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March 1, 2016

VIA: ELECTRONIC MAIL

Mr. Greg Shafer, Director Division of Economics Florida Public Service Commission Room 225E – Gerald L. Gunter Building 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850

Re:

Tampa Electric Company's Summary of 2015 DSM Program Accomplishments

Dear Mr. Shafer:

Enclosed for filing is Tampa Electric Company's Summary of 2015 Demand Side Management Program Accomplishments, including an Appendix A (Renewable Energy Systems Initiative 2011-2015) and Appendix B (DSM Energy Education and Awareness Activities of 2015).

Thank you for your assistance in connection with this matter.

Sincerely,

James D. Beasley

JDB/pp Enclosure

cc:

Paula K. Brown

(w/o enc.)

## TAMPA ELECTRIC COMPANY-SUMMARY OF 2015 DEMAND SIDE MANAGEMENT PROGRAM ACCOMPLISHMENTS

Tampa Electric received approval of its 2015-2024 Demand Side Management ("DSM") goals in Docket No. 130201-EI, Order No. PSC-14-0696-FOF-EU, issued December 16, 2014. The company received approval of its 2015-2024 DSM Plan on August 11, 2015 in Docket No. 150081-EG, Order No. PSC-15-0323-PAA-EG. Tampa Electric transitioned to the DSM programs within the 2015-2024 DSM Plan on November 3, 2015 pursuant to receiving final approval of the supporting DSM standards on September 24, 2015.

For 2015, Tampa Electric achieved all of the annual and cumulative residential, commercial and combined DSM goals. The company achieved the following demand and annual energy ("AE") reductions identified at the generator:

2015 Residential Go	oals	Actual Residential D	OSM Achieved
SkW:	1.1 MW	SkW:	10.8 MW
WkW:	2.6 MW	WkW:	12.3 MW
AE:	1.8 GWh	AE:	21.2 GWh
2015 Commercial G	Goals	Actual Commercial	DSM Achieved
SkW:	1.7 MW	SkW:	11.7 MW
WkW:	1.2 MW	WkW:	8.1 MW
AE:	3.9 GWh	AE:	12.5 GWh
2015 Combined Go	als	Actual Combined D	SM Achieved
SkW:	2.8 MW	SkW:	22.5 MW
WkW:	3.8 MW	WkW:	20.4 MW
AE:	5.7 GWh	AE:	33.7 GWh

Tampa Electric also successfully retired the solar pilot program on December 31, 2015 pursuant to Order No. PSC-14-0632-FOF-EG. The summary report on the solar pilot program is included as an appendix to this report.

For 2016, Tampa Electric remains committed to offering DSM programs that advance the policy objectives of FEECA, are directly monitorable, yield measurable results and are cost-effective to deliver. Tampa Electric will continue the company's advertising campaign of bill inserts, print media and television advertisements aimed at educating customers on opportunities to participate in programs to assist in meeting their energy efficiency requirements. Additionally, the company will continue its focus on assisting and educating low-income customers, offering low-income initiatives and bringing greater energy awareness and education to all customers concerning the efficient use of energy. A summary of 2015 energy awareness and education activities is also included as an appendix to this report.

The attached pages present individual program participation levels and summaries demonstrating that the company achieved its annual residential, commercial and combined DSM goals as described in Rule 25-17, (4), Florida Administrative Code.

			Demand	Side Managem	ent Annual Repo	rt		
Utility: Program Na Program St Reporting F	tart Date:	Tampa Electric RESIDENTIAL May 1981 Annual 2015		AUDIT (aka Wa	lk-Thru Audit or EA	A Free)		
а	b	С	d	е	f	g	h	i
<u>Year</u> 2015	Total Number of Customers 628,392	Total Number of Eligible Customers 628,392	Projected Cumulative Number of Program Participants 6,000	Projected Cumulative Penetration Level % [(d/c)x100] 1.0%	Actual Annual Number of Program Participants 8,304	Actual Cumulative Number of Program Participants 8,304	Actual Cumulative Penetration Level % [(g/c)x100] 1.3%	Actual Participation Over (Under) Projected Participants (g-d) 2,304
					<b>5</b>			
Annual De	mand and Ener	gy Savings - 20			Participants	7,273		
				stallation		m Total		
Summar k\	V Reduction		@ Meter 0.05	@ Generator 0.05	@ Meter 363.65	@ Generator 390.20		
Winter kW			0.03	0.03	509.11	546.28		
	h Reduction		544	574	3,956,512.00	4,178,076.67		
Annual De	mand and Ener	gy Savings - 20	)15 - 2024 DSM	Plan	Participants	1,031		
			Per In:	stallation	Progra	ım Total		
			@ Meter	@ Generator	@ Meter	@ Generator		
	V Reduction		0.07	0.08	72.17	77.44		
Winter kW			0.08	0.09	83.51	89.61		
Annual kW	h Reduction		395	417	407,245.00	430,050.72		
Annual De	mand and Ener	gy Savings - C	ombined (1)		Progra	ım Total		
					@ Meter	@ Generator		
	V Reduction				0.00	0.00		
Winter kW					0.00	0.00		
Annual kW	h Reduction				0.00	0.00		
Utility Cost	per Installation (	\$):			263			
	am Cost of the U				2,180.4			
	s of Measures Ir		Reporting Period	d (\$000):	(2,232.4)			
Note 1: Dei	mand and energ	y savings not in	cluded in achiev	rements	,			
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			Demand S	Side Manageme	nt Annual Repo	rt		
Utility:		Tampa Electri	c Company					
		•	. ,	A COLOTED ALID	NTC			
Program Na			L CUSTOMER /	ASSISTED AUD	115			
Program St		June 1996						
Reporting F	Perioa:	Annual 2015						
а	b	С	d	е	f	g	h	i Actual
			Projected	Projected	Actual	Actual	Actual	Participation
		Total	Cumulative	Cumulative	Annual	Cumulative	Cumulative	Over (Under)
	Total	Number of	Number of	Penetration	Number of	Number of	Penetration	Projected
	Number of	Eligible	Program	Level %	Program	Program	Level %	Participants
Year	Customers	Customers	Participants	[(d/c)x100]	Participants	Participants	[(g/c)x100]	(g-d)
2015	628,392	628,392	500	0.1%	658	658	0.1%	158
Annual De	mand and Ene	rgy Savings - 2			Participants	652		
				stallation		m Total		
			@ Meter	@ Generator	@ Meter	@ Generator		
	V Reduction		0.04	0.04	26.08	27.98		
Winter kW			0.06	0.06	39.12	41.98		
Annual kWl	h Reduction		510	539	332,520.00	351,141.12		
Annual De	mand and Ene	rgy Savings - 2	015 - 2024 DSN	l Plan	Participants	6		
		0,		stallation		m Total		
			@ Meter	@ Generator	@ Meter	@ Generator		
Summer kV	V Reduction		0.05	0.06	0.32	0.34		
Winter kW			0.06	0.07	0.37	0.39		
Annual kWI	h Reduction		296	313	1,776.00	1,875.46		
Annual De	mand and Ene	rgy Savings - C	combined (1)		Progra	m Total		
					@ Meter	@ Generator		
Summer kV	V Reduction				0.00	0.00		
Winter kW					0.00	0.00		
Annual kWI	h Reduction				0.00	0.00		
Utility Cost	per Installation	(\$):			124			
	am Cost of the I	. ,			81.4			
	s of Measures I		Reportina Perio	d (\$000):	76.3			
	mand and energ							
	J							

			Demand S	ide Managemen	t Annual Report	:		
Utility: Program N Program Si Reporting I	tart Date:	Tampa Electri RESIDENTIA January 1981 Annual 2015		Computer Assiste	ed - Paid)			
а	b	С	d	е	f	g	h	i
Year 2015	Total Number of Customers 628,392	Total Number of Eligible Customers 628,392	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants 5	Actual Cumulative Number of Program Participants 5	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) 4
Annual De	emand and Ene	rgy Savings - 2	<b>010 - 2019 DSM</b> Per In	<b>I Plan</b> stallation	Participants Progra	3 m Total		
			@ Meter	@ Generator	@ Meter	@ Generator		
Summer k\	N Reduction		0.05	0.05	0.15	0.16		
Winter kW			0.07	0.08	0.21	0.23		
Annual kW	h Reduction		544	574	1,632.00	1,723.39		
Annual De	mand and Ene	rgy Savings - 2	015 - 2024 DSN	l Plan	Participants	2		
		. g, cagc =		stallation	•	m Total		
			@ Meter	@ Generator	@ Meter	@ Generator		
Summer k\	N Reduction		0.07	0.08	0.14	0.15		
Winter kW	Reduction		0.08	0.09	0.16	0.17		
Annual kW	h Reduction		395	417	790.00	834.24		
Annual De	mand and Ene	rgy Savings - C	Combined (1)		Progra	m Total		
		<u> </u>			@ Meter	@ Generator		
Summer k\	N Reduction				0.00	0.00		
Winter kW	Reduction				0.00	0.00		
Annual kW	h Reduction				0.00	0.00		
Utility Cost	per Installation	(\$):			536			
	ram Cost of the				2.7			
			Reporting Period	d (\$000):	(5.0)			
			cluded in achiev		(0.0)			
		,,						

1		Demand S	Side Manageme	nt Annual Report			
Utility: Program Name: Program Start Date: Reporting Period:	Tampa Electri RESIDENTIAI November 198 Annual 2015	L CEILING INSU	JLATION				
a b	С	d	е	f	g	h	i Actual
Total Number of Year 2015 Customers 628,392	Total Number of Eligible Customers 494,802	Projected Cumulative Number of Program Participants 1,000	Projected Cumulative Penetration Level % [(d/c)x100] 0.2%	Actual Annual Number of Program Participants 3,057	Actual Cumulative Number of Program Participants 3,057	Actual Cumulative Penetration Level % [(g/c)x100] 0.6%	Participation Over (Under) Projected Participants (g-d) 2,057
Annual Demand and Ener	gy Savings - 2		<b>/I Plan</b> stallation	Participants Progra	2,761 m Total		
		@ Meter	@ Generator	@ Meter	@ Generator		
Summer kW Reduction		0.27	0.29	745.47	799.89		
Winter kW Reduction		0.38	0.41	1,049.18	1,125.77		
Annual kWh Reduction		267	282	737,187.00	778,469.47		
Annual Demand and Ener	av Savinas - 2	015 - 2024 DSN	/I Plan	Participants	296		
Annual Belliand and Ener	gy davings - 2		stallation		m Total		
		@ Meter	@ Generator	@ Meter	@ Generator		
Summer kW Reduction		0.26	0.28	76.66	82.26		
Winter kW Reduction		0.37	0.40	110.11	118.15		
Annual kWh Reduction		848	895	251,008.00	265,064.45		
Annual Demand and Ener	gy Savings - C	Combined		Progra	m Total		
	3,go 0			@ Meter	@ Generator		
Summer kW Reduction				822.13	882.15		
Winter kW Reduction				1,159.29	1,243.92		
Annual kWh Reduction				988,195.00	1,043,533.92		
Annual KWII Reduction							
Utility Cost per Installation (				248			
	Jtility (\$000):		L (\$0.00)	248 758.5 1,076.1			

			Demand	Side Manageme	ent Annual Report			
Utility: Program N Program S Reporting I	tart Date:	Tampa Electri RESIDENTIAI September 19 Annual 2015	_ DUCT REPAII	R				
а	b	С	d	е	f	g	h	i
Year 2015	Total Number of Customers 628,392	Total Number of Eligible Customers 480,750	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 1.9%	Actual Annual Number of Program Participants 1,895	Actual Cumulative Number of Program Participants 1,895	Actual Cumulative Penetration Level % [(g/c)x100] 0.8%	Actual Participation Over (Under) Projected Participants (g-d) 1,145
Annual De	mand and Ene	rgy Savings - 2		// Plan stallation	Participants	1,748		
			@ Meter	@ Generator	@ Meter	m Total @ Generator		
Summar kl	W Reduction		0.16	0.17	279.68	300.10		
Winter kW			0.10	0.17	349.60	375.12		
	h Reduction		271	286	473,708.00	500,235.65		
Annual De	mand and Ene	rgy Savings - 2	015 - 2024 DSN	/I Plan	Participants	147		
				stallation		m Total		
			@ Meter	@ Generator	@ Meter	@ Generator		
	W Reduction		0.17	0.18	25.14	26.97		
Winter kW			0.22	0.23	31.90	34.23		
Annuai kvv	h Reduction		298	315	43,806.00	46,259.14		
Annual De	mand and Ene	rgy Savings - C	ombined		Progra	m Total		
<u> </u>					@ Meter	@ Generator		
	N Reduction				304.82	327.07		
Winter kW					381.50	409.35		
Annual KW	h Reduction				517,514.00	546,494.78		
Utility Cost	per Installation	(\$):			230			
	am Cost of the				435.1			
	ts of Measures I		Reporting Perio	d (\$000):	328.5			
1		•	_					

