Per Customer Costs	
Component Measure Name	Refrigeration Motors
Program Name with Measure	Electronically Commutated Motors
Measure Incentives & Duration	
Incentive/Rebate Rate (\$)	128.5
Customer Equipment Cost (\$)	257
Estimated Life of Measure (Yrs)	15
Non-Recurring Measure Expenses	
Administrative (\$/Customer/Year)	\$ 20.00
Equipment (\$/Customer/Year)	\$ -
Incentives/Rebates (\$/Customer/Year)	\$ 128.50
Recurring Measure Expenses	
Administrative (\$/Customer/Year)	
Equipment (\$/Customer/Year)	
O&M (\$/Customer/Year)	
Incentives/Rebates (\$/Customer/Year)	

Measure Information - Per Customer Costs	
Component Measure Name	Commercial PV
Program Name with Measure	Renewable Energy Program
Measure Incentives & Duration	
Incentive/Rebate Rate (\$)	No Evaluation
Customer Equipment Cost (\$)	No Evaluation
Estimated Life of Measure (Yrs)	No Evaluation
Non-Recurring Measure Expenses	
Administrative (\$/Customer/Year)	No Evaluation
Equipment (\$/Customer/Year)	No Evaluation
Incentives/Rebates (\$/Customer/Year)	No Evaluation
Recurring Measure Expenses	
Administrative (\$/Customer/Year)	No Evaluation
Equipment (\$/Customer/Year)	No Evaluation
O&M (\$/Customer/Year)	No Evaluation
Incentives/Rebates (\$/Customer/Year)	No Evaluation

<b>Measure Information - Per Customer Costs</b>	
Component Measure Name	School PV
Program Name with Measure	Renewable Energy Program
<b>Measure Incentives &amp; Duration</b>	
Incentive/Rebate Rate (\$)	No Evaluation
Customer Equipment Cost (\$)	No Evaluation
Estimated Life of Measure (Yrs)	No Evaluation
<b>Non-Recurring Measure Expenses</b>	
Administrative (\$/Customer/Year)	No Evaluation
Equipment (\$/Customer/Year)	No Evaluation
Incentives/Rebates (\$/Customer/Year)	No Evaluation
<b>Recurring Measure Expenses</b>	
Administrative (\$/Customer/Year)	No Evaluation
Equipment (\$/Customer/Year)	No Evaluation
O&M (\$/Customer/Year)	No Evaluation
Incentives/Rebates (\$/Customer/Year)	No Evaluation

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10. Please complete the following table regarding the Company's Avoided Unit selected for purposes of program development and cost-effectiveness testing. Include the unit's seasonal capacity, technology type, primary fuel, and commercial in-service date. Please also provide financial data sufficient to calculate the avoided cost of the unit, including its capital and operations & maintenance cost. In addition, please indicate the avoided energy rate utilized for energy savings in programs. Please complete the table below and provide an electronic copy in Excel (.xls file format) with the hard copy response.

<b>Avoided Unit Information</b>		
Plant Name		-
Unit #		-
<b>Technical Information</b>		
Capacity	Summer	(MW)
	Winter	(MW)
Technology Type		-
Primary Fuel		-
Commercial In-service Date		-
<b>Performance Data</b>		
Capacity Factor		(%)
Heat Rate		(BTU/kWh)
<b>Financial Data</b>		
Book Life		(Years)
Total Installed Cost		(\$/kW)
Fixed O&M Cost		(\$/kW-year)
Variable O&M		(\$/MWh)
<b>Avoided Fuel</b>		
Avoided Energy Rate		(\$/MWh)

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- A. The requested information is provided in the table below and in the attached Excel file.

<b>Avoided Unit Information</b>	
Plant Name	Aeroderivative CT
Unit #	1
<b>Technical Information</b>	
Summer Capacity (MW)	56
Winter Capacity (MW)	61
Technology Type	Aeroderivative CT
Primary Fuel	Natural Gas
Commercial In-service Date	2012
<b>Performance Data</b>	
Capacity Factor (%)	5.6%
Heat Rate (BTU/KWH)	10,200
<b>Financial Data</b>	
Book Life (Yrs)	25
Total Installed Cost (\$/KW)	\$624.85
Fixed O&M Cost (\$/KW-Yr)	\$20.47
Variable O&M (\$/MWH)	\$3.81
<b>Avoided Fuel</b>	
Avoided Energy Rate (\$/MWH)	\$8.81

11. Please complete the following table regarding the Company's projected customer rates for non-fuel energy rates and demand, that are utilized in the Company's cost-effectiveness tests. Please complete the table below and provide an electronic copy in Excel (.xls file format) with the hard copy response.

Projected Rate Information		
<b>Residential</b>		
Non-Fuel Energy Rate	(cents/kWh)	
Escalation Rate	(%)	
<b>Commercial</b>		
Non-Fuel Energy Rate	(cents/kWh)	
Escalation Rate	(%)	
Demand Rate	(\$/kW-mo)	
Escalation Rate	(%)	

- A. The requested information is provided in the table below and in the attached Excel file.

Projected Rate Information	
<b>Residential</b>	
Non-Fuel Energy Rate (cents/KWH)	5.531
Escalation Rate (%)	1.0%
<b>Commercial</b>	
Non-Fuel Energy Rate (cents/KWH)	1.756
Escalation Rate (%)	1.0%
Demand Rate (\$/KW-mo)	10.61
Escalation Rate (%)	1.0%

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12. Please complete the following table regarding the Company's estimations of line loss utilized in the estimation of generator savings. As part of this response, please indicate the values used for residential and commercial customers separately. Please complete the table below and provide an electronic copy in Excel (.xls file format) with the hard copy response.

Line Loss Values	
<b>Residential</b>	
Energy Percentage (%)	
Demand Percentage (%)	
<b>Commercial</b>	
Energy Percentage (%)	
Demand Percentage (%)	

- A. The requested information is provided in the table below and in the attached Excel file.

