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COMMISSION
CLERK

July 26, 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-EG

Dear Ms. Cole:

Enclosed for filing in the above docket are the original and five copies each of Tampa Electric Company's revised answers to the Florida Public Service Commission Staff's Data Requests Nos. 3, 10 and 11, each marked "REVISED: July 26, 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
Enclosure

COM	_____	cc: Katherine E. Fleming	(w/enc.)
APA	_____	Vicki Gordon Kaufman	(w/enc.)
ECR	_____	John W. McWhirter, Jr.	(w/enc.)
GCL	_____	George Cavros	(w/enc.)
GCL	1	Suzanne Brownless	(w/enc.)
RAD	4	Rick D. Chamberlin	(w/enc.)
SSC	_____		
ADM	_____		
OPC	_____		
CLK	_____		

DOCUMENT NUMBER-DATE

06086 JUL 26 2010

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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.

Program Information - Total Cost	
Program Name	-
Customer Category	(Res/Com/Ind)
Program Type	(EE / DR / RE)
Program Cost (Cumulative NPV)	
Administrative	(\$)
Education, Surveys, Marketing	(\$)
Equipment, Installation, O&M	(\$)
Incentives / Rebates	(\$)
Total Cost	(\$)
Program Cost (% of Program)	
Administrative	(%)
Education, Surveys, Marketing	(%)
Equipment, Installation, O&M	(%)
Incentives / Rebates	(%)
Program Rate Impact	
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.

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Program Information - Total Cost	
Program Name	Walk-Through Audit
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
Program Costs (Cumulative NPV) (\$000)	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
Program Costs (% of Program)	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
Program Rate Impact	
Residential Rate Impact (\$/mo)	0.1608
Percentage of Total ECCR Rate (%)	4.76%
Lost Revenues (\$)	No Results

Program Information - Total Cost	
Program Name	On-Line Audit
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
Program Costs (Cumulative NPV) (\$000)	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
Program Costs (% of Program)	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
Program Rate Impact	
Residential Rate Impact (\$/mo)	0.0188
Percentage of Total ECCR Rate (%)	0.56%
Lost Revenues (\$)	No Results

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Program Information - Total Cost	
Program Name	Computer-Assisted Audit
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
Program Cost (% of Program)	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
Program Rate Impact	
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
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
Program Cost (% of Program)	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
Program Rate Impact	
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
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	220.40
Education, Surveys, Marketing (\$)	11.60
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	2,231
Total Costs (\$)	2,463
Program Cost (% of Program)	
Administrative (%)	8.9%
Education, Surveys, Marketing (%)	0.5%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	90.6%
Program Rate Impact	
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
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	11.40
Education, Surveys, Marketing (\$)	0.60
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	157
Total Costs (\$)	169
Program Cost (% of Program)	
Administrative (%)	6.7%
Education, Surveys, Marketing (%)	0.4%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	92.9%
Program Rate Impact	
Residential Rate Impact (\$/mo)	0.0043
Percentage of Total ECCR Rate (%)	0.10%
Lost Revenues (\$)	418

Program Information - Total Cost	
Program Name	HVAC Re-commissioning
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	39.79
Education, Surveys, Marketing (\$)	2.21
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	308
Total Costs (\$)	350
Program Cost (% of Program)	
Administrative (%)	11.4%
Education, Surveys, Marketing (%)	0.6%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	88.0%
Program Rate Impact	
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
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	1,165.65
Education, Surveys, Marketing (\$)	61.35
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	3,216
Total Costs (\$)	4,443
Program Cost (% of Program)	
Administrative (%)	26.2%
Education, Surveys, Marketing (%)	1.4%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	72.4%
Program Rate Impact	
Residential Rate Impact (\$/mo)	0.1728
Percentage of Total ECCR Rate (%)	5.11%
Lost Revenues (\$)	6,719