Demand Side Management Annual Report										
Utility: Tampa Electric Company Program Name: RESIDENTIAL ELECTRONICALLY COMMUTATED MOTORS Program Start Date: November 2011 Reporting Period: Annual 2015										
а	b	С	d	е	f	g	h	j		
Year 2015	Total Number of Customers 628,392	Total Number of Eligible Customers 628,392	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants 4	Actual Cumulative Number of Program Participants 4	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) (1)		
Annual Dei	mand and Ener	rgy Savings - 2	Per Ins	stallation		4 m Total				
			@ Meter	@ Generator	@ Meter	@ Generator				
	V Reduction		0.14	0.15	0.56	0.60				
Winter kW			0.13	0.14	0.52	0.56				
Annual KWI	n Reduction		352	372	1,408.00	1,486.85				
Annual Dei	mand and Ene	rgy Savings - 2	015 - 2024 DSN	l Plan	Participants	0				
			Per Ins	stallation	Progra	m Total				
			@ Meter	@ Generator	@ Meter	@ Generator				
	V Reduction		0.15	0.16	0.00	0.00				
Winter kW			0.14	0.15	0.00	0.00				
Annual kWh	n Reduction		388	410	0.00	0.00				
Annual Dei	mand and Fne	rgy Savings - C	ombined		Progra	m Total				
, unidai bei	and and Enter	gy carnigs - 0	J		@ Meter	@ Generator				
Summer kV	V Reduction				0.56	0.60				
Winter kW					0.52	0.56				
	n Reduction				1,408.00	1,486.85				
	per Installation				185					
	am Cost of the l			I (#000)	0.7					
inet Benefits	s of Measures II	nstalled During I	Reporting Perior	a (\$000):	0.8					
I										

Demand Side Management Annual Report												
Utility: Tampa Electric Company Program Name: ENERGY EDUCATION, AWARENESS AND AGENCY OUTREACH Program Start Date: May 2011 Reporting Period: Annual 2015												
а	b	С	d	е	f	g	h	i				
Year 2015	Total Number of Customers 628,392	Total Number of Eligible Customers 628,392	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.1%	Actual Annual Number of Program Participants 1,412	Actual Cumulative Number of Program Participants 1,412	Actual Cumulative Penetration Level % [(g/c)x100] 0.2%	Actual Participation Over (Under) Projected Participants (g-d) 912				
Annual Da	mand and Ene	ran Cardinaa a	010 2010 DSI	4 Diam	Б .: : .	4 4 4 6						
Allitual De	illianu anu Enei	rgy Savings - 2			Participants Progra	1,148 m Total						
Allitual De	illand and Ener	rgy Savings - 2	Per In	stallation	Progra	m Total						
	W Reduction	rgy Savings - 2			•	,						
Summer kV	W Reduction	rgy Savings - 2	Per In: @ Meter	stallation @ Generator	Progra @ Meter	m Total @ Generator						
Summer kV Winter kW	W Reduction	gy Savings - 2	Per In: @ Meter 0.02	stallation  @ Generator 0.02	Progra @ Meter 22.96	m Total  @ Generator 24.64						
Summer kV Winter kW Annual kWl	N Reduction Reduction		Per In  @ Meter  0.02 0.03 255	stallation  @ Generator 0.02 0.03 269	Progra  @ Meter  22.96 34.44 292,740.00  Participants	M Total  @ Generator  24.64  36.95  309,133.44						
Summer kV Winter kW Annual kWl	N Reduction Reduction h Reduction		Per In.  @ Meter	stallation  @ Generator 0.02 0.03 269  # Plan stallation	Progra  @ Meter  22.96 34.44 292,740.00  Participants Progra	@ Generator						
Summer kV Winter kW Annual kWl	W Reduction Reduction h Reduction mand and Ener		Per In.  @ Meter  0.02 0.03 255  0015 - 2024 DSN Per In.  @ Meter	stallation  @ Generator 0.02 0.03 269  # Plan stallation @ Generator	Progra  @ Meter  22.96 34.44 292,740.00  Participants Progra  @ Meter	@ Generator						
Summer kV Winter kW Annual kWl <b>Annual De</b> l Summer kV	W Reduction Reduction h Reduction mand and Ener		Per In:  @ Meter	### Stallation    @ Generator	Progra  @ Meter	@ Generator						
Summer kV Winter kW Annual kWl <b>Annual De</b> l Summer kV Winter kW	W Reduction Reduction h Reduction mand and Ener		Per In.  @ Meter  0.02 0.03 255  0015 - 2024 DSN Per In.  @ Meter	stallation  @ Generator 0.02 0.03 269  # Plan stallation @ Generator	Progra  @ Meter  22.96 34.44 292,740.00  Participants Progra  @ Meter	@ Generator						
Summer kV Winter kW Annual kWl <b>Annual De</b> r Summer kV Winter kW Annual kWl	W Reduction Reduction h Reduction mand and Ener W Reduction Reduction	rgy Savings - 2	Per In.  @ Meter  0.02 0.03 255  0015 - 2024 DSN Per In.  @ Meter  0.03 0.05 342	### Stallation    @ Generator	Progra  @ Meter  22.96 34.44 292,740.00  Participants Progra  @ Meter  6.60 12.14 90,288.00	© Generator 24.64 36.95 309,133.44  264 m Total  © Generator 7.08 13.03						
Summer kV Winter kW Annual kWl <b>Annual De</b> r Summer kV Winter kW Annual kWl	W Reduction Reduction h Reduction mand and Ener W Reduction Reduction h Reduction	rgy Savings - 2	Per In.  @ Meter  0.02 0.03 255  0015 - 2024 DSN Per In.  @ Meter  0.03 0.05 342	### Stallation    @ Generator	Progra  @ Meter  22.96 34.44 292,740.00  Participants Progra  @ Meter  6.60 12.14 90,288.00  Progra  @ Meter	m Total  @ Generator						
Summer kV Winter kW Annual kWl Annual Der Summer kV Winter kW Annual kWl	W Reduction Reduction h Reduction mand and Ener W Reduction Reduction h Reduction	rgy Savings - 2	Per In.  @ Meter  0.02 0.03 255  0015 - 2024 DSN Per In.  @ Meter  0.03 0.05 342	### Stallation    @ Generator	Progra  @ Meter  22.96 34.44 292,740.00  Participants Progra  @ Meter  6.60 12.14 90,288.00  Progra	m Total  @ Generator						
Summer kV Winter kW Annual kWl Annual Del Summer kV Winter kW Annual kWl Annual Del Summer kV Winter kW	W Reduction Reduction h Reduction  mand and Ener W Reduction h Reduction h Reduction mand and Ener W Reduction	rgy Savings - 2	Per In.  @ Meter  0.02 0.03 255  0015 - 2024 DSN Per In.  @ Meter  0.03 0.05 342	### Stallation    @ Generator	Progra  @ Meter  22.96 34.44 292,740.00  Participants Progra  @ Meter  6.60 12.14 90,288.00  Progra  @ Meter  29.56 46.58	m Total  @ Generator						
Summer kV Winter kW Annual kWl Annual Del Summer kV Winter kW Annual kWl Annual Del Summer kV Winter kW	W Reduction Reduction h Reduction  mand and Ener W Reduction Reduction h Reduction mand and Ener mand and Ener	rgy Savings - 2	Per In.  @ Meter  0.02 0.03 255  0015 - 2024 DSN Per In.  @ Meter  0.03 0.05 342	### Stallation    @ Generator	Progra  @ Meter	M Total  @ Generator						
Summer kV Winter kW Annual kWl Annual Del Summer kV Winter kW Annual kWl Annual bel Summer kV Winter kW Annual kWl	W Reduction Reduction h Reduction mand and Ener W Reduction h Reduction h Reduction mand and Ener W Reduction h Reduction h Reduction Reduction h Reduction	rgy Savings - 2 rgy Savings - 0	Per In.  @ Meter  0.02 0.03 255  0015 - 2024 DSN Per In.  @ Meter  0.03 0.05 342	### Stallation    @ Generator	Progra  @ Meter  22.96 34.44 292,740.00  Participants Progra  @ Meter  6.60 12.14 90,288.00  Progra  @ Meter  29.56 46.58	m Total  @ Generator						
Summer kV Winter kW Annual kWl Annual Del Summer kV Winter kW Annual kWl Annual kWl Winter kW Annual kWl	W Reduction Reduction h Reduction  mand and Ener W Reduction h Reduction h Reduction mand and Ener W Reduction	rgy Savings - 2 rgy Savings - C	Per In.  @ Meter  0.02 0.03 255  0015 - 2024 DSN Per In.  @ Meter  0.03 0.05 342	### Stallation    @ Generator	Progra  @ Meter  22.96 34.44 292,740.00  Participants Progra  @ Meter  6.60 12.14 90,288.00  Progra  @ Meter  29.56 46.58 383,028.00	m Total  @ Generator						

Projected Projected Actual Actual Pa Total Cumulative Cumulative Annual Cumulative Cumulative Ove Total Number of Number of Penetration Number of Number of Penetration P	i Actual articipation er (Under) Projected articipants (g-d) 2,394
Projected   Projected   Cumulative   Cumul	articipation ver (Under) Projected articipants (g-d)
Projected   Projected   Actual   Actual   Actual   Cumulative   Cumulative   Cumulative   Number of   Penetration   Program   Level %   Participants   Par	articipation ver (Under) Projected articipants (g-d)
Per Installation         Program Total           @ Meter         @ Generator         @ Meter         @ Generator           Summer kW Reduction         0.79         0.85         1,620.29         1,738.57           Winter kW Reduction         0.58         0.62         1,189.58         1,276.42	
Summer kW Reduction         0.79         0.85         1,620.29         1,738.57           Winter kW Reduction         0.58         0.62         1,189.58         1,276.42	
Winter kW Reduction 0.58 0.62 1,189.58 1,276.42	
Annual Demand and Energy Savings - 2015 - 2024 DSM Plan Participants 443	
Per Installation Program Total	
@ Meter @ Generator _ @ Meter @ Generator	
Summer kW Reduction 0.53 0.57 235.23 252.41	
Winter kW Reduction 0.49 0.53 217.07 232.92	
Annual kWh Reduction 2,489 2,628 1,102,627.00 1,164,374.11	
Annual Demand and Energy Savings - Combined Program Total	
@ Meter	
Summer kW Reduction 1,855.52 1,990.98	
Winter kW Reduction 1,406.65 1,509.34	
Annual kWh Reduction 4,396,533.00 4,642,738.85	
Utility Cost per Installation (\$): 903	
Total Program Cost of the Utility (\$000): 2,252.6	
Net Benefits of Measures Installed During Reporting Period (\$000): 2,269.5	

			Demand	Side Managem	ent Annual Repo	rt		
Utility: Program Na Program St Reporting F	art Date:	Tampa Electri RESIDENTIA July 2000 Annual 2015	c Company L HEATING ANI	) COOLING				
а	b	С	d	е	f	g	h	i
Year 2015	Total Number of Customers 628,392	Total Number of Eligible Customers 628,392	Projected Cumulative Number of Program Participants 1,000	Projected Cumulative Penetration Level % [(d/c)x100] 0.2%	Actual Annual Number of Program Participants 5,214	Actual Cumulative Number of Program Participants 5,214	Actual Cumulative Penetration Level % [(g/c)x100] 1.0%	Actual Participation Over (Under) Projected Participants (g-d) 4,214
Annual Dei	mand and Ene	rgy Savings - 2	010 - 2019 DSM Per Ins @ Meter	Plan stallation @ Generator	Participants Progra  @ Meter	4,762 nm Total @ Generator		
Summer kV	V Reduction		0.36	0.39	1,714.32	1,839.47		
Winter kW			0.52	0.56	2,476.24	2,657.01		
	h Reduction		946	999	4,504,852.00	4,757,123.71		
Annual De	mand and Ene	rav Savinas - 2	015 - 2024 DSM	Plan	Participants	452		
		. g,g		stallation	•	ım Total		
			@ Meter	@ Generator	@ Meter	@ Generator		
Summer kV	V Reduction		0.10	0.11	46.10	49.47		
Winter kW	Reduction		0.33	0.36	150.52	161.50		
Annual kWI	h Reduction		371	392	167,692.00	177,082.75		
Annual De	mand and Ene	rgy Savings - C	ombined		Progra	ım Total		
					@ Meter	@ Generator		
Summer kV	V Reduction				1,760.42	1,888.93		
Winter kW					2,626.76	2,818.51		
Annual kWI	h Reduction				4,672,544.00	4,934,206.46		
Utility Cost	per Installation	(\$):			306			
	am Cost of the				1,594.4			
			Reporting Period	d (\$000):	1,668.5			
		3	. 0		,			