Line Loss Values	
<b>Residential</b>	
Energy Percentage	6.0%
Demand Percentage	6.6%
<b>Commercial</b>	
Energy Percentage	5.8%
Demand Percentage	6.5%

- 13.** Please describe how costs associated with CO<sub>2</sub> Emissions are included in the Company's cost- effectiveness tests. As part of this response, please provide the annual cost assumed per ton of carbon dioxide equivalent, and the projected emission rate per megawatt-hour. Please indicate if there is any difference between these values and the values provided in the Commission's review of numeric conservation goals dockets.
- A.** Tampa Electric's methodology and values for inclusion of CO<sub>2</sub> emissions costs in the DSM plan filing is identical to the methodology and values the company used in the DSM goals docket. Tampa Electric assumed 2014 would be the first year of legislative enactment for carbon legislation. From 2014 forward, the company included an estimated annual monetary value for CO<sub>2</sub> emissions as a benefit to the E-RIM and E-TRC tests but not the Participants' test as CO<sub>2</sub> emissions have no impact on that test. The annual estimated CO<sub>2</sub> emissions costs were applied to the annual kWh reductions associated with each program and included in the total supply-side benefits delivered by the program.

The annual cost assumed per ton of carbon dioxide equivalent and the projected emission rate per megawatt-hour were previously provided in Tampa Electric's response to Staff's Sixth Set of Interrogatories, Nos. 27 and 28, respectively, in Docket No. 080409-EG dated July 2, 2009.

14. Please describe how the savings from conducting energy audits are calculated. As part of this response, please provide the percentage difference between savings associated with any equipment provided or installed (such as Compact Fluorescent Light Bulbs), and other sources.
- A. Tampa Electric offers four residential energy audits and two commercial energy audits.

The basis for the demand and energy savings of Tampa Electric's residential energy audit programs is the customer's behavioral modifications and low-cost measure adoptions accomplished through the performance of the company's free Residential Walk-Through Audit. Additionally, those savings are augmented by the company's provision of compact fluorescent lamps ("CFL").

Specifically, the kWh billing histories of customers who received the free audit were compared to the billing histories of matched customers who did not participate in the audit. In this analysis, care was given so as to not include customers that participated in other DSM programs. Energy consumption before and after the audit was compared for both sets of customers to estimate the impact associated with the audit. Based on load research data, the consumption impacts were then extrapolated into corresponding demand savings. Once the demand and energy savings were determined from just the audit, the associated savings from the CFLs was extracted from the Itron achievable potential data and added to the pure audit savings. Finally, the savings from the CFLs was only included through 2012 since CFLs will become the baseline lamp of choice from 2013 forward due the federal standard that eliminates the production of incandescent lamps.

The demand and energy savings for the company's paid Residential Computer-Assisted Energy Audit was assumed to be the same as the free Residential Walk-Through Audit. This assumption was based on the limited number of paid audits historically performed and the fact that the same behavioral practices and low-cost measures are evaluated for the customer during both audits.

The demand and energy savings for Tampa Electric's Residential On-Line and Phone Assisted Energy Audits have historically been calculated to be 25 percent less than the savings achieved by the Residential Walk-Through Audit. This assumption is based on the fact that although the same



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behavioral practices and low-cost measures are evaluated for the customer, the on-site presence of an energy analyst in the customer's residence has the greater impact on customer behavioral modifications.

The basis for the demand and energy savings of Tampa Electric's commercial energy audit programs is the customer's behavioral modifications and low-cost measure adoptions accomplished through the performance of the company's free Commercial/Industrial Audit. Additionally, those savings are augmented by the company's provision of CLFs. The specific methodology used is the same as that used for the free Residential Energy Audit referenced above including the treatment of CFL savings.

The demand and energy savings for the company's paid Commercial/Industrial Energy Audit was assumed to be the same as the free Commercial/Industrial Audit. This assumption was based on the limited number of paid audits historically performed and the fact that the same behavioral practices and low-cost measures are evaluated for the customer during both audits.

- 15.** Please explain or describe any tax rebates that may be available to customers during the 2010 through 2019 period for installation of any measures discussed in response to questions 6-9 above, including energy efficiency and customer-owned renewable generation. As part of this response, please include the associated program name, specific measure, and expiration dates as appropriate for each tax rebate, and whether the rebate was included in cost-effectiveness tests.

- A.** Tax rebates fall into two general categories: 1) credits for energy efficiency measures, and 2) credits for renewable technologies.

Energy efficiency credits for residential customers installing equipment such as insulation and HVAC systems expires in December 2010; therefore, due to the short time period remaining relative to the deployment of the company's DSM plan, these credits were not included in program evaluations.

Energy efficiency credits for customers who install efficient lighting, HVAC systems and/or building envelope measures are available through December 2013. These credits are earned through building performance certification that occurs subsequent to various measure installations; however, it is difficult to attribute the improved building performance to the specific measure. Therefore, due to lack of measure specificity, the credits were not included in the company's program evaluations.

Credits for renewable technologies are available to residential and commercial customers through 2016. Tampa Electric included these credits in measure screening evaluations during the DSM goals setting process.

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16. Regarding photovoltaic panels for schools, please explain or describe the difference in ownership of the solar facility between this program and other customer-side renewable energy installations. Please indicate when ownership would be transferred to the school. Also, please discuss anticipated maintenance costs over the life of the photovoltaic panels.
- A. Tampa Electric plans to own the photovoltaic systems installed on schools for five years; however, other customer-side renewable energy installations will receive an incentive from the company and be owned by the customer from the outset of their installations. For the schools, Tampa Electric will donate the photovoltaic systems to the schools at the end of the five-year company ownership period.

Tampa Electric has secured estimated maintenance costs over the life of the photovoltaic systems from the Florida Solar Energy Center ("FSEC"). The data is provided in the table below.