Program Information - Total Cost	
Program Name	Building Envelope
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE
Program Costs (Cumulative NPV) (\$000)	
Administrative (\$)	206.15
Education, Surveys, Marketing (\$)	10.85
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	2,515
Total Costs (\$)	2,732
Program Cost (% of Program)	
Administrative (%)	7.5%
Education, Surveys, Marketing (%)	0.4%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	92.1%
Program Rate Impact	
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
Program Costs (Cumulative NPV) (\$000)	
Administrative (\$)	31.26
Education, Surveys, Marketing (\$)	1.74
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	296
Total Costs (\$)	329
Program Cost (% of Program)	
Administrative (%)	9.5%
Education, Surveys, Marketing (%)	0.5%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	90.0%
Program Rate Impact	
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
Program Costs (Cumulative NPV) (\$000)	
Administrative (\$)	32.40
Education, Surveys, Marketing (\$)	16.20
Equipment, Installation, O&M (\$)	275.4
Incentives/Rebates (\$)	0
Total Costs (\$)	324
Program Costs (% of Program)	
Administrative (%)	10.0%
Education, Surveys, Marketing (%)	5.0%
Equipment, Installation, O&M (%)	85.0%
Incentives/Rebates (%)	0.0%
Program Rate Impact	
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
Program Costs (Cumulative NPV) (\$000)	
Administrative (\$)	16.40
Education, Surveys, Marketing (\$)	8.20
Equipment, Installation, O&M (\$)	139.4
Incentives/Rebates (\$)	0
Total Costs (\$)	164
Program Costs (% of Program)	
Administrative (%)	10.0%
Education, Surveys, Marketing (%)	5.0%
Equipment, Installation, O&M (%)	85.0%
Incentives/Rebates (%)	0.0%
Program Rate Impact	
Residential Rate Impact (\$/mo)	0.0202
Percentage of Total ECCR Rate (%)	0.60%
Lost Revenues (\$)	1,082

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Program Information - Total Cost	
Program Name	Energy Planner
Customer Category (Res/Com/Ind)	Residential
Program Type (EE/DR/RE)	EE/DR
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	618.31
Education, Surveys, Marketing (\$)	295.84
Equipment, Installation, O&M (\$)	4706.85
Incentives/Rebates (\$)	0
Total Costs (\$)	5,621
Program Cost (% of Program)	
Administrative (%)	11.0%
Education, Surveys, Marketing (%)	5.3%
Equipment, Installation, O&M (%)	83.7%
Incentives/Rebates (%)	0.0%
Program Rate Impact	
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
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
Program Cost (% of Program)	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
Program Rate Impact	
Residential Rate Impact (\$/mo)	0.2167
Percentage of Total ECCR Rate (%)	6.41%
Lost Revenues (\$)	No Results

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Program Information - Total Cost	
Program Name	Paid Audit
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	
Program Costs (Cumulative NPV) (\$000)	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
Program Costs (% of Program)	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
Program Rate Impact	
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
Program Costs (Cumulative NPV) (\$000)	
Administrative (\$)	54.15
Education, Surveys, Marketing (\$)	2.85
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	674
Total Costs (\$)	731
Program Costs (% of Program)	
Administrative (%)	7.4%
Education, Surveys, Marketing (%)	0.4%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	92.2%
Program Rate Impact	
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
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	0.25
Education, Surveys, Marketing (\$)	0.01
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	14
Total Costs (\$)	14.26
Program Cost (% of Program)	
Administrative (%)	1.7%
Education, Surveys, Marketing (%)	0.1%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	98.2%
Program Rate Impact	
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
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	0.95
Education, Surveys, Marketing (\$)	0.05
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	3.00
Total Costs (\$)	4.00
Program Cost (% of Program)	
Administrative (%)	23.8%
Education, Surveys, Marketing (%)	1.3%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	75.0%
Program Rate Impact	
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
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	11.40
Education, Surveys, Marketing (\$)	0.60
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	204
Total Costs (\$)	216.00
Program Cost (% of Program)	
Administrative (%)	5.3%
Education, Surveys, Marketing (%)	0.3%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	94.4%
Program Rate Impact	
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
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	1.90
Education, Surveys, Marketing (\$)	0.10
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	151
Total Costs (\$)	153
Program Cost (% of Program)	
Administrative (%)	1.2%
Education, Surveys, Marketing (%)	0.1%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	98.7%
Program Rate Impact	
Residential Rate Impact (\$/mo)	0.0111
Percentage of Total ECCR Rate (%)	0.33%
Lost Revenues (\$)	2,579