			Demand	Side Managem	ent Annual Report			Ī
Utility: Program Na Program Sta Reporting P	art Date:	Tampa Electri NEIGHBORH March 2008 Annual 2015	c Company OOD WEATHER	RIZATION				
а	b	С	d	е	f	g	h	i
Year 2015	Total Number of Customers 628,392	Total Number of Eligible Customers 109,703	Projected Cumulative Number of Program Participants 5,000	Projected Cumulative Penetration Level % [(d/c)x100] 4.6%	Actual Annual Number of Program Participants 7,912	Actual Cumulative Number of Program Participants 7,912	Actual Cumulative Penetration Level % [(g/c)x100] 7.2%	Actual Participation Over (Under) Projected Participants (g-d) 2,912
	mand and Ener	gy Savings - 2	Per Ins @ Meter	stallation @ Generator	Participants Program  @ Meter	@ Generator		
	V Reduction		0.17	0.18	1,071.00	1,149.18		
Winter kW I			0.17	0.18	1,071.00	1,149.18		
Annual kWh	n Reduction		428	452	2,696,400.00	2,847,398.40		
Annual Der	mand and Ener	av Savings - 2	015 - 2024 DSN	/I Plan	Participants	1,612		
		3, 1, 3		stallation	Prograr			
			@ Meter	@ Generator	@ Meter	@ Generator		
Summer kW	V Reduction		0.24	0.26	388.49	416.85		
Winter kW			0.34	0.36	543.24	582.90		
Annual kWh			1,222	1,290	1,969,864.00	2,080,176.38		
Annual Der	mand and Ener	gy Savings - C	ombined		Prograr	m Total		
					@ Meter	@ Generator		
	V Reduction				1,459.49	1,566.03		
Winter kW I					1,614.24	1,732.08		
Annual kWh	n Reduction				4,666,264.00	4,927,574.78		
Total Progra	per Installation ( am Cost of the U s of Measures In	Jtility (\$000):	Reporting Perio	d (\$000):	505 3,994.3 (9,130.4)			

			Demand	Side Managem	ent Annual Repo	rt		
Utility: Program Na Program St Reporting F	tart Date:	Tampa Electri ENERGY PLA September 20 Annual 2015	NNER					
а	b	С	d	е	f	g	h	i
								Actual
			Projected	Projected	Actual	Actual	Actual	Participation
		Total	Cumulative	Cumulative	Annual	Cumulative	Cumulative	Over (Under)
	Total	Number of	Number of	Penetration	Number of	Number of	Penetration	Projected
	Number of	Eligible	Program	Level %	Program	Program	Level %	Participants
Year	Customers	Customers	Participants	[(d/c)x100]	Participants	Participants	[(g/c)x100]	(g-d)
2015	628,392	628,392	1,000	0.2%	1,088	1,088	0.2%	88
Annual De	mand and Enei	rgy Savings - 2			Participants	947		
				stallation		m Total		
l			@ Meter	@ Generator	@ Meter	@ Generator		
	V Reduction		2.00	2.15	1,894.00	2,032.26		
Winter kW			3.10	3.33	2,935.70	3,150.01		
Annual kW	h Reduction		1,154	1,219	1,092,838.00	1,154,036.93		
Annual De	mand and Enei	ray Savinas - 2	015 - 2024 DSN	l Plan	Participants	141		
,aa. 20.		. g, oa go _		stallation		m Total		
			@ Meter	@ Generator	@ Meter	@ Generator		
Summer kV	V Reduction		2.01	2.16	283.69	304.40		
Winter kW	Reduction		3.13	3.36	441.89	474.15		
	h Reduction		242	256	34,122.00	36,032.83		
Annual De	mand and Ene	rgy Savings - C	ombined		Progra	m Total		
					@ Meter	@ Generator		
Summer kV	W Reduction				2,177.69	2,336.66		
Winter kW	Reduction				3,377.59	3,624.16		
Annual kW	h Reduction				1,126,960.00	1,190,069.76		
Litellian Cook	nor lootallatia - 1	(Φ) <sup>(1)</sup> .			4.000			
	per Installation (				1,038			
	am Cost of the l		Demontin D i	-L (\$000)	4,061.5			
	s of Measures In				11,512.1			
INOLE 1: Util	ity costs based	upon total progr	am costs and to	ıtaı participation				

Demand Side Management Annual Report										
Utility: Program Na Program Sta Reporting P	art Date:	Tampa Electric RESIDENTIAL March 2008 Annual 2015	c Company L WALL INSULA	ATION						
а	b	С	d	е	f	g	h	j A otvol		
Year 2015	Total Number of Customers 628,392	Total Number of Eligible Customers 628,329	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants 122	Actual Cumulative Number of Program Participants 122	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) 94		
Annual Demand and Energy Savings - 2010 - 2019 DSM Plan Per Installation Program Total  @ Meter @ Generator Participants 118  Per Installation Program Total  @ Meter @ Generator										
Summer kV	V Reduction		0.35	0.38	41.30	44.31				
Winter kW	Reduction		1.08	1.16	127.44	136.74				
Annual kWh	n Reduction		1,330	1,404	156,940.00	165,728.64				
Annual Dei	mand and Ene	rgy Savings - 2	015 - 2024 DSN	/I Plan	Participants	4				
		g, cargc =		stallation	•	ım Total				
			@ Meter	@ Generator	@ Meter	@ Generator				
Summer kW	V Reduction		0.10	0.11	0.42	0.45				
Winter kW			0.23	0.24	0.90	0.97				
Annual kWh			399	421	1,596.00	1,685.38				
Annual Der	mand and Ene	rgy Savings - C	ombined		Progra	ım Total				
		J. J. J			@ Meter	@ Generator				
Summer kW Reduction 41.72 44.76										
	Winter kW Reduction 128.34 137.71									
Annual kWh Reduction 158,536.00 167,414.02										
Utility Cost per Installation (\$):  Total Program Cost of the Utility (\$000):  Net Benefits of Measures Installed During Reporting Period (\$000):  4.4										

			Demand :	Side Manageme	nt Annual Report			
Utility: Program Na Program Sta Reporting P	art Date:	Tampa Electri RESIDENTIAL March 2008 Annual 2015	c Company _ WINDOW RE	PLACEMENT				
а	b	С	d	е	f	g	h	i
Year 2015	Total Number of Customers 628,392	Total Number of Eligible Customers 619,895	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.1%	Actual Annual Number of Program Participants 1,811	Actual Cumulative Number of Program Participants 1,811	Actual Cumulative Penetration Level % [(g/c)x100] 0.3%	Actual Participation Over (Under) Projected Participants (g-d) 1,311
Annual Der	mand and Ener	gy Savings - 2		VI Plan stallation @ Generator	Participants Progra  @ Meter	1,588 Im Total @ Generator		
Summer kW	V Reduction		0.72	0.77	1,143.36	1,226.83		
Winter kW			0.39	0.42	625.67	671.35		
Annual kWh	n Reduction		1,091	1,152	1,732,508.00	1,829,528.45		
Annual Der	mand and Ener	gy Savings - 2	015 - 2024 DSI	/I Plan	Participants	223		
				stallation		m Total		
			@ Meter	@ Generator	@ Meter	@ Generator		
Summer kW	V Reduction		0.31	0.33	69.35	74.42		
Winter kW I			0.21	0.23	47.28	50.73		
Annual kWh	n Reduction		1,121	1,184	249,983.00	263,982.05		
Annual Der	mand and Ener	gy Savings - C	ombined			ım Total		
					@ Meter	@ Generator		
Summer kV	V Reduction				1,212.71	1,301.24		
Winter kW I	Reduction				672.95	722.07		
Annual kWh	n Reduction				1,982,491.00	2,093,510.50		
Utility Cost   Total Progra Net Benefits								

Demand Side Management Annual Report										
Utility: Program Name: Program Start Date: Reporting Period:	Tampa Electric RESIDENTIAL March 2008 Annual 2015	c Company . WINDOW FILI	М							
a b	С	d	е	f	g	h	j A otu ol			
Total Number of Year Customers 2015 628,392	Total Number of Eligible Customers 625,431	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants 379	Actual Cumulative Number of Program Participants 379	Actual Cumulative Penetration Level % [(g/c)x100] 0.1%	Actual Participation Over (Under) Projected Participants (g-d) 379			
Annual Demand and Energy Savings - 2010 - 2019 DSM Plan         Participants         379           Per Installation         Program Total           @ Meter         @ Generator         @ Meter         @ Generator           Summer kW Reduction         0.34         0.36         128.86         138.27										
Winter kW Reduction Annual kWh Reduction		0.00 672	0.00 710	0.00 254,688.00	0.00 268,950.53					
Annual KWII Reduction		072	710	254,000.00	200,930.33					
Annual Demand and Ener	gy Savings - 20	015 - 2024 DSN	l Plan	Participants	0					
	0,		stallation		m Total					
		@ Meter	@ Generator	@ Meter	@ Generator					
Summer kW Reduction		0.00	0.00	0.00	0.00					
Winter kW Reduction		0.00	0.00	0.00	0.00					
Annual kWh Reduction		0	0	0.00	0.00					
Annual Demand and Ener	av Savinas - C	ombined		Progra	m Total					
@ Meter										
Summer kW Reduction 128.86 138.27										
Winter kW Reduction				0.00	0.00					
Annual kWh Reduction 254,688.00 268,950.53										
Utility Cost per Installation (\$):  Total Program Cost of the Utility (\$000):  Net Benefits of Measures Installed During Reporting Period (\$000):  254,000.00  200,950.05  200,950.05  200,950.05  200,950.05  200,950.05  200,950.05  200,950.05										

Demand Side Management Annual Report										
Utility: Program Na Program St Reporting F	art Date:	Tampa Electri RESIDENTIAI November 20 <sup>-</sup> Annual 2015	_ HVAC RE-CO	MMISSIONING						
а	b	С	d	е	f	g	h	i		
Year 2015	Total Number of Customers 628,392	Total Number of Eligible Customers 627,437	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants 138	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) 138		
Annual Demand and Energy Savings - 2010 - 2019 DSM Plan Participants 138										
			@ Meter	stallation @ Generator	@ Meter	m Total @ Generator				
Summer kV	V Reduction		0.14	0.15	19.32	20.73				
Winter kW			0.13	0.13	17.94	19.25				
	h Reduction		355	375	48,990.00	51,733.44				
Annual De	mand and Ene	rgy Savings - 2	015 - 2024 DSN	l Plan	Participants	0				
		0,		stallation	•	m Total				
			@ Meter	@ Generator	@ Meter	@ Generator				
Summer kV	V Reduction		0.00	0.00	0.00	0.00				
Winter kW	Reduction		0.00	0.00	0.00	0.00				
Annual kWl	h Reduction		0	0	0.00	0.00				
Annual De	mand and Ene	rgy Savings - C	ombined		Progra	m Total				
					@ Meter	@ Generator				
Summer kV	V Reduction				19.32	20.73				
Winter kW	Reduction				17.94	19.25				
Annual kWI	h Reduction				48,990.00	51,733.44				
Utility Cost	per Installation	(\$):			154					
Total Progra	am Cost of the I	Jtility (\$000):			21.3					
	s of Measures I		Reporting Perio	d (\$000):	0.0					
(4000).										