<b>Component</b>	<b>Expected Life</b>	<b>Cost to Replace</b>	<b>Occurrences Over System Life</b>	<b>Total Maintenance Cost</b>
Batteries	10-15 years	\$15,000	2	\$30,000
Inverter	10 years	\$6,000	2	\$12,000
Modules	30 years	N/A	0	\$300/yr

During the period of company ownership, Tampa Electric will manage the maintenance and associated costs.

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- 17.** Please explain or describe the impact of other state or local programs that provide renewable generation to emergency shelters or other facilities that may offset, reduce the cost, or be an alternate source of funding for photovoltaic systems for schools designated as an emergency shelter.
- A.** FSEC has received a grant of approximately \$10 million to install an estimated 90 10kW photovoltaic systems with battery backup on emergency shelter ("ES") schools in Florida by April 2012. Tampa Electric is engaged in discussions with FSEC to augment FSEC's program by installing these same type systems on five additional ES schools over the five-year period of the company's planned expenditures. This will extend and continue providing students and teachers the experience and educational opportunity with renewable technologies such as photovoltaics.

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- 18.** For each program for which modifications have been proposed in 2010, please describe the specific modification(s) made to the program and the reason for each modification. As part of this response, please provide the savings estimates associated with the program prior to the proposed modifications.
  
- A.** Please see tables below.

Commercial			
Modified Program Name	Current Offering	Modification	Previous Associated Savings Estimates
Commercial/Industrial Audits (Free and Paid)	n/a	Provide Eight CFLs	Winter: 0.06 kW • Summer: 0.08 kW • Energy: 341 kWh
Commercial Duct Seal Program	\$200/duct system, HVAC Size (< 65,000 btu)	\$300/duct system, Any HVAC with Flex or Duct Board	Winter: 0.17 kW • Summer: 0.47 kW • Energy: 684 kWh
Commercial Building Envelope			
Ceiling Insulation	\$0.05/sq. ft.	\$0.25/sq. ft.	Winter: 0.18 kW • Summer: 0.57 kW • Energy: 896 kWh
Roof Insulation	n/a	\$0.15 sq. ft.	Winter: 0.09 kW • Summer: 0.29 kW • Energy: 511 kWh
Wall Insulation	\$0.20/sq. ft.	\$0.40/sq. ft.	Winter: 0.71 kW • Summer: 0.50 kW • Energy: 1,803 kWh
Window Film	\$1.00/sq. ft.	\$1.25 sq. ft.	Winter: 0.00 kW • Summer: 0.84 kW • Energy: 3,670 kWh
Energy Efficient Motors	\$2.50/horsepower	\$6.00/horsepower	Winter: 1 kW • Summer: 1 kW • Energy: 2,482 kWh
Commercial Cooling Program			
Direct Expansion A/C	\$0.0025/Btu (appx. \$30/ton)	Flat \$50/ton	Winter: 0.00 kW • Summer: 1.83 kW • Energy: 5,320 kWh
Package Terminal A/C	\$0.0025/Btu (appx. \$30/ton)	Flat \$37.50/ton	Winter: 0.00 kW • Summer: 0.26 kW • Energy: 744 kWh
Commercial Chiller Program	\$100/kW reduction	\$175/kW reduction	Winter: 29.75 kW • Summer: 101.25 kW • Energy: 232,020 kWh
Commercial Lighting Program			
Conditioned Space	\$150/kW reduction	\$175/kW reduction	Winter: 14.16 kW • Summer: 40.82 kW • Energy: 176,336 kWh
Non-Conditioned Space	\$150/kW reduction	\$175/kW reduction	Winter: 46.95 kW • Summer: 46.95 kW • Energy: 282,380 kWh
Exit Signs	n/a	\$25/exit sign	Winter: 0.17 kW • Summer: 0.22 kW • Energy: 1,489 kWh
Commercial Lighting Occupancy Sensor Program	\$75/ kW reduction	Flat \$25/occupancy sensor	Winter: 0.51 kW • Summer: 0.68 kW • Energy: 10,576 kWh
Refrigeration Program (Anti-condensate controls)	\$135/kW reduction	\$0.65/linear foot	Winter: 0.92 kW • Summer: 0.92 kW • Energy: 16,344 kWh
Commercial Water Heating Program	\$58/ton of capacity	\$0.0116/Btu (approx. \$140/ton)	Winter: 0.95 kW • Summer: 0.94 kW • Energy: 8,849 kWh
Conservation Value Program	\$250/ average kW reduction	\$275 / kW reduction	Winter: 24.13 kW • Summer: 13.08 kW • Energy: 115,844 kWh
Standby Generator	\$3.50/ kW reduction	\$4.00 / kW reduction	Winter: 430 kW • Summer: 472 kW • Energy: 46,780 kWh
Commercial Load Management	Cyclic -\$2.50/kW Extended - \$3.00/kW	Cyclic -\$3.00/kW Extended - \$3.50/kW	Winter: 0.00 • Summer: 13.2 • Energy: 0 Winter: 60.00 kW • Summer: 92.00 kW • Energy: 0

**Reasons for Modifications:**

- Commercial/Industrial Audits - Increase customer awareness of the energy use in their facilities and promote demand and energy reduction
- Commercial Duct Seal Program - Increased incentive to align with current market cost to perform duct seal work and encourage participation
- Commercial Building Envelope - All maximum incentives increased and all measures are now based on square feet to increase program participation
- Energy Efficient Motors - Incentives increased to promote program participation
- Commercial Cooling Program - Incentives increased to promote program participation
- Commercial Chiller Program - Incentives increased to promote program participation
- Commercial Lighting Program - Incentives increased to promote program participation
- Commercial Lighting Occupancy Sensor Program - Incentives increased to promote program participation
- Refrigeration Program (Anti-condensate controls) - Incentives increased to promote program participation
- Commercial Water Heating Program - Incentives increased to promote program participation
- Conservation Value - Incentives increased to promote program participation
- Standby Generator Program - Incentives increased to promote program participation
- Commercial Load Management - Incentives increased to promote program participation