Program Information - Total Cost	
Program Name	Lighting
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	4.75
Education, Surveys, Marketing (\$)	0.25
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	210
Total Costs (\$)	215.00
Program Cost (% of Program)	
Administrative (%)	2.2%
Education, Surveys, Marketing (%)	0.1%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	97.7%
Program Rate Impact	
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
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	8.55
Education, Surveys, Marketing (\$)	0.45
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	134
Total Costs (\$)	143.00
Program Cost (% of Program)	
Administrative (%)	6.0%
Education, Surveys, Marketing (%)	0.3%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	93.7%
Program Rate Impact	
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
Program Costs (Cumulative NPV) (\$000)	
Administrative (\$)	0.20
Education, Surveys, Marketing (\$)	0.01
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	3
Total Costs (\$)	3.21
Program Costs (% of Program)	
Administrative (%)	6.2%
Education, Surveys, Marketing (%)	0.3%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	93.5%
Program Rate Impact	
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
Program Costs (Cumulative NPV) (\$000)	
Administrative (\$)	8.55
Education, Surveys, Marketing (\$)	0.45
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	32
Total Costs (\$)	41
Program Costs (% of Program)	
Administrative (%)	20.9%
Education, Surveys, Marketing (%)	1.1%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	78.0%
Program Rate Impact	
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 Cyclic
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	DR
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	0.22
Education, Surveys, Marketing (\$)	0.1
Equipment, Installation, O&M (\$)	1.74
Incentives/Rebates (\$)	9
Total Costs (\$)	11.06
Program Cost (% of Program)	
Administrative (%)	2.0%
Education, Surveys, Marketing (%)	0.9%
Equipment, Installation, O&M (%)	15.7%
Incentives/Rebates (%)	81.4%
Program Rate Impact	
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 Extended
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	DR
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	2.20
Education, Surveys, Marketing (\$)	1.00
Equipment, Installation, O&M (\$)	16.80
Incentives/Rebates (\$)	80
Total Costs (\$)	100
Program Cost (% of Program)	
Administrative (%)	2.2%
Education, Surveys, Marketing (%)	1.0%
Equipment, Installation, O&M (%)	16.8%
Incentives/Rebates (%)	80.0%
Program Rate Impact	
Residential Rate Impact (\$/mo)	0.0004
Percentage of Total ECCR Rate (%)	0.01%
Lost Revenues (\$)	0

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Program Information - Total Cost	
Program Name	Demand Response
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	DR
Program Costs (Cumulative NPV) (\$000)	
Administrative (\$)	1,255.90
Education, Surveys, Marketing (\$)	66.10
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	1,022
Total Costs (\$)	2,344
Program Costs (% of Program)	
Administrative (%)	53.6%
Education, Surveys, Marketing (%)	2.8%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	43.6%
Program Rate Impact	
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
Program Costs (Cumulative NPV) (\$000)	
Administrative (\$)	3.52
Education, Surveys, Marketing (\$)	1.6
Equipment, Installation, O&M (\$)	26.88
Incentives/Rebates (\$)	464
Total Costs (\$)	496
Program Costs (% of Program)	
Administrative (%)	0.7%
Education, Surveys, Marketing (%)	0.3%
Equipment, Installation, O&M (%)	5.4%
Incentives/Rebates (%)	93.5%
Program Rate Impact	
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
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	5.7
Education, Surveys, Marketing (\$)	0.3
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	70
Total Costs (\$)	76
Program Cost (% of Program)	
Administrative (%)	7.5%
Education, Surveys, Marketing (%)	0.4%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	92.1%
Program Rate Impact	
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
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	3.8
Education, Surveys, Marketing (\$)	0.2
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	33
Total Costs (\$)	37
Program Cost (% of Program)	
Administrative (%)	10.3%
Education, Surveys, Marketing (%)	0.5%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	89.2%
Program Rate Impact	
Residential Rate Impact (\$/mo)	0.0010
Percentage of Total ECCR Rate (%)	0.03%
Lost Revenues (\$)	618

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Program Information - Total Cost	
Program Name	Cool Roof
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	EE
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	4.75
Education, Surveys, Marketing (\$)	0.25
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	495
Total Costs (\$)	500
Program Cost (% of Program)	
Administrative (%)	1.0%
Education, Surveys, Marketing (%)	0.1%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	99.0%
Program Rate Impact	
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
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	0.95
Education, Surveys, Marketing (\$)	0.05
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	37
Total Costs (\$)	38
Program Cost (% of Program)	
Administrative (%)	2.5%
Education, Surveys, Marketing (%)	0.1%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	97.4%
Program Rate Impact	
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
Program Costs (Cumulative NPV) (\$000)	
Administrative (\$)	0.14
Education, Surveys, Marketing (\$)	0.01
Equipment, Installation, O&M (\$)	0
Incentives/Rebates (\$)	3
Total Costs (\$)	3
Program Costs (% of Program)	
Administrative (%)	4.5%
Education, Surveys, Marketing (%)	0.3%
Equipment, Installation, O&M (%)	0.0%
Incentives/Rebates (%)	95.2%
Program Rate Impact	
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
Program Costs (Cumulative NPV) (\$000)	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
Program Costs (% of Program)	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
Program Rate Impact	
Residential Rate Impact (\$/mo)	0.0072
Percentage of Total ECCR Rate (%)	0.021%
Lost Revenues (\$)	No Results