			Demand Sig	de Management	Annual Report					
Utility: Program Na Program St Reporting F	tart Date:	Tampa Electric FREE COMMI July 1983 Annual 2015	c Company ERCIAL/INDUS	TRIAL AUDIT						
а	b	С	d	е	f	g	h	i		
			5					Actual		
		<b>T</b>	Projected	Projected	Actual	Actual	Actual	Participation		
	<b>.</b>	Total	Cumulative	Cumulative	Annual	Cumulative	Cumulative	Over (Under)		
	Total	Number of	Number of	Penetration	Number of	Number of	Penetration	Projected		
<b>V</b>	Number of	Eligible	Program	Level %	Program	Program	Level %	Participants		
Year	Customers	Customers	Participants	[(d/c)x100]	Participants	Participants	[(g/c)x100]	(g-d)		
2015	80,277	80,277	700	0.9%	913	913	1.1%	213		
Annual De	mand and Ener	gy Savings - 2	010 - 2019 DSN	l Plan	Participants	806				
			Per In:	stallation	Prograi	m Total				
			@ Meter	@ Generator	@ Meter	@ Generator				
	N Reduction		0.10	0.11	80.60	86.24				
Winter kW			0.09	0.10						
Annual kW	h Reduction		748	787	602,888.00	634,238.18				
Annual De	mand and Ener	gy Savings - 2	015 - 2024 DSN	l Plan	Participants	107				
			Per Ins	stallation	Prograi	80.60 86.24 72.54 77.62 2,888.00 634,238.18 ticipants 107 Program Total				
			@ Meter	@ Generator	@ Meter	@ Generator				
Summer kV	W Reduction		0.09	0.10	9.95	10.65				
Winter kW	Reduction		0.09	0.10	10.06	10.76				
Annual kW	h Reduction		817	859	87,419.00	91,964.79				
Annual De	mand and Ene	gy Savings - C	ombined (1)		Prograi	m Total				
					@ Meter	@ Generator				
Summer kV	W Reduction				0.00	0.00				
Winter kW	Reduction				0.00	0.00				
Annual kW	h Reduction				0	0				
Utility Cost	Itility Cost per Installation (\$): 215									
	am Cost of the U				196.6					
	s of Measures I		Reportina Perio	d (\$000):	(198.3)					
	mand and energ				(.55.5)					
20.	27.0.9	,,								

Demand Side Management Annual Report											
Utility: Program Na Program St Reporting F	art Date:	Tampa Electric COMPREHEN May 1981 Annual 2015	c Company ISIVE COMMER	RCIAL/INDUSTF	RIAL AUDIT						
а	b	С	d	е	f	g	h	j Antoni			
Year 2015	Total Number of Customers 80,277	Total Number of Eligible Customers 80,277	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) (3)			
Annual Demand and Energy Savings - 2010 - 2019 DSM Plan Per Installation Program Total											
Summer kV	V Reduction		@ Meter 0.10	@ Generator 0.11	@ Meter 0.10	@ Generator 0.11					
Winter kW			0.09	0.10	0.09	0.10					
Annual kWl	n Reduction		748	787	748.00	786.90					
Annual Dei	mand and Ener	gy Savings - 2	015 - 2024 DSN	l Plan	Participants	0					
		3, 3.		stallation	Prograi	m Total					
			@ Meter	@ Generator	@ Meter	@ Generator					
Summer kV	V Reduction		0.09	0.10	0.00	0.00					
Winter kW I	Reduction		0.09	0.10	0.00	0.00					
Annual kWl	n Reduction		817	859	0.00	0.00					
Annual Demand and Energy Savings - Combined (1)  Program Total  @ Meter @ Generator											
Summer kV	V Reduction				0.00	0.00					
Winter kW					0.00	0.00					
Annual kWh Reduction 0 0											
Total Progra	Annual kWh Reduction 0 0  Utility Cost per Installation (\$): 3,670  Total Program Cost of the Utility (\$000): 3.7  Net Benefits of Measures Installed During Reporting Period (\$000): (2.0)  Note 1: Demand and energy savings not included in achievements										

Utility:	Demand Side Management Annual Report											
Actual   Actual   Actual   Actual   Cumulative   Cumula	Program Na Program Sta	art Date:	COMMERCIAL March 2008		JLATION							
Annual Demand and Energy         Savings - 2015 - 2024 DSW Plan (III)         Participants (III)         Total Number of Penetration Number of Penetration Number of Penetration Number of Penetration Number of Customers (III)         Participants (III)         39         Perior Total (III)         Perio	а	b	С	d	е	f	g	h	i			
Per Installation         Program Total           @ Meter         @ Generator         @ Meter         @ Generator           Summer kW Reduction         0.75         0.80         29.25         31.30           Winter kW Reduction         0.01         0.01         0.39         0.42           Annual kWh Reduction         9,935         10,452         387,465.00         407,613.18           Annual Demand and Energy Savings - 2015 - 2024 DSM Plan (1)         Per Installation         @ Meter         @ Generator           Summer kW Reduction         0.26         0.28         0.52         0.56         0.52         0.56         0.02		Number of Customers	Number of Eligible Customers	Cumulative Number of Program Participants	Cumulative Penetration Level % [(d/c)x100]	Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Cumulative Penetration Level % [(g/c)x100]	Participation Over (Under) Projected Participants (g-d)			
Annual kWh Reduction         9,935         10,452         387,465.00         407,613.18           Annual Demand and Energy Savings - 2015 - 2024 DSM Plan (1)         Participants         2           Per Installation (a) Meter (a) Generator	Per Installation         Program Total           @ Meter         @ Generator         @ Meter         @ Generator           Summer kW Reduction         0.75         0.80         29.25         31.30											
Per Installation         Program Total           @ Meter         @ Generator         @ Meter         @ Generator           Summer kW Reduction         0.26         0.28         0.52         0.56           Winter kW Reduction         0.01         0.01         0.02         0.02           Annual kWh Reduction         905         952         1,809.44         1,903.53           Annual Demand and Energy Savings - Combined         Program Total           @ Meter         @ Generator           Summer kW Reduction         29.77         31.85           Winter kW Reduction         0.41         0.44           Annual kWh Reduction         389,274.44         409,516.71           Utility Cost per Installation (\$):         3,582												
Summer kW Reduction         0.26         0.28         0.52         0.56           Winter kW Reduction         0.01         0.01         0.02         0.02           Annual kWh Reduction         905         952         1,809.44         1,903.53           Annual Demand and Energy Savings - Combined         Program Total	Annual Der	mand and Ener	gy Savings - 20			•						
Winter kW Reduction       0.01       0.01       0.02       0.02         Annual kWh Reduction       905       952       1,809.44       1,903.53         Annual Demand and Energy Savings - Combined       Program Total         @ Meter       @ Generator         Summer kW Reduction       29.77       31.85         Winter kW Reduction       0.41       0.44         Annual kWh Reduction       389,274.44       409,516.71         Utility Cost per Installation (\$):       3,582												
Annual kWh Reduction         905         952         1,809.44         1,903.53           Annual Demand and Energy Savings - Combined         Program Total           @ Meter         @ Generator           Summer kW Reduction         29.77         31.85           Winter kW Reduction         0.41         0.44           Annual kWh Reduction         389,274.44         409,516.71           Utility Cost per Installation (\$):         3,582												
@ Meter         @ Generator           Summer kW Reduction         29.77         31.85           Winter kW Reduction         0.41         0.44           Annual kWh Reduction         389,274.44         409,516.71           Utility Cost per Installation (\$):         3,582												
Summer kW Reduction       29.77       31.85         Winter kW Reduction       0.41       0.44         Annual kWh Reduction       389,274.44       409,516.71         Utility Cost per Installation (\$):       3,582	Annual Der											
Winter kW Reduction       0.41       0.44         Annual kWh Reduction       389,274.44       409,516.71         Utility Cost per Installation (\$):       3,582	Summer k\/\	/ Reduction										
Annual kWh Reduction 389,274.44 409,516.71  Utility Cost per Installation (\$): 3,582						-						
						-	_					
Net Benefits of Measures Installed During Reporting Period (\$000): 122.2  Note 1: Savings from measured data												

Demand Side Management Annual Report											
Utility: Program Na Program St Reporting F	art Date:	Tampa Electric COMMERCIAI March 2008 Annual 2015									
а	b	С	d	е	f	g	h	i			
								Actual			
			Projected	Projected	Actual	Actual	Actual	Participation			
		Total	Cumulative	Cumulative	Annual	Cumulative	Cumulative	Over (Under)			
	Total	Number of	Number of	Penetration	Number of	Number of	Penetration	Projected			
	Number of	Eligible	Program	Level %	Program	Program	Level %	Participants			
Year	Customers	Customers	Participants	[(d/c)x100]	Participants	Participants	[(g/c)x100]	(g-d)			
2015	80,277	7,733	5	0.1%	7	7	0.1%	2			
Annual Demand and Energy Savings - 2010 - 2019 DSM Plan (1)  Participants 7  Per Installation Program Total											
			@ Meter	@ Generator	@ Meter	@ Generator					
Summer kV	V Reduction		25.06	26.81	175.42	187.70					
Winter kW	Reduction		18.92	20.24	132.44	141.71					
Annual kWl	h Reduction		58,302	61,333	408,111.97	429,333.79					
Annual Dei	mand and Ener	gy Savings - 20	)15 - 2024 DSM	l Plan <sup>(1)</sup>	Participants	0					
			Per Ins	stallation	Prograi	m Total					
			@ Meter	@ Generator	@ Meter	@ Generator					
Summer kV	V Reduction		0.00	0.00	0.00	0.00					
Winter kW	Reduction		0.00	0.00	0.00	0.00					
Annual kWl	h Reduction		0	0	0.00	0.00					
Annual Dei	mand and Ener	gy Savings - C	ombined		Prograi	m Total					
					@ Meter	@ Generator					
Summer kV	V Reduction				175.42	187.70					
Winter kW	Reduction				132.44	141.71					
Annual kWl	Annual kWh Reduction 408,111.97 429,333.79										
Utility Cost	Utility Cost per Installation (\$): 3,814										
	am Cost of the U				26.7						
	s of Measures Ir		Reporting Period	d (\$000):	68.6						
	ings from meas	•	-	-							

Demand Side Management Annual Report											
Program Sta	Utility: Tampa Elect Program Name: CONSERVA Program Start Date: April 1991 Reporting Period: Annual 2015										
а	b	С	d	е	f	g	h	j A otugi			
Year 2015	Total Number of Customers 80,277	Total Number of Eligible Customers 80,277	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants 4	Actual Cumulative Number of Program Participants 4	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) 2			
Annual Der Summer kW Winter kW f Annual kWh											
Annual Der	nand and Ener	gy Savings - 20			Participants	1					
			@ Meter	@ Generator	@ Meter	m Total @ Generator					
Summer kW	/ Reduction		252.50	270.18	252.50	270.18					
Winter kW F			0.00	0.00	0.00	0.00					
Annual kWh	Reduction		0	0	0.00	0.00					
Annual Der	nand and Ener	gy Savings - Co		m Total							
Summer kW	/ Poduction				@ Meter 1,808.51	@ Generator 1,935.11					
Winter kW F					0.00	0.00					
Annual kWh					1,687,232.01	1,774,968.07					
	per Installation (				97,920						
	otal Program Cost of the Utility (\$000): 391.7										
	of Measures Ir ings from meas	nstalled During R ured data	Reporting Period	d (\$000):	532.0						

Demand Side Management Annual Report											
Utility: Program Na Program St Reporting F	tart Date:	Tampa Electric COMMERCIAI May 2011 Annual 2015	c Company _ COOL ROOF								
а	b	С	d	е	f	g	h	i			
Year 2015	Total Number of Customers 80,277	Total Number of Eligible Customers 80,128	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants 45	Actual Cumulative Number of Program Participants 45	Actual Cumulative Penetration Level % [(g/c)x100] 0.1%	Actual Participation Over (Under) Projected Participants (g-d) 25			
<b>Annual De</b> Summer kV	Annual Demand and Energy Savings - 2010 - 2019 DSM Plan (1)  Per Installation  @ Meter @ Generator  Per Installation  @ Meter @ Generator										
Winter kW			3.93 0.00	4.21 0.00	145.41 0.00	155.59 0.00					
Annual kW	h Reduction		14,640	15,401	541,661.87	569,828.29					
Annual De	mand and Ener	gy Savings - 20	)15 - 2024 DSM	l Plan <sup>(1)</sup>	Participants	8					
				stallation	Progran	n Total					
Winter kW	V Reduction Reduction h Reduction		@ Meter 3.13 0.00 17,929	@ Meter 25.04 0.00 143,435.44	@ Generator 26.79 0.00 150,894.08						
Annual De	mand and Ener	gy Savings - C	ombined		Progran						
© Meter         © Generator           Summer kW Reduction         170.45         182.38           Winter kW Reduction         0.00         0.00           Annual kWh Reduction         685,097.31         720,722.37											
Total Progr Net Benefit	Itility Cost per Installation (\$):  Otal Program Cost of the Utility (\$000):  See, 301.7  1,638  343.7  See Benefits of Measures Installed During Reporting Period (\$000):  See, 301.7  155.3										