Residential			
Modified Program Name	Current Offering	Modification	Previous Associated Savings Estimates
Residential Heating & Cooling Type 1 Type 2	14 SEER \$275 \$125	15 SEER \$400 \$275	Winter: 1.02 kW Summer: 0.17 kW Energy: 618 kWh
Residential Building Envelope Ceiling Insulation Wall Insulation Window Replacement Window Film	\$100 - \$200 (based on sq. ft.) All exterior walls - \$200 max. All windows - \$350 max. \$1.00/sq. ft. - \$200 max.	\$200 - \$350 (based on sq. ft.) \$0.31 sq. ft. - No max. \$2.65 sq. ft. - No max. \$2.00 sq. ft. - No max.	Winter: 0.40 kW • Summer: 0.18 kW • Energy: 348 kWh Winter: 1.07 kW • Summer: 0.52 kW • Energy: 1,337 kWh Winter: 0.40 kW • Summer: 0.63 kW • Energy: 1,241 kWh Winter: 0.00 kW • Summer: 0.22 kW • Energy: 791 kWh
New Construction Duct Sealing Ceiling Insulation HVAC Window Upgrades Alternate Water Heating HERS Certification	\$50 (pre-requisite) \$75 (pre-requisite) \$100/unit \$350 \$100 \$75	No Pre-requisites \$100 \$150 \$275/unit \$400 \$150 \$100	Winter: 0.41 kW Summer: 0.53 kW Energy: 1,103 kWh
Low Income Weatherization (Name change: Neighborhood Weatherization and Agency Outreach)	Eight CFLs, water heater wrap, water temp check, aerators, low flow showerheads, wall plate thermometer, weatherstripping for window/wall units, change air filter reminder and weatherstripping & caulking	<u>Weatherization</u> : Include R-13 insulation, duct repair, and refrigerator coil cleaning <u>Agency</u> : Provide energy efficiency items and no-cost recommendations to customers seeking energy-related financial assistance	Winter: 1.34 kW • Summer: 0.36 kW • Energy: 1,707 kWh
Energy Planner - Residential Price Responsive Load Management Price Tier P1 Price Tier P2 Price Tier P3 Price Tier P4	9.551¢/kWh 9.678¢/kWh 13.789¢/kWh 39.338¢/kWh	8.621¢/kWh 9.220¢/kWh 16.307¢/kWh 45.147¢/kWh	Winter: 3.1 kW • Summer: 2.4 kW • Energy: 1,071 kWh



**Reasons for Modifications:**

- Residential Heating & Cooling - Minimum SEER increased to promote greater efficiency improvement; incentives increased to encourage participation at higher SEER
- Residential Building Envelope - All maximum incentives increased to encourage greater participation and all measures are now based on square feet to increase participation from customers unable to invest in whole-house improvements
- New Construction - Prerequisites eliminated to encourage participation; incentives increased to encourage participation
- Low Income Weatherization - Additional measures added to maximize long-term improvements to participating homes; Agency component added to help reach customers seeking energy-related financial assistance (LIHEAP/EHEAP)
- Energy Planner - Rates adjusted in order to increase participation

State of Florida



## Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD  
TALLAHASSEE, FLORIDA 32399-0850

**-M-E-M-O-R-A-N-D-U-M-**

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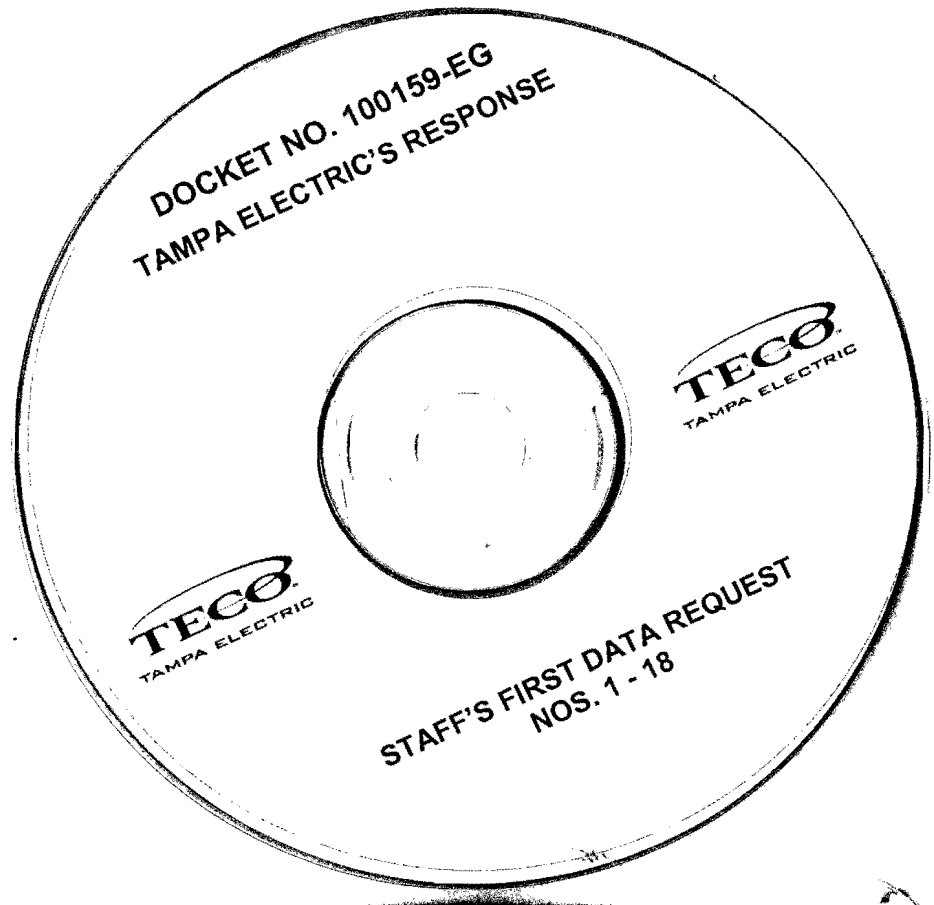
**DATE:** March 25, 2011  
**TO:** Division of Regulatory Analysis  
**FROM:** Ann Cole, Commission Clerk, Office of Commission Clerk *ac*  
**RE:** Docket Number 100159-EG, Document Number 04686-10

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Attached please find one CD in the above-referenced matter identified as Stampa Electric's Response to Staff's First Data Request, Nos. 1-18. This CD is being forwarded to the Division of Regulatory Analysis for further disposition.