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Program Information - Total Cost	
Program Name	Industrial Load Management
Customer Category (Res/Com/Ind)	Commercial
Program Type (EE/DR/RE)	DR
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
Program Cost (% of Program)	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
Program Rate Impact	
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
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
Program Cost (% of Program)	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
Program Rate Impact	
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
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
Program Cost (% of Program)	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
Program Rate Impact	
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
Program Cost (Cumulative NPV) (\$000)	
Administrative (\$)	No Results
Education, Surveys, Marketing (\$)	No Results
Equipment, Installation, O&M (\$)	No Results
Incentives/Rebates (\$)	No Results
Total Costs (\$)	No Results
Program Cost (% of Program)	
Administrative (%)	No Results
Education, Surveys, Marketing (%)	No Results
Equipment, Installation, O&M (%)	No Results
Incentives/Rebates (%)	No Results
Program Rate Impact	
Residential Rate Impact (\$/mo)	No Results
Percentage of Total ECCR Rate (%)	No Results
Lost Revenues (\$)	No Results

10. Please refer to TECO's Petition, pages 315 through 317. Please provide, for the Renewable Energy Systems Initiative Program as a whole, and on an individual measure basis, the cumulative net present value of expenditures required over the period 2010 through 2019. Please provide the values broken down into categories including administrative, marketing, equipment, and incentives. As part of this response, please also provide the percentage that each category represents of the total program and measure expenditures. Please provide an electronic copy in Excel (.xls file format) with the hard copy response.

Measure Name	(-)	Residential & Commercial PV	Residential SWH	School PV	Low Income SWH	Total Program
Administrative	(\$)					
Education, Surveys, Marketing	(\$)					
Equipment, Installation, O&M	(\$)					
Incentives / Rebates	(\$)					
Total Cost	(\$)					
Administrative	(%)					
Education, Surveys, Marketing	(%)					
Equipment, Installation, O&M	(%)					
Incentives / Rebates	(%)					

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

Measure Name	(-)	Residential & Commercial PV	Residential SWH	School PV	Low Income SWH	Total Program
Administrative	(\$)	\$6,912	\$15,553	\$2,160	\$734	\$25,359
Education, Surveys, Marketing	(\$)	\$449,480	\$54,858	\$0	\$1,613	\$505,951
Equipment, Installation, O&M	(\$)	\$0	\$0	\$648,038	\$109,915	\$757,953
Incentives / Rebates	(\$)	\$4,320,253	\$648,038	\$0	\$0	\$4,968,291
Total Cost	(\$)	\$4,776,645	\$718,449	\$650,198	\$112,262	\$6,257,554
Administrative	(%)	0.14%	2.16%	0.33%	0.65%	0.41%
Education, Surveys, Marketing	(%)	9.41%	7.64%	0.00%	1.44%	8.09%
Equipment, Installation, O&M	(%)	0.00%	0.00%	99.67%	97.91%	12.11%
Incentives / Rebates	(%)	90.45%	90.20%	0.00%	0.00%	79.40%

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11. Please refer to TECO's Petition, pages 315 through 317. Please provide, for the Renewable Energy Systems Initiative Program as a whole, and on an individual measure basis, the estimated customer costs for each measure of the Renewable Energy Systems Initiative Program. For each measure, provide the incentive / rebate rate, and its associated units. For example, in \$/Watt or in \$/Participant. Also provide the associated non-recurring and recurring expenses, including administrative, equipment, incentives, and O&M. Please provide an electronic copy in Excel (.xls file format) with the hard copy response.

Measure Name	(-)	Residential & Commercial PV	Residential SWH	School PV	Low Income SWH
Incentive / Rebate Rate					
Incentive / Rebate Unit					
Participant Equipment Cost	(\$)				
Administrative	(\$/Part)				
Equipment	(\$/Part)				
Incentive / Rebate	(\$/Part)				
Administrative	(\$/Part/Yr)				
Equipment	(\$/Part/Yr)				
O&M	(\$/Part/Yr)				

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

Measure Name	(-)	Residential & Commercial PV	Residential SWH	School PV	Low Income SWH
Incentive / Rebate Rate		\$2.00 /watt			
Incentive / Rebate Unit		\$12,500	\$1,000	\$0	\$0
Participant Equipment Cost	(\$)	\$0	\$1	\$150,000	\$5,000
Administrative	(\$/Part)	\$20	\$24	\$500	\$34
Equipment	(\$/Part)	\$0	\$0	\$150,000	\$5,000
Incentive / Rebate	(\$/Part)	\$12,500	\$1,000	\$0	\$0
Administrative	(\$/Part/Yr)	\$0	\$0	\$0	\$0
Equipment	(\$/Part/Yr)	\$0	\$0	\$0	\$0
O&M	(\$/Part/Yr)	\$950	\$0	\$950	\$0