Demand Side Management Annual Report										
Utility: Program Na Program St Reporting F	tart Date:	Tampa Electric COMMERCIAL July 2000 Annual 2015	c Company L COOLING - D	X						
а	b	С	d	е	f	g	h	i		
Year 2015	Total Number of Customers 80,277	Total Number of Eligible Customers 80,277	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.1%	Actual Annual Number of Program Participants 234	Actual Cumulative Number of Program Participants 234	Actual Cumulative Penetration Level % [(g/c)x100] 0.3%	Actual Participation Over (Under) Projected Participants (g-d) 134		
Annual Demand and Energy Savings - 2010 - 2019 DSM Plan (1)  Per Installation Program Total  @ Meter @ Generator  Q Meter @ Generator  Summer kW Reduction  0.75 0.80 152.25 162.91										
Winter kW Annual kW	Reduction h Reduction		0.01 9,935	0.01 10,451	2.03 2,016,727.86	2.17 2,121,597.71				
Annual De	mand and Ener	gy Savings - 20		I <b>Plan</b> <sup>(1)</sup>	Participants Progra	31 m Total				
Winter kW	V Reduction Reduction h Reduction		@ Meter 2.38 0.00 4,654	@ Generator 2.55 0.00 4,896	@ Meter 73.78 0.00 144,272.76	@ Generator 78.94 0.00 151,774.94				
Annual De	mand and Ener	gy Savings - C	ombined		Progra	m Total				
© Meter         @ Generator           Summer kW Reduction         226.03         241.85           Winter kW Reduction         2.03         2.17           Annual kWh Reduction         2,161,000.62         2,273,372.65										
Total Progr Net Benefit	Utility Cost per Installation (\$):  Total Program Cost of the Utility (\$000):  Set Benefits of Measures Installed During Reporting Period (\$000):  Solve 1: Savings from measured data									

Demand Side Management Annual Report											
Utility: Program Na Program Sta Reporting P	art Date:	Tampa Electric COMMERCIAI March 2008 Annual 2015	c Company L COOLING - P	TAC							
а	b	С	d	е	f	g	h	i			
Year 2015	Total Number of Customers 80,277	Total Number of Eligible Customers 80,277	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants 0	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) 0			
Annual Demand and Energy Savings - 2010 - 2019 DSM Plan Per Installation Program Total  @ Meter @ Generator @ Meter @ Generator											
Summer kW	/ Reduction		0.26	0.28	0.00	0.00					
Winter kW F	Reduction		0.00	0.00	0.00	0.00					
Annual kWh	Reduction		776	816	0.00	0.00					
Annual Der	nand and Ener	gy Savings - 2	015 - 2024 DSN	l Plan	Participants	0					
		9,		stallation	Prograi						
			@ Meter	@ Generator	@ Meter	@ Generator					
Summer kW	/ Reduction		0.00	0.00	0.00	0.00					
Winter kW F			0.00	0.00	0.00	0.00					
Annual kWh			0	0	0.00	0.00					
Annual Der	nand and Ener	gy Savings - C	ombined		Prograi	m Total					
		3, 1 3			@ Meter	@ Generator					
Summer kW	/ Reduction				0.00	0.00					
Winter kW F					0.00	0.00					
Annual kWh					0.00	0.00					
Litility Coat	oer Installation (	(¢)·			0.00						
	am Cost of the U				0.00						
			Donorting Davie	۹ (۵۵۵۵)۰							
inet benefits	o oi ivieasures ir	nstalled During I	reporting Peno	u (Φ000).	0.00						

			Demand Si	ide Managemen	t Annual Report			
Utility:		Tampa Electri						
Program Na			L DEMAND RE	SPONSE				
Program St		March 2008						
Reporting F	Period:	Annual 2015						
а	b	С	d	е	f	a	h	i
а	D	C	u	C	'	g	"	Actual
			Projected	Projected	Actual	Actual	Actual	Participation
		Total	Cumulative	Cumulative	Annual	Cumulative	Cumulative	Over (Under)
	Total	Number of	Number of	Penetration	Number of	Number of	Penetration	Projected
	Number of	Eligible	Program	Level %	Program	Program	Level %	Participants
Year	Customers	Customers	Participants	[(d/c)x100]	Participants	Participants	[(g/c)x100]	(g-d)
2015	80,277	12,302	1	0.0%	4	4	0.0%	3
Annual De	mand and Ener	rgy Savings - 2		stallation	Participants Program	2 n Total		
			@ Meter	@ Generator	@ Meter	@ Generator		
Summer kV	V Reduction		75.00	80.25	150.00	160.50		
Winter kW	Reduction		75.00	80.25	150.00	160.50		
Annual kWl	h Reduction		5,625	5,918	11,250.00	11,835.00		
Annual De	mand and Fner	rgy Savings - 2	015 - 2024 DSM	I Plan <sup>(1)</sup>	Participants	2		
Aimaai Bei	mana ana Enci	gy cavings 2		stallation	Program			
			@ Meter	@ Generator	@ Meter	@ Generator		
Summer kV	V Reduction		447.50	478.83	895.00	957.65		
Winter kW			447.50	478.83	895.00	957.65		
	h Reduction		33,563	35,308	67,125.00	70,615.50		
Annual De	mand and Ener	ray Savinas			Progra	m Total		
, amadi Dei	and and Enter	gy Carnings			@ Meter	@ Generator	_	
Summer kV	V Reduction				1,045.00	1,118.15	_	
Winter kW					1,045.00	1,118.15		
	h Reduction				78,375.00	82,450.50		
		(0)						
	per Installation (				41,697			
	am Cost of the l				4,002.9			
		nstalled During I	Reporting Period	:(000\$) b	3,812.0			
Note 1: Sav	rings from meas	sured data						
Note 2: Utili	ity costs based ι	upon total progra	am costs and to	tal participation				

			Demand Si	de Managemen	t Annual Report			
Utility: Program Na Program St Reporting F	tart Date:	Tampa Electric COMMERCIA March 2008 Annual 2015	c Company L DUCT REPAI	R				
а	b	С	d	е	f	g	h	i
Year 2015	Total Number of Customers 80,277	Total Number of Eligible Customers 70,369	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.4%	Actual Annual Number of Program Participants 257	Actual Cumulative Number of Program Participants 257	Actual Cumulative Penetration Level % [(g/c)x100] 0.4%	Actual Participation Over (Under) Projected Participants (g-d) 7
Annual De	mand and Ener	gy Savings - 2			Participants	158		
			Por In	stallation		T ( )		
						m Total		
Crimana an Isl	N/ Daduction		@ Meter	@ Generator	@ Meter	@ Generator		
	V Reduction		@ Meter 0.25	@ Generator 0.27	@ Meter 39.50	@ Generator 42.27		
Winter kW			@ Meter	@ Generator	@ Meter	@ Generator		
Winter kW Annual kW	Reduction	gy Savings - 2	@ Meter 0.25 0.00 1,183	@ Generator 0.27 0.00 1,245	@ Meter 39.50 0.00	@ Generator 42.27 0.00		
Winter kW Annual kW	Reduction h Reduction	gy Savings - 2	@ Meter 0.25 0.00 1,183	@ Generator 0.27 0.00 1,245	@ Meter 39.50 0.00 186,944.02  Participants	@ Generator 42.27 0.00 196,665.11		
Winter kW Annual kW <b>Annual De</b>	Reduction h Reduction mand and Ener	gy Savings - 2	@ Meter	@ Generator 0.27 0.00 1,245  I Plan (1) stallation @ Generator	@ Meter	@ Generator		
Winter kW Annual kW <b>Annual De</b> Summer kV	Reduction h Reduction mand and Ener W Reduction	gy Savings - 2	@ Meter	@ Generator	@ Meter	@ Generator		
Winter kW Annual kW <b>Annual De</b> Summer kW Winter kW	Reduction h Reduction mand and Ener V Reduction Reduction	gy Savings - 2	@ Meter	@ Generator	@ Meter	@ Generator		
Winter kW Annual kW <b>Annual De</b> Summer kW Winter kW	Reduction h Reduction mand and Ener W Reduction	gy Savings - 2	@ Meter	@ Generator	@ Meter	@ Generator		
Winter kW Annual kW <b>Annual De</b> Summer kW Winter kW Annual kW	Reduction h Reduction mand and Ener V Reduction Reduction		@ Meter	@ Generator	@ Meter	@ Generator		
Winter kW Annual kW Annual De Summer kV Winter kW Annual kW	Reduction h Reduction mand and Ener V Reduction Reduction h Reduction mand and Ener		@ Meter	@ Generator	@ Meter	@ Generator		
Winter kW Annual kW Annual De Summer kW Winter kW Annual kW Annual De Summer kW	Reduction h Reduction mand and Ener V Reduction Reduction h Reduction mand and Ener V Reduction		@ Meter	@ Generator	@ Meter	@ Generator		
Winter kW Annual kW  Annual De  Summer kW Winter kW Annual kW  Annual De  Summer kW Winter kW	Reduction h Reduction  mand and Ener  V Reduction Reduction h Reduction  mand and Ener  V Reduction Reduction		@ Meter	@ Generator	@ Meter	@ Generator		
Winter kW Annual kW  Annual De  Summer kW Winter kW Annual kW  Annual De  Summer kW	Reduction h Reduction mand and Ener V Reduction Reduction h Reduction mand and Ener V Reduction		@ Meter	@ Generator	@ Meter	@ Generator		
Winter kW Annual kW  Annual De  Summer kW Winter kW Annual kW  Annual De  Summer kW Winter kW Annual kW	Reduction h Reduction  mand and Ener  V Reduction Reduction h Reduction  mand and Ener  V Reduction Reduction Reduction h Reduction	gy Savings - C	@ Meter	@ Generator	@ Meter	@ Generator		
Winter kW Annual De  Summer kW Winter kW Annual kW  Annual De  Summer kW Winter kW Annual kW Utility Cost	Reduction h Reduction  mand and Ener  V Reduction Reduction h Reduction  mand and Ener  V Reduction Reduction h Reduction per Installation (	gy Savings - C	@ Meter	@ Generator	@ Meter	@ Generator		
Winter kW Annual De Summer kW Winter kW Annual De Summer kW Winter kW Annual De Summer kW Winter kW Annual kW Utility Cost Total Progr	Reduction h Reduction  mand and Ener  V Reduction Reduction h Reduction  mand and Ener  V Reduction Reduction Reduction h Reduction	gy Savings - C (\$): Jtility (\$000):	@ Meter	@ Generator	@ Meter	@ Generator		

			Demand Sig	de Management	Annual Report				
Utility: Tampa Electric Company Program Name: COMMERCIAL ELECTRONICALLY COMMUTATED MOTORS Program Start Date: November 2011 Reporting Period: Annual 2015									
а	b	С	d	е	f	g	h	i	
Year 2015	Total Number of Customers 80,277	Total Number of Eligible Customers 80,277	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants 85	Actual Cumulative Number of Program Participants 85	Actual Cumulative Penetration Level % [(g/c)x100] 0.1%	Actual Participation Over (Under) Projected Participants (g-d) 80	
	V Reduction Reduction	gy Savings - 20		I Plan (1) stallation @ Generator 0.04 0.04 261	Participants Progra  @ Meter  1.24 1.24 7,701.02	31 m Total @ Generator 1.33 1.33 8,101.47			
Annual Der	mand and Ener	gy Savings - 20	015 - 2024 DSN	l Plan <sup>(1)</sup>	Participants	54			
		3,		stallation	•	m Total			
Summer kW Winter kW I Annual kWh	Reduction		@ Meter 0.04 0.00 326	@ Generator 0.04 0.00 343	@ Meter 2.16 0.00 17,626.68	@ Generator 2.31 0.00 18,543.27			
Annual Der	mand and Ener	gy Savings - C	ombined		Progra	m Total			
C	V Dadwatian				@ Meter	@ Generator			
	V Reduction				3.40	3.64			
Winter kW I Annual kWh					1.24 25,327.70	1.33 26,644.74			
Total Progra	per Installation ( am Cost of the U s of Measures Ir rings from meas	Utility (\$000): Installed During F	Reporting Period	d (\$000):	181 15.4 85.0				

			Demand	Side Manageme	ent Annual Report			
Utility: Program Na Program St Reporting P	art Date:	Tampa Electric INDUSTRIAL September 19 Annual 2015	LOAD MANAGE					
а	b	С	d	е	f	g	h	i
Year 2015	Total Number of Customers 79,457	Total Number of Eligible Customers 820	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.1%	Actual Annual Number of Program Participants 1	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100] 0.1%	Actual Participation Over (Under) Projected Participants (g-d) 0
<b>Annual Dei</b> Summer kW	mand and Ener  V Reduction	gy Savings - 20		I Plan (1) stallation @ Generator 0.00	Participants Prograr  @ Meter 0.00	0 n Total <u>@ Generator</u> 0.00		
Winter kW			0.00	0.00	0.00	0.00		
Annual kWh			0	0	0.00	0.00		
Annual Dei	mand and Ener	gy Savings - 20	015 - 2024 DSM	l Plan <sup>(1)</sup>	Participants	1		
			Per Ins	stallation	Progran	n Total		
			@ Meter	@ Generator	@ Meter	@ Generator		
	V Reduction		1,956.40	2,093.35	1,956.40	2,093.35		
Winter kW			1,956.40	2,093.35	1,956.40	2,093.35		
Annual kWh	n Reduction		469,536	493,952	469,536.00	493,951.87		
Annual Dei	mand and Ener	gy Savings			Progran	n Total		
					@ Meter	@ Generator		
	V Reduction				1,956.40	2,093.35		
Winter kW	Reduction				1,956.40	2,093.35		
Annual kWh	n Reduction				469,536.00	493,951.87		
Total Progra Net Benefits Note 1: Sav	per Installation ( am Cost of the L s of Measures Ir rings from meas ity costs based u	Utility (\$000): nstalled During I ured data		, ,	386,511 15,073.9 3,558.0			