If you have any questions regarding this transmittal, please feel free to contact me.

Thank you.



**Floppy Disk/CD Mailer**

FIRST CLASS MAIL

**DOCKET NO. 100159-EG  
TAMPA ELECTRIC'S RESPONSE  
STAFF'S FIRST DATA REQUEST  
NOS. 1 - 18**

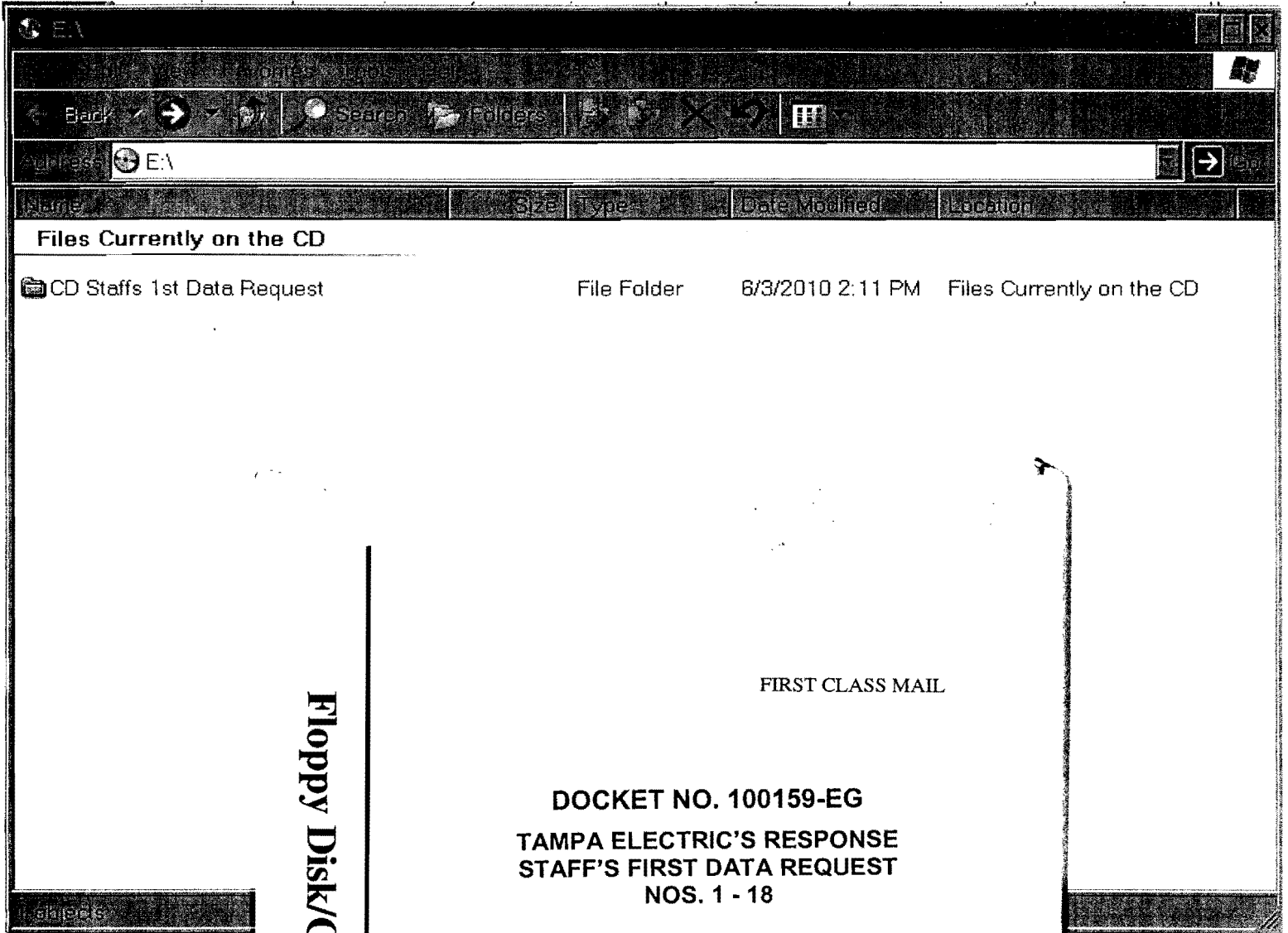
DOCUMENT NUMBER-DATE

04686 JUN-4 9

FPSC-COMMISSION CLERK

AVOID EXPOSURE TO ALL MAGNETIC FIELDS

*pdf page 122*



**Floppy Disk/CD Mailer**

FIRST CLASS MAIL

**DOCKET NO. 100159-EG  
TAMPA ELECTRIC'S RESPONSE  
STAFF'S FIRST DATA REQUEST  
NOS. 1 - 18**

DOCUMENT NUMBER-DATE

04686 JUN-4 2010

FPSC-COMMISSION CLERK

AVOID EXPOSURE TO ALL MAGNETIC FIELDS

D:\

File Edit View Favorites Tools Help

Back Search Folders

Address D:\

Folders	Name	Size	Type	Date Mod...
<ul style="list-style-type: none"> <li>Desktop</li> <li>My Documents</li> <li>My Computer               <ul style="list-style-type: none"> <li>3½ Floppy (A:)</li> <li>BIP3499 (C:)</li> <li><b>Jun 03 2010 (D:)</b> <ul style="list-style-type: none"> <li>CD Staffs 1st Data Request</li> </ul> </li> <li>BIP3499E (E:)</li> <li>Mboatwri on 'fp2\home\$' (G:)</li> <li>Wp on 'Fp1\Data\Psc\Clk' (I:)</li> <li>filings on 'fp3' (L:)</li> <li>Hg on 'Fp1\Data\Psc\Clk' (N:)</li> <li>Db on 'Fp1\Data\Psc\Clk' (Q:)</li> <li>123 on 'Fp1\Data\Psc\Clk' (R:)</li> <li>Data on 'Fp1' (S:)</li> <li>transfer on 'fp1\data\Public' (T:)</li> <li>Fp26dos on 'fp1\Data\Apps' (X:)</li> <li>Bat on 'fp1\data\Public' (Y:)</li> <li>Public on 'fp1\Data' (Z:)</li> <li>Control Panel</li> </ul> </li> <li>My Network Places               <ul style="list-style-type: none"> <li>Recycle Bin</li> </ul> </li> <li>blank</li> </ul>	CD Staffs 1st Data Request		File Folder	6/3/2010 ...

0 objects (Disk free space: 0 bytes) 0 bytes My Computer

Start | Inbox - Micr... | Windows M... | Case Mana... | Document ... | D:\ | 04686-10.p... | 3:41 PM

**D:\CD Staffs 1st Data Request**

File Edit View Favorites Tools Help

Back Search Folders

Address D:\CD Staffs 1st Data Request Go

Folders	Name	Size	Type	Date Mod...
Desktop	Data Request No. 1		File Folder	6/3/2010 ...
My Documents	Data Request Nos. 2-4 & 6-12		File Folder	6/3/2010 ...
My Computer	Staffs 1st Data Request_bates_FINAL.pdf	677 KB	Adobe Acr...	6/3/2010 ...
3 1/2 Floppy (A:)				
BIP3499 (C:)				
Jun 03 2010 (D:)				
CD Staffs 1st Data Request				
Data Request No. 1				
Data Request Nos. 2-4 & 6-12				
BIP3499E (E:)				
Mboatwri on 'fp2\home\$' (G:)				
Wp on 'Fp1\Data\Psc\Clk' (I:)				
filings on 'fp3' (L:)				
Hg on 'Fp1\Data\Psc\Clk' (N:)				
Db on 'Fp1\Data\Psc\Clk' (Q:)				
123 on 'Fp1\Data\Psc\Clk' (R:)				
Data on 'Fp1' (S:)				
transfer on 'fp1\data\Public' (T:)				
Fp26dos on 'fp1\Data\Apps' (X:)				
Bat on 'fp1\data\Public' (Y:)				
Public on 'fp1\Data' (Z:)				
Control Panel				