			Demand	Side Manageme	ent Annual Report					
Utility: Tampa Electric Company Program Name: COMMERCIAL LIGHTING - CONDITIONED SPACE Program Start Date: January 1991 Reporting Period: Annual 2015										
а	b	С	d	е	f	g	h	i		
								Actual		
			Projected	Projected	Actual	Actual	Actual	Participation		
		Total	Cumulative	Cumulative	Annual	Cumulative	Cumulative	Over (Under)		
	Total	Number of	Number of	Penetration	Number of	Number of	Penetration	Projected		
	Number of	Eligible	Program	Level %	Program	Program	Level %	Participants		
Year	Customers	Customers	Participants	[(d/c)x100]	Participants	Participants	[(g/c)x100]	(g-d)		
2015	80,277	80,277	25	0.0%	86	86	0.1%	61		
Annual De	mand and Ener	gy Savings - 2	010 - 2019 DSN	l Plan <sup>(1)</sup>	Participants	75				
			Per In:	stallation	Progra	m Total				
			@ Meter	@ Generator	@ Meter	@ Generator				
Summer kV	N Reduction		12.22	13.08	916.50	980.66				
Winter kW	Reduction		9.52	10.19	714.00	763.98				
Annual kW	h Reduction		41,436	43,590	3,107,676.00	3,269,275.15				
Annual De	mand and Ener	gy Savings - 2	015 - 2024 DSN	l Plan <sup>(1)</sup>	Participants	11				
				stallation	Progra	m Total				
			@ Meter	@ Generator	@ Meter	@ Generator				
Summer kV	N Reduction		4.95	5.30	54.45	58.26				
Winter kW	Reduction		3.84	4.11	42.24	45.20				
Annual kW	h Reduction		23,804	25,042	261,845.32	275,461.28				
Annual De	mand and Ener	gy Savings - C	ombined		Progra	m Total				
					@ Meter	@ Generator				
	N Reduction				970.95	1,038.92				
Winter kW					756.24	809.18				
Annual kW	h Reduction				3,369,521.32	3,544,736.43				
	per Installation (				2,415					
	ram Cost of the l				207.7					
	ts of Measures Ir vings from meas		Reporting Period	d (\$000):	5,098.1					

			Demand S	ide Managemer	nt Annual Report			
Utility: Program Na Program Sta Reporting P	art Date:	Tampa Electric COMMERCIAI March 2008 Annual 2015		INCONDITIONE	ED SPACE			
а	b	С	d	е	f	g	h	i
						· ·		Actual
			Projected	Projected	Actual	Actual	Actual	Participation
		Total	Cumulative	Cumulative	Annual	Cumulative	Cumulative	Over (Under)
	Total	Number of	Number of	Penetration	Number of	Number of	Penetration	Projected
	Number of	Eligible	Program	Level %	Program	Program	Level %	Participants
Year	Customers	Customers	Participants	[(d/c)x100]	Participants	Participants	[(g/c)x100]	(g-d)
2015	80,277	80,277	5	0.0%	16	16	0.0%	11
Annual Den	nand and Ener	gy Savings - 20	010 - 2019 DSN	l Plan <sup>(1)</sup>	Participants	13		
			Per Ins	stallation	Progran	n Total		
			@ Meter	@ Generator	@ Meter	@ Generator		
Summer kW			10.03	10.73	130.39	139.52		
Winter kW F			10.03	10.73	130.39	139.52		
Annual kWh	n Reduction		35,896	37,762	466,642.02	490,907.41		
Annual Den	nand and Ener	gy Savings - 20	)15 - 2024 DSN	l Plan <sup>(1)</sup>	Participants	3		
		3,		stallation	Progran			
			@ Meter	@ Generator	@ Meter	@ Generator		
Summer kW	/ Reduction		17.33	18.54	51.99	55.63		
Winter kW F	Reduction		17.33	18.54	51.99	55.63		
Annual kWh	Reduction		108,086	113,707	324,258.84	341,120.30		
Annual Den	nand and Ener	gy Savings - C	ombined		Progran	n Total		
		<b>_</b>			@ Meter	@ Generator		
Summer kW	/ Reduction				182.38	195.15		
Winter kW F					182.38	195.15		
Annual kWh	Reduction				790,900.86	832,027.70		
Utility Cost r	per Installation (	(\$).			779			
	am Cost of the U				12.5			
		nstalled During F	Reporting Period	d (\$000):	76.8			
Note 1: Sav	ings from meas	ured data	- p- 21	. (+).	. 5.5			

Demand Side Management Annual Report											
Utility: Program Na Program Sta Reporting P	art Date:	Tampa Electric COMMERCIA March 2008 Annual 2015	c Company L OCCUPANCY	SENSORS							
а	b	С	d	е	f	g	h	j			
Year 2015	Total Number of Customers 80,277	Total Number of Eligible Customers 80,277	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) (13)			
Annual Den Summer kW Winter kW F Annual kWh	/ Reduction Reduction	gy Savings - 20	Per Ins @ Meter 14.80 11.59	estallation  @ Generator 15.84 12.40	Participants Progra @ Meter 29.60 23.18 24,124.00	2 am Total @ Generator 31.67 24.80					
			12,062	12,689	•	25,378.45					
Annual Den	nand and Ener	gy Savings - 20		stallation  @ Generator	Participants Progra  @ Meter	0 am Total @ Generator					
Summer kW	/ Reduction		24.84	26.58	0.00	0.00					
Winter kW F			19.49	20.85	0.00	0.00					
Annual kWh	Reduction		27,772	29,216	0.00	0.00					
Annual Den	nand and Ener	gy Savings - C	ombined			am Total					
Summer kW	/ Reduction				@ Meter 29.60	@ Generator 31.67					
Winter kW F					23.18	24.80					
Annual kWh					24,124.00	25,378.45					
Utility Cost p	per Installation (	\$):			6,159						
	am Cost of the $\grave{U}$				12.3						
Net Benefits		nstalled During F	Reporting Period	d (\$000):	8.8						

			Demand Sid	e Management	Annual Report					
Utility: Program Na Program Sta Reporting Po	art Date:	Tampa Electric COMMERCIA January 1988 Annual 2015		GEMENT- EXTE	NDED					
а	b	С	d	е	f	g	h	i		
<u>Year</u> 2015	Total Number of Customers 80,277	Total Number of Eligible Customers 80,277	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) (1)		
Summer kW	Annual Demand and Energy Savings - 2010 - 2019 DSM Plan Per Installation Program Total  @ Meter @ Generator  Summer kW Reduction 92.00 98.44 0.00 0.00									
Winter kW F			60.00	64.20	0.00	0.00				
Annual kWh	Reduction		0	0	0.00	0.00				
Annual Den	nand and Ener	gy Savings - 20	Per Ins	stallation	Participants Prograi					
			@ Meter	@ Generator	@ Meter	@ Generator				
Summer kW			92.00	98.44	0.00	0.00				
Winter kW F			60.00	64.20	0.00	0.00				
Annual kWh	Reduction		0	0	0.00	0.00				
Annual Den	nand and Ener	gy Savings - C	ombined		Program  @ Meter	m Total @ Generator				
Summer kW	/ Reduction				0.00	0.00				
Winter kW F					0.00	0.00				
Annual kWh					0.00	0.00				
, anidai kvvii	1 1 COGGOTION				0.00	0.00				
Utility Cost p	per Installation (	(\$):			0					
	im Cost of the $\dot{U}$				0.0					
		nstalled During I	Reporting Perior	d (\$000):	0.0					
		3	. 5	,						

Demand Side Management Annual Report											
Utility: Program Na Program St Reporting F	art Date:	Tampa Electric COMMERCIA January 1988 Annual 2015	c Company L LOAD MANAG	GEMENT- CYC	LIC						
а	b	С	d	е	f	g	h	i			
Year 2015	Total Number of Customers 80,277	Total Number of Eligible Customers 80,277	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) (1)			
Summer kV Winter kW	mand and Ener  V Reduction  Reduction  h Reduction	gy Savings - 2		I Plan stallation  @ Generator 14.12 0.00 0	Participants Prograt  @ Meter 0.00 0.00 0.00	0 m Total @ Generator 0.00 0.00 0.00					
Annual Dei	mand and Ener	gy Savings - 2	015 - 2024 DSN	l Plan	Participants	0					
			Per Ins	stallation	Progra	m Total					
Winter kW	V Reduction Reduction h Reduction		@ Meter 13.20 0.00 0	@ Generator 14.12 0.00 0	@ Meter 0.00 0.00 0.00	@ Generator 0.00 0.00 0.00					
Annual Dei	mand and Ener	gy Savings - C	ombined			m Total					
Winter kW   Annual kWl Utility Cost Total Progra Net Benefits	V Reduction Reduction h Reduction  per Installation ( am Cost of the U s of Measures In ity costs based of	Utility (\$000): Installed During			@ Meter 0.00 0.00 0.00 1,354 8.1 0.0	@ Generator					

			Demand Side	e Management	Annual Report			
Utility: Program Na Program Sta Reporting P	art Date:	Tampa Electric COMMERCIA March 2008 Annual 2015	c Company L/INDUSTRIAL	REFRIGERATIO	ON (ANTI-CON	DENSATE)		
а	b	С	d	е	f	g	h	i
Year 2015	Total Number of Customers 80,277	Total Number of Eligible Customers 8,028	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants 0	Actual Cumulative Number of Program Participants 0	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) (1)
Annual Der	mand and Ener	gy Savings - 20		Plan stallation @ Generator 0.93	Participants Prograt  @ Meter 0.00	0 m Total <u>@ Generator</u> 0.00		
Winter kW F			0.51	0.95	0.00	0.00		
Annual kWh			8,486	8,927	0.00	0.00		
Annual Der	nand and Ener	gy Savings - 20	)15 - 2024 DSM	Plan	Participants	0		
			Per Ins	stallation	Prograi	m Total		
			@ Meter	@ Generator	@ Meter	@ Generator		
Summer kW	/ Reduction		0.80	0.86	0.00	0.00		
Winter kW I	Reduction		1.32	1.41	0.00	0.00		
Annual kWh	Reduction		12,933	13,606	0.00	0.00		
Annual Der	mand and Ener	gy Savings - C	ombined			m Total		
					@ Meter	@ Generator		
Summer kW	/ Reduction				0.00	0.00		
Winter kW I	Reduction				0.00	0.00		
Annual kWh	Reduction				0.00	0.00		
Total Progra	per Installation ( am Cost of the L s of Measures In	Jtility (\$000):	Reporting Period	ı (\$000):	0 0.1 0.0			

			Demand Si	de Managemen	Annual Report			
Utility: Program Na Program St Reporting P	art Date:	Tampa Electric STANDBY GE January 1991 Annual 2015						
а	b	С	d	е	f	g	h	i
Year 2015	Total Number of Customers 80,277	Total Number of Eligible Customers 2,304	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants 4	Actual Cumulative Number of Program Participants 4	Actual Cumulative Penetration Level % [(g/c)x100] 0.2%	Actual Participation Over (Under) Projected Participants (g-d) 3
Annual Dei	mand and Ener	gy Savings - 20	010 - 2019 DSM	l Plan <sup>(1)</sup>	Participants	3		
				stallation		m Total		
			@ Meter	@ Generator	@ Meter	@ Generator		
	V Reduction		1,048.33	1,121.71	3,144.99	3,365.14		
Winter kW			1,048.33	1,121.71	3,144.99	3,365.14		
Annuai KWI	n Reduction		104,833	110,285	314,499.99	330,853.99		
Annual Dei	mand and Ener	gy Savings - 20	015 - 2024 DSM	l Plan <sup>(1)</sup>	Participants	1		
		g, cagc		stallation		m Total		
			@ Meter	@ Generator	@ Meter	@ Generator		
Summer kV	V Reduction		298.00	318.86	298.00	318.86		
Winter kW			298.00	318.86	298.00	318.86		
	n Reduction		29,800	31,350	29,800.00	31,349.60		
			•	,				
Annual Dei	mand and Ener	gy Savings - 20	)15 - 2024 DSM	l Plan		otal		
					@ Meter	@ Generator		
	V Reduction				3,442.99	3,684.00		
Winter kW	Reduction				3,442.99	3,684.00		
Annual kWh	n Reduction				344,299.99	362,203.59		
Likilik . O	a an Installation	( <b>a</b> ) (2).			20.000			
	per Installation				30,928			
	am Cost of the U		Danautin - Day'	٩ (\$0,00)-	2,938.2			
		nstalled During F	Reporting Period	d (\$000):	10,652.0			
	rings from meas							
Note 2: Utili	ity costs based i	upon total progra	am costs and to	tal participation				