My Network Places				
Recycle Bin				
blank				

3 objects (Disk free space: 0 bytes) 676 KB My Computer

Start |<|>|Inbox - Micr...|Windows M...|Case Mana...|Document...|D:\CD Sta...|04686-10.p...|<< 3:42 PM

D:\CD Staffs 1st Data Request\Data Request No. 1

File Edit View Favorites Tools Help

Back Search Folders

Address D:\CD Staffs 1st Data Request\Data Request No. 1 Go

Folders	Name	Size	Type	Date Mod...
Desktop	a through c		File Folder	6/3/2010 ...
My Documents	d through g		File Folder	6/3/2010 ...
My Computer				
3½ Floppy (A:)				
BIP3499 (C:)				
Jun 03 2010 (D:)				
CD Staffs 1st Data Request				
Data Request No. 1				
a through c				
d through g				
Data Request Nos. 2-4 & 6-12				
BIP3499E (E:)				
Mboatwri on 'fp2\home\$' (G:)				
Wp on 'Fp1\Data\Psc\Clk' (I:)				
filings on 'fp3' (L:)				
Hg on 'Fp1\Data\Psc\Clk' (N:)				
Db on 'Fp1\Data\Psc\Clk' (Q:)				
123 on 'Fp1\Data\Psc\Clk' (R:)				
Data on 'Fp1' (S:)				
transfer on 'fp1\data\Public' (T:)				
Fp26dos on 'fp1\Data\Apps' (X:)				
Bat on 'fp1\data\Public' (Y:)				
Public on 'fp1\Data' (Z:)				
Control Panel				
My Network Places				
Recycle Bin				
blank				

2 objects (Disk free space: 0 bytes) 0 bytes My Computer

Start | Inbox - Micr... | Windows M... | Case Mana... | Document ... | D:\CD Sta... | 04686-10.p... | 3:42 PM

D:\CD Staffs 1st Data Request\Data Request No. 1\a through c

File Edit View Favorites Tools Help

Back Forward Stop Search Folders

Address D:\CD Staffs 1st Data Request\Data Request No. 1\a through c Go

Folders	Name	Size	Type	Date Mod...
<ul style="list-style-type: none"> <li>Desktop</li> <li>My Documents</li> <li>My Computer               <ul style="list-style-type: none"> <li>3½ Floppy (A:)</li> <li>BIP3499 (C:)</li> <li>Jun 03 2010 (D:)                   <ul style="list-style-type: none"> <li>CD Staffs 1st Data Request                       <ul style="list-style-type: none"> <li>Data Request No. 1                           <ul style="list-style-type: none"> <li>a through c</li> <li>d through g</li> <li>Data Request Nos. 2-4 &amp; 6-12</li> </ul> </li> </ul> </li> <li>BIP3499E (E:)</li> <li>Mboatwri on 'fp2\home\$' (G:)</li> <li>Wp on 'Fp1\Data\Psc\Clk' (I:)</li> <li>filings on 'fp3' (L:)</li> <li>Hg on 'Fp1\Data\Psc\Clk' (N:)</li> <li>Db on 'Fp1\Data\Psc\Clk' (Q:)</li> <li>123 on 'Fp1\Data\Psc\Clk' (R:)</li> <li>Data on 'Fp1' (S:)</li> <li>transfer on 'fp1\data\Public' (T:)</li> <li>Fp26dos on 'fp1\Data\Apps' (X:)</li> <li>Bat on 'fp1\data\Public' (Y:)</li> <li>Public on 'fp1\Data' (Z:)</li> <li>Control Panel</li> </ul> </li> <li>My Network Places                   <ul style="list-style-type: none"> <li>Recycle Bin</li> <li>blank</li> </ul> </li> </ul> </li> </ul>	Request No 1 a b c.xls	727 KB	Microsoft ...	6/3/2010 ...

1 objects (Disk free space: 0 bytes) 727 KB My Computer

Start | Taskbar: | Start | Windows M... | Case Mana... | Document ... | D:\CD Sta... | 04686-10.p... | 3:42 PM



D:\CD Staffs 1st Data Request\Data Request No. 1\d through g

File Edit View Favorites Tools Help

Back Search Folders

Address D:\CD Staffs 1st Data Request\Data Request No. 1\d through g Go

Folders	Name	Size	Type	Date Mod...
<ul style="list-style-type: none"> <li>Desktop</li> <li>My Documents</li> <li>My Computer <ul style="list-style-type: none"> <li>3½ Floppy (A:)</li> <li>BIP3499 (C:)</li> <li>Jun 03 2010 (D:) <ul style="list-style-type: none"> <li>CD Staffs 1st Data Request <ul style="list-style-type: none"> <li>Data Request No. 1 <ul style="list-style-type: none"> <li>a through c <ul style="list-style-type: none"> <li><b>d through g</b> <ul style="list-style-type: none"> <li>Commercial</li> <li>Residential</li> </ul> </li> <li>Data Request Nos. 2-4 &amp; 6-12</li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> <li>BIP3499E (E:)</li> <li>Mboatwri on 'fp2\home\$' (G:)</li> <li>Wp on 'Fp1\Data\Psc\Clk' (I:)</li> <li>filings on 'fp3' (L:)</li> <li>Hg on 'Fp1\Data\Psc\Clk' (N:)</li> <li>Db on 'Fp1\Data\Psc\Clk' (Q:)</li> <li>123 on 'Fp1\Data\Psc\Clk' (R:)</li> <li>Data on 'Fp1' (S:)</li> <li>transfer on 'fp1\data\Public' (T:)</li> <li>Fp26dos on 'fp1\Data\Apps' (X:)</li> <li>Bat on 'fp1\data\Public' (Y:)</li> <li>Public on 'fp1\Data' (Z:)</li> <li>Control Panel</li> </ul> </li> <li>My Network Places <ul style="list-style-type: none"> <li>Recycle Bin</li> </ul> </li> <li>blank</li> </ul>	<ul style="list-style-type: none"> <li>Commercial</li> <li>Residential</li> </ul>		File Folder	6/3/2010 ...
			File Folder	6/3/2010 ...

2 objects (Disk free space: 0 bytes) 0 bytes My Computer

Start | Inbox - Micr... | Windows M... | Case Mana... | Document... | D:\CD Sta... | 04686-10.p... | 3:42 PM

pdf page 452

D:\CD Staffs 1st Data Request\Data Request No. 1\d through g\Commercial

File Edit View Favorites Tools Help

Back Search Folders

Address D:\CD Staffs 1st Data Request\Data Request No. 1\d through g\Commercial Go

Folders	Name	Size	Type	Date Mod...
Desktop	Building Envelope Composite 2010 .xls ✓	538 KB	Microsoft ...	6/3/2010 ...
My Documents	Ceiling Insulation R_30 2010 .xls ✓✓	553 KB	Microsoft ...	6/3/2010 ...
My Computer	Chiller 2010 .xls ✓	496 KB	Microsoft ...	6/3/2010 ...
3½ Floppy (A:)	CILMC 2010 .xls ✓	538 KB	Microsoft ...	6/3/2010 ...
BIP3499 (C:)	CILME 2010 .xls ✓	532 KB	Microsoft ...	6/3/2010 ...
Jun 03 2010 (D:)	Com Cooling CComposite2010 .xls ✓	463 KB	Microsoft ...	6/3/2010 ...
CD Staffs 1st Data Request	Conservation Value 2010 .xls ✓	502 KB	Microsoft ...	6/3/2010 ...
Data Request No. 1	Cool Roof .xls ✓	467 KB	Microsoft ...	6/3/2010 ...
a through c	Demand Response 2010 .xls ✓	535 KB	Microsoft ...	6/3/2010 ...
d through g	Duct Repair 2010 .xls ✓	503 KB	Microsoft ...	6/3/2010 ...
Commercial	DX Units 2010 .xls ✓	459 KB	Microsoft ...	6/3/2010 ...
Residential	ECM Composite2010 .xls ✓	466 KB	Microsoft ...	6/3/2010 ...
Data Request Nos. 2-4 & 6-12	ECM HVAC.xls ✓	463 KB	Microsoft ...	6/3/2010 ...
BIP3499E (E:)	ERV .xls ✓	502 KB	Microsoft ...	6/3/2010 ...
Mboatwri on 'fp2\home\$' (G:)	Exit Signs 2010 .xls ✓	462 KB	Microsoft ...	6/3/2010 ...
Wp on 'Fp1\Data\Psc\Clk' (I:)	Lighting Composite 2010 .xls ✓	461 KB	Microsoft ...	6/3/2010 ...
filings on 'fp3' (L:)	Lighting Conditioned Space 2010 .xls ✓	462 KB	Microsoft ...	6/3/2010 ...
Hg on 'Fp1\Data\Psc\Clk' (N:)	Lighting Unconditioned Space 2010 .xls ✓	458 KB	Microsoft ...	6/3/2010 ...
Db on 'Fp1\Data\Psc\Clk' (Q:)	Motors 2010 .xls ✓	426 KB	Microsoft ...	6/3/2010 ...
123 on 'Fp1\Data\Psc\Clk' (R:)	Occupancy Sensors 2010 .xls ✓	444 KB	Microsoft ...	6/3/2010 ...
Data on 'Fp1' (S:)	PTAC Units 2010 .xls ✓	459 KB	Microsoft ...	6/3/2010 ...
transfer on 'fp1\data\Public' (T:)	Recommissioning.xls ✓	429 KB	Microsoft ...	6/3/2010 ...
Fp26dos on 'fp1\Data\Apps' (X:)	Refrigeration Anti Sweat 2010 .xls ✓	444 KB	Microsoft ...	6/3/2010 ...
Bat on 'fp1\data\Public' (Y:)	Roof Insulation R_30 2010 .xls ✓	494 KB	Microsoft ...	6/3/2010 ...
Public on 'fp1\Data' (Z:)	Standby Generator 2010 .xls ✓	542 KB	Microsoft ...	6/3/2010 ...
Control Panel	Wall Insulation 2010 .xls ✓	529 KB	Microsoft ...	6/3/2010 ...
My Network Places	Water Heater 2010 .xls ✓	462 KB	Microsoft ...	6/3/2010 ...
Recycle Bin	Window Film 2010 .xls ✓	465 KB	Microsoft ...	6/3/2010 ...
blank				