Demand Side Management Annual Report											
Utility: Program Na Program St Reporting F	art Date:	Tampa Electric Co THERMAL ENERO November-2015 Annual 2015									
а	b	С	d	е	f	g	h	i			
<u>Year</u> 2015	Total Number of Customers 80,277	Total Number of Eligible Customers 7,733	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) (1)			
	Annual Demand and Energy Savings - 2010 - 2019 DSM Plan Per Installation Per Installation Per Generator  @ Meter @ Generator Participants O Program Total @ Meter @ Generator										
	V Reduction		0.00	0.00	0.00	0.00					
Winter kW			0.00	0.00	0.00	0.00					
Annual kWl	h Reduction		0	0	0.00	0.00					
Annual De	mand and Ener	gy Savings - 2015	- 2024 DSM Pla	an	Participants	0					
			Per In:	stallation	Prograr						
			@ Meter	@ Generator	@ Meter	@ Generator					
	V Reduction		185.14	198.10	0.00	0.00					
Winter kW			0.00	0.00	0.00	0.00					
Annual kW	h Reduction		19,244	20,245	0.00	0.00					
Annual De	mand and Ener	gy Savings - Comb	oined		Prograr						
					@ Meter	@ Generator					
	V Reduction				0.00	0.00					
Winter kW					0.00	0.00					
Annual kW	h Reduction				0.00	0.00					
	1 4 11 4	(4)			-						
	per Installation				0						
	am Cost of the U				0.0						
Net Benefit	s ot Measures Ir	nstalled During Repo	orting Period (\$6	000):	0.0						

Demand Side Management Annual Report											
Utility: Program Na Program Sta Reporting P	art Date:	Tampa Electri COMMERCIA March 2008 Annual 2015	c Company L WALL INSUL	ATION							
а	b	С	d	е	f	g	h	j			
Year 2015	Total Number of Customers 80,277	Total Number of Eligible Customers 80,277	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants 0	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) (2)			
Annual Demand and Energy Savings - 2010 - 2019 DSM Plan Per Installation Program Total  @ Meter @ Generator  Summer kW Reduction  0.50 0.54 0.00 0.00											
Winter kW I Annual kWh			0.39 682	0.42 717	0.00 0.00	0.00 0.00					
Annuai Kvvi	Reduction		002	/ 1 /	0.00	0.00					
Annual Der	mand and Ener	rgy Savings - 2	015 - 2024 DSN	l Plan	Participants	0					
		0,		stallation	•	m Total					
Summer kW Winter kW I Annual kWh			@ Meter 0.50 0.39 682	@ Generator 0.54 0.42 717	@ Meter 0.00 0.00 0.00	@ Generator 0.00 0.00 0.00					
Annual Demand and Energy Savings - Combined Program Total											
		J, :g-			@ Meter	@ Generator					
Winter kW F	Summer kW Reduction         0.00         0.00           Winter kW Reduction         0.00         0.00           Annual kWh Reduction         0.00         0.00										
Total Progra	Itility Cost per Installation (\$):  Otal Program Cost of the Utility (\$000):  Det Benefits of Measures Installed During Reporting Period (\$000):  Otal Program Cost of the Utility (\$000):  Otal Program Cost of Measures Installed During Reporting Period (\$000):										

Demand Side Management Annual Report											
Utility: Program Na Program Sta Reporting P	art Date:	•									
а	b	С	d	е	f	g	h	j A a too a l			
Year	Total Number of Customers 80,277	Total Number of Eligible Customers 80,277	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants 0	Actual Cumulative Number of Program Participants 0	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) (1)			
Annual Demand and Energy Savings - 2010 - 2019 DSM Plan Per Installation Per Installation Program Total  @ Meter @ Generator Summer kW Reduction 0.43 0.46 0.00 0.00											
Winter kW F			0.43 0.14	0.46 0.15	0.00	0.00 0.00					
Annual kWh			3,072	3,232	0.00	0.00					
Annual Den	nand and Ener	gy Savings - 20	)15 - 2024 DSM	l Plan	Participants	0					
			Per Ins	stallation	Prograi						
			@ Meter	@ Generator	@ Meter	@ Generator					
Summer kW	/ Reduction		0.63	0.68	0.00	0.00					
Winter kW F	Reduction		0.33	0.35	0.00	0.00					
Annual kWh	Reduction		4,735	4,981	0.00	0.00					
Annual Den	nand and Ener	gy Savings - C	ombined			m Total					
l					@ Meter	@ Generator					
Summer kW					0.00	0.00					
Winter kW F					0.00	0.00					
Annual kWh	Reduction				0.00	0.00					
Utility Cost r	per Installation (	(\$):			0						
	am Cost of the U				0.0						
			Reporting Period	1 (\$000):	0.0						
	et Benefits of Measures Installed During Reporting Period (\$000):  0.0										

Demand Side Management Annual Report											
Utility: Program Na Program Sta Reporting P	art Date:	Tampa Electri COMMERCIA March 2008 Annual 2015	c Company L WINDOW FIL	М							
а	b	С	d	е	f	g	h	i			
Year 2015	Total Number of Customers 80,277	Total Number of Eligible Customers 80,277	Projected Cumulative Number of Program Participants 0	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants 18	Actual Cumulative Number of Program Participants 18	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) 18			
Annual Dei	Annual Demand and Energy Savings - 2010 - 2019 DSM Plan (1)  Per Installation  Program Total  Meter  Generator										
Summer kV	V Reduction		13.88	14.85	249.84	267.33					
Winter kW I	Reduction		0.00	0.00	0.00	0.00					
Annual kWh	n Reduction		10,245	10,778	184,408.20	193,997.43					
Annual Der	mand and Ene	rgy Savings - 2	015 - 2024 DSN	l Plan	Participants	0					
			Per Ins	stallation	Progra	m Total					
			@ Meter	@ Generator	@ Meter	@ Generator					
	V Reduction		0.00	0.00	0.00	0.00					
Winter kW I			0.00	0.00	0.00	0.00					
Annual kWh	n Reduction		0	0	0.00	0.00					
Annual Dei	Annual Demand and Energy Savings - Combined Program Total										
					@ Meter	@ Generator					
	V Reduction				249.84	267.33					
Winter kW I					0.00	0.00					
Annual kWh	n Reduction				184,408.20	193,997.43					
Litility Coot	Utility Cost per Installation (\$): 2,212										
					39.8						
	Total Program Cost of the Utility (\$000):  19.8										
			reporting reno	α (ψυσυ).	0.0						
	lote 1: Savings from measured data										

Demand Side Management Annual Report										
Utility: Program Na Program Sta Reporting P	art Date:	Tampa Electri COMMERCIA March 2008 Annual 2015	c Company L/INDUSTRIAL	EFFICIENT MC	OTORS					
а	b	С	d	е	f	g	h	j A atual		
Year 2015	Total Number of Customers 80,277	Total Number of Eligible Customers 12,302	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants 0	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) 0		
Annual Demand and Energy Savings - 2010 - 2019 DSM Plan         Participants         0           Per Installation         Program Total           @ Meter         @ Generator         @ Meter         @ Generator           Summer kW Reduction         0.40         0.43         0.00         0.00           Winter kW Reduction         0.40         0.43         0.00         0.00           Annual kWh Reduction         971         1,021         0.00         0.00										
Annual Der	mand and Ener	ray Savinas - 2	015 - 2024 DSN	l Plan	Participants	0				
Aimaai bei	mana ana Enci	gy ouvings 2	Per Ins	stallation		m Total				
Summer kW Winter kW I Annual kWh	Reduction		@ Meter 0.00 0.00 0	@ Generator 0.00 0.00 0	@ Meter 0.00 0.00 0.00	@ Generator 0.00 0.00 0.00				
Annual Der	mand and Ener	rgy Savings - C		m Total						
Summer kW Reduction         @ Meter         @ Generator           Winter kW Reduction         0.00         0.00           Annual kWh Reduction         0.00         0.00										
Total Progra	Utility Cost per Installation (\$):  Total Program Cost of the Utility (\$000):  Net Benefits of Measures Installed During Reporting Period (\$000):  0.0									

Demand Side Management Annual Report											
Utility: Program Na Program St Reporting F	tart Date:	Tampa Electri COMMERCIA May 2011 Annual 2015	c Company L LIGHTING - E	EXIT SIGNS.							
а	b	С	d	е	f	g	h	i			
Year 2015	Total Number of Customers 80,277	Total Number of Eligible Customers 80,277	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants 2	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) 2			
Annual Demand and Energy Savings - 2010 - 2019 DSM Plan (1)         Participants         2           Per Installation         Program Total           @ Meter         @ Generator         @ Meter         @ Generator           Summer kW Reduction         0.18         0.19         0.36         0.39           Winter kW Reduction         0.14         0.15         0.28         0.30           Annual kWh Reduction         139         146         278.00         292.46											
Annual De	mand and Ene	rgy Savings - 2			Participants	0					
Winter kW	N Reduction Reduction 'h Reduction		@ Meter 0.00 0.00 0	@ Generator 0.00 0.00	@ Meter  0.00 0.00 0.00	m Total  @ Generator  0.00  0.00  0.00					
Annual Demand and Energy Savings - Combined Program Total											
Summer kW Reduction 0.36 0.39 Winter kW Reduction 0.28 0.30 Annual kWh Reduction 278.00 292.46  Utility Cost per Installation (\$): 169.5 Total Program Cost of the Utility (\$000): 0.3 Net Benefits of Measures Installed During Reporting Period (\$000): 0.0 Note 1: Savings from measured data											

Demand Side Management Annual Report										
Utility: Tampa Electric Company Program Name: COMMERCIAL HVAC RE-COMMISSIONING Program Start Date: November 2011 Reporting Period: Annual 2015										
а	b	С	d	е	f	g	h	i		
Year 2015	Total Number of Customers 80,277	Total Number of Eligible Customers 80,277	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants 250	Actual Cumulative Number of Program Participants 250	Actual Cumulative Penetration Level % [(g/c)x100] 0.3%	Actual Participation Over (Under) Projected Participants (g-d) 250		
	Annual Demand and Energy Savings - 2010 - 2019 DSM Plan (1)  Per Installation Program Total  @ Meter @ Generator  Summer kW Reduction 2.09 2.24 522.50 559.08									
	n Reduction		0.00 3,728	0.00 3,922	0.00 932,045.00	0.00 980,511.34				
Annual Dei	mand and Ener	gy Savings - 20		<b>I Plan</b> stallation	Participants Progra	0 m Total				
Winter kW I	V Reduction Reduction n Reduction		@ Meter 0.00 0.00 0	@ Generator 0.00 0.00 0	@ Meter 0.00 0.00 0.00	@ Generator 0.00 0.00 0.00				
Annual Demand and Energy Savings - Combined  Program Total  @ Meter @ Generator										
Summer kW Reduction         522.50         559.08           Winter kW Reduction         0.00         0.00           Annual kWh Reduction         932,045.00         980,511.34										
Utility Cost per Installation (\$):  Total Program Cost of the Utility (\$000):  Note Benefits of Measures Installed During Reporting Period (\$000):  Note 1: Savings from measured data										