28 objects (Disk free space: 0 bytes) 13.2 MB My Computer

Start Inbox - Micr... Windows M... Case Mana... Document ... D:\CD Sta... 04686-10.p... 3:42 PM

D:\CD Staffs 1st Data Request\Data Request No. 1\d through g\Residential

File Edit View Favorites Tools Help

Back Search Folders

Address D:\CD Staffs 1st Data Request\Data Request No. 1\d through g\Residential Go

Folders	Name	Size	Type	Date Mod...
Desktop	Composite 2010 ver 2.xls ✓	542 KB	Microsoft ...	6/3/2010 ...
My Documents	ECM_ 2010 .xls ✓	466 KB	Microsoft ...	6/3/2010 ...
My Computer	Ed Awareness 2010 .xls ✓	458 KB	Microsoft ...	6/3/2010 ...
3½ Floppy (A:)	Energy Planner 2010 .xls ✓	528 KB	Microsoft ...	6/3/2010 ...
BIP3499 (C:)	Final Duct Repair 2010Combined.xls ✓	532 KB	Microsoft ...	6/3/2010 ...
Jun 03 2010 (D:)	Final H&C 2010 .xls ✓	474 KB	Microsoft ...	6/3/2010 ...
CD Staffs 1st Data Request	Final Low Income 2010 .xls ✓	455 KB	Microsoft ...	6/3/2010 ...
Data Request No. 1	HVAC Maintenance_ 2010 .xls ✓	430 KB	Microsoft ...	6/3/2010 ...
a through c	Insulation 2010 ver 2.xls ✓	533 KB	Microsoft ...	6/3/2010 ...
d through g	New Construction 2010 .xls	523 KB	Microsoft ...	6/3/2010 ...
Commercial	Wall Insulation 2010 .xls	538 KB	Microsoft ...	6/3/2010 ...
Residential	Window Film 2010 .xls	461 KB	Microsoft ...	6/3/2010 ...
Data Request Nos. 2-4 & 6-12	Window Replacement 2010 .xls	536 KB	Microsoft ...	6/3/2010 ...
BIP3499E (E:)				
Mboatwri on 'fp2\home\$' (G:)				
Wp on 'Fp1\Data\Psc\Clk' (I:)				
filings on 'fp3' (L:)				
Hg on 'Fp1\Data\Psc\Clk' (N:)				
Db on 'Fp1\Data\Psc\Clk' (Q:)				
123 on 'Fp1\Data\Psc\Clk' (R:)				
Data on 'Fp1' (S:)				
transfer on 'fp1\data\Public' (T:)				
Fp26dos on 'fp1\Data\Apps' (X:)				
Bat on 'fp1\data\Public' (Y:)				
Public on 'fp1\Data' (Z:)				
Control Panel				
My Network Places				
Recycle Bin				
blank				

13 objects (Disk free space: 0 bytes) 6.32 MB My Computer

Start Inboxes - Micr... Windows M... Case Mana... Document... D:\CD Sta... 04686-10.p... 3:42 PM

*File page 8/8*

D:\CD Staffs 1st Data Request\Data Request Nos. 2-4 & 6-12

File Edit View Favorites Tools Help

Back Search Folders

Address D:\CD Staffs 1st Data Request\Data Request Nos. 2-4 & 6-12

Folders	Name	Size	Type	Date Mod...
Request 2 thru 4 6 thru 12.xls	Request 2 thru 4 6 thru 12.xls	256 KB	Microsoft ...	6/3/2010 ...

- Desktop
- My Documents
- My Computer
  - 3½ Floppy (A:)
  - BIP3499 (C:)
  - Jun 03 2010 (D:)
    - CD Staffs 1st Data Request
      - Data Request No. 1
        - a through c
        - d through g
          - Commercial
          - Residential
        - Data Request Nos. 2-4 & 6-12
    - BIP3499E (E:)
    - Mboatwri on 'fp2\home\$' (G:)
    - Wp on 'Fp1\Data\Psc\Clk' (I:)
    - filings on 'fp3' (L:)
    - Hg on 'Fp1\Data\Psc\Clk' (N:)
    - Db on 'Fp1\Data\Psc\Clk' (Q:)
    - 123 on 'Fp1\Data\Psc\Clk' (R:)
    - Data on 'Fp1' (S:)
    - transfer on 'fp1\data\Public' (T:)
    - Fp26dos on 'fp1\Data\Apps' (X:)
    - Bat on 'fp1\data\Public' (Y:)
    - Public on 'fp1\Data' (Z:)
    - Control Panel
  - My Network Places
    - Recycle Bin
    - blank

1 objects (Disk free space: 0 bytes) 255 KB My Computer

Start | Inbox - Micr... | Windows M... | Case Mana... | Document ... | D:\CD Sta... | 04686-10.p... | 3:42 PM

pdf page 988