			Demand	Side Managem	ent Annual Re	eport			
Utility: Program Na Program St Reporting F	tart Date:	Tampa Electri COMMERCIA May 2011 Annual 2015	c Company L ENERGY REC	COVERY VENT	ILATION				
а	b	С	d	е	f		g	h	i
Year 2015	Total Number of Customers 80,277	Total Number of Eligible Customers 80,277	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number o Program Participant		Actual Cumulative Number of Program Participants 0	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) 0
Annual Demand and Energy Savings - 2010 - 2019 DSM Plan         Participants         0           Per Installation         Program Total           @ Meter         @ Generator         @ Meter         @ Generator           Summer kW Reduction         1.77         1.89         0.00         0.00           Winter kW Reduction         0.59         0.63         0.00         0.00           Annual kWh Reduction         2,830         2,977         0.00         0.00									
Annual De	mand and Fne	ray Savinas - 2			Particinant	ts			
Annual Demand and Energy Savings - 2015 - 2024 DSM Plan         Participants         O           Per Installation         Program Total           @ Meter         @ Generator         @ Meter         @ Generator           Summer kW Reduction         0.00         0.00         0.00         0.00           Winter kW Reduction         0.00         0.00         0.00         0.00           Annual kWh Reduction         0         0         0.00         0.00									
Annual Demand and Energy Savings - Combined Program Total									
Summer kW Reduction         0.00         0.00           Winter kW Reduction         0.00         0.00           Annual kWh Reduction         0.00         0.00									
Total Progr	per Installation am Cost of the Use of Measures In	Jtility (\$000):	Reporting Perio	d (\$000):		0 ).0 ).0			

Demand Side Management Annual Report										
Utility: Program Na Program Sta Reporting P	art Date:	Tampa Electric COMMERCIA May 2011 Annual 2015	c Company L ROOF INSUL	ATION						
а	b	С	d	е	f	g	h	i		
Year 2015	Total Number of Customers 80,277	Total Number of Eligible Customers 80,277	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants 2	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) 2		
Annual Demand and Energy Savings - 2010 - 2019 DSM Plan (1)  Per Installation Program Total										
			@ Meter	@ Generator	@ Meter	@ Generator				
Summer kW	/ Reduction		5.65	6.05	11.30	12.09				
Winter kW F	Reduction		1.96	2.10	3.92	4.19				
Annual kWh	Reduction		5,647	5,941	11,294.00	11,881.29				
Annual Der	nand and Ener	gy Savings - 2	015 - 2024 DSN	l Plan	Participants	0				
		0, 0		stallation		am Total				
			@ Meter	@ Generator	@ Meter	@ Generator				
Summer kW	/ Reduction		0.00	0.00	0.00	0.00				
Winter kW F	Reduction		0.00	0.00	0.00	0.00				
Annual kWh	Reduction		0	0	0.00	0.00				
Annual Der	nand and Ener	gy Savings - C	ombined		Progra	am Total				
	@ Meter									
Summer kW	/ Reduction				11.30	12.09				
Winter kW F	Reduction				3.92	4.19				
Annual kWh	Reduction				11,294.00	11,881.29				
Litility Cost r	oer Installation (	¢).			5,518					
	am Cost of the U				5,518 11.0					
			Reporting Perior	d (\$000)·	0.0					
	let Benefits of Measures Installed During Reporting Period (\$000):  1: Savings from measured data									

Demand Side Management Annual Report											
Utility: Program Na Program Sta Reporting P	art Date:	Tampa Electric RESIDENTIAL April 2011 Annual 2015									
а	b	С	d	е	f	g	h	i			
Year 2015	Total Number of Customers 628,392	Total Number of Eligible Customers 628,392	Projected Cumulative Number of Program Participants 60	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants 53	Actual Cumulative Number of Program Participants 53	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) (7)			
Annual Demand and Energy Savings - 2010 - 2019 DSM Plan (1)         Participants         53           Per Installation         Program Total           @ Meter         @ Generator         @ Meter         @ Generator           Summer kW Reduction         5.31         5.70         281.43         301.97           Winter kW Reduction         0.00         0.00         0.00         0.00           Annual kWh Reduction         14,948         15,785         792,244.00         836,609.66											
	mand and Ener	av Savinas - 20	,	•	Participants	0					
Alliluai Dei	nanu anu Ener	gy Savings - 2		stallation	•	m Total					
@ Meter         @ Generator         @ Meter         @ Generator           Summer kW Reduction         0.00         0.00         0.00         0.00           Winter kW Reduction         0.00         0.00         0.00         0.00           Annual kWh Reduction         0         0         0.00         0.00											
Annual Demand and Energy Savings Program Total											
Summer kW Reduction         @ Meter         @ Generator           Winter kW Reduction         281.43         301.97           Winter kW Reduction         0.00         0.00           Annual kWh Reduction         792,244.00         836,609.66											
Total Progra	Utility Cost per Installation (\$):  Total Program Cost of the Utility (\$000):  Net Benefits of Measures Installed During Reporting Period (\$000):  Note 1: Savings from measured data based upon size of PV installations installed.										

Projected Projected Actual Actual Actual Participa Total Cumulative Cumulative Annual Cumulative Cumulative Over (Ur Total Number of Number of Penetration Number of Number of Penetration Project Number of Eligible Program Level % Program Program Level % Participa				Demand Sid	e Management	Annual Report					
Actual	Program N Program S	tart Date:	RENEWABLE April 2011	NEWABLE - SOLAR WATER HEATING ii 2011							
Projected Cumulative Number of Number of Number of Projected Cumulative Number of Program Program Program Program Program Participants (g/c/x100)   Program Participants (g/c/x100)   Program Participants (g/c/x100)   Program Program Program Program Program Participants (g/c/x100)   Program Total (g/c/x100)   Program Tota	а	b	С	d	е	f	g	h	i		
Per   Installation   Program Total		Number of Customers	Number of Eligible Customers	Cumulative Number of Program Participants	Cumulative Penetration Level % [(d/c)x100]	Annual Number of Program Participants	Cumulative Number of Program Participants	Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d) 39		
Per   Installation   Program Total											
Summer kW Reduction         @ Meter         @ Generator           Winter kW Reduction         0.30         0.32         8.10         8.69           Winter kW Reduction         0.61         0.65         16.47         17.67           Annual kWh Reduction         2,376         2,509         64,152.00         67,744.51           Annual Demand and Energy Savings - 2015 - 2024 DSM Plan         Participants         27           Per Installation         Program Total           @ Meter         @ Generator           Summer kW Reduction         0.30         0.32         8.10         8.69           Winter kW Reduction         0.61         0.65         16.47         17.67           Annual kWh Reduction         2,376         2,509         64,152.00         67,744.51           Annual Demand and Energy Savings - Combined         Program Total           @ Meter         @ Generator           Summer kW Reduction         16.20         17.38           Winter kW Reduction         32.94         35.34           Annual kWh Reduction         128,304.00         135,489.02           Utility Cost per Installation (\$):         1,203           Total Program Cost of the Utility (\$000):         65.0 <td>Annual De</td> <td>emand and Ener</td> <td>gy Savings - 2</td> <td>010 - 2019 DSN</td> <td>/I Plan</td> <td>Participants</td> <td>27</td> <td></td> <td></td>	Annual De	emand and Ener	gy Savings - 2	010 - 2019 DSN	/I Plan	Participants	27				
Summer kW Reduction         0.30         0.32         8.10         8.69           Winter kW Reduction         0.61         0.65         16.47         17.67           Annual kWh Reduction         2,376         2,509         64,152.00         67,744.51           Annual Demand and Energy Savings - 2015 - 2024 DSM Plan					stallation	Prograi	m Total				
Winter kW Reduction       0.61 2,376       0.65 2,509       16.47 64,152.00       17.67 67,744.51         Annual Demand and Energy Savings - 2015 - 2024 DSM Plan       Participants 27         Per Installation       Program Total         @ Meter       @ Generator       @ Meter       @ Generator         Summer kW Reduction       0.30 0.32 8.10 8.69       8.69         Winter kW Reduction       0.65 16.47 17.67         Annual kWh Reduction       2,376 2,509 64,152.00 67,744.51         Annual Demand and Energy Savings - Combined       Program Total         © Meter       @ Generator         Summer kW Reduction       16.20 17.38         Winter kW Reduction       32.94 35.34         Annual kWh Reduction       128,304.00 135,489.02         Utility Cost per Installation (\$):       1,203         Total Program Cost of the Utility (\$000):       65.0											
Annual kWh Reduction  2,376  2,509  64,152.00  67,744.51  Annual Demand and Energy Savings - 2015 - 2024 DSM Plan  Per Installation  (a) Meter (b) Generator (c) Meter (c) Generator (c) Generator (c) Meter (c) Generator (											
Annual Demand and Energy Savings - 2015 - 2024 DSM Plan    Per Installation   Program Total						-					
Per Installation	Annual kW	h Reduction		2,376	2,509	64,152.00	67,744.51				
Per Installation	Annual Do	mand and Engl	ray Savinas - 2	015 - 2024 DSM	/ Dlan	Participante	27				
@ Meter         @ Generator         @ Meter         @ Generator           Summer kW Reduction         0.30         0.32         8.10         8.69           Winter kW Reduction         0.61         0.65         16.47         17.67           Annual kWh Reduction         2,376         2,509         64,152.00         67,744.51           Annual Demand and Energy Savings - Combined         Program Total           @ Meter         @ Generator           Summer kW Reduction         16.20         17.38           Winter kW Reduction         32.94         35.34           Annual kWh Reduction         128,304.00         135,489.02           Utility Cost per Installation (\$):         1,203           Total Program Cost of the Utility (\$000):         65.0	Allilual De	ilialiu aliu Lilei	gy Savings - 2			•					
Summer kW Reduction       0.30       0.32       8.10       8.69         Winter kW Reduction       0.61       0.65       16.47       17.67         Annual kWh Reduction       2,376       2,509       64,152.00       67,744.51         Annual Demand and Energy Savings - Combined       Program Total         @ Meter       @ Generator         Summer kW Reduction       16.20       17.38         Winter kW Reduction       32.94       35.34         Annual kWh Reduction       128,304.00       135,489.02         Utility Cost per Installation (\$):       1,203         Total Program Cost of the Utility (\$000):       65.0											
Winter kW Reduction       0.61       0.65       16.47       17.67         Annual kWh Reduction       2,376       2,509       64,152.00       67,744.51             Annual Demand and Energy Savings - Combined       Program Total         @ Meter       @ Generator         Summer kW Reduction       16.20       17.38         Winter kW Reduction       32.94       35.34         Annual kWh Reduction       128,304.00       135,489.02         Utility Cost per Installation (\$):       1,203         Total Program Cost of the Utility (\$000):       65.0	Summer k\	W Reduction									
Annual kWh Reduction 2,376 2,509 64,152.00 67,744.51  Annual Demand and Energy Savings - Combined Program Total  @ Meter @ Generator  Summer kW Reduction 16.20 17.38  Winter kW Reduction 32.94 35.34  Annual kWh Reduction 128,304.00 135,489.02  Utility Cost per Installation (\$): 1,203  Total Program Cost of the Utility (\$000): 65.0											
@ Meter       @ Generator         Summer kW Reduction       16.20       17.38         Winter kW Reduction       32.94       35.34         Annual kWh Reduction       128,304.00       135,489.02         Utility Cost per Installation (\$):       1,203         Total Program Cost of the Utility (\$000):       65.0						-					
@ Meter       @ Generator         Summer kW Reduction       16.20       17.38         Winter kW Reduction       32.94       35.34         Annual kWh Reduction       128,304.00       135,489.02         Utility Cost per Installation (\$):       1,203         Total Program Cost of the Utility (\$000):       65.0											
@ Meter       @ Generator         Summer kW Reduction       16.20       17.38         Winter kW Reduction       32.94       35.34         Annual kWh Reduction       128,304.00       135,489.02         Utility Cost per Installation (\$):       1,203         Total Program Cost of the Utility (\$000):       65.0	Annual De	emand and Ene	gy Savings - C	ombined		Prograi	m Total				
Summer kW Reduction       16.20       17.38         Winter kW Reduction       32.94       35.34         Annual kWh Reduction       128,304.00       135,489.02         Utility Cost per Installation (\$):       1,203         Total Program Cost of the Utility (\$000):       65.0			0,								
Winter kW Reduction       32.94       35.34         Annual kWh Reduction       128,304.00       135,489.02         Utility Cost per Installation (\$):       1,203         Total Program Cost of the Utility (\$000):       65.0	Summer k\	W Reduction				16.20					
Utility Cost per Installation (\$): 1,203 Total Program Cost of the Utility (\$000): 65.0						32.94	35.34				
Total Program Cost of the Utility (\$000): 65.0	Annual kW	h Reduction				128,304.00	135,489.02				
Total Program Cost of the Utility (\$000): 65.0	Litility Cost	ner Installation	<b>(\$)</b> -			1 203					
						•					
The Deficite of Medicales Installed Duffing Neporting Fellow (4000).											
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Demand Side Management Annual Report										
Utility: Program Name: Program Start Date: Reporting Period:	Tampa Electric RENEWABLE April 2011 Annual 2015		E WATER HEA	TING						
a b	С	d	е	f	g	h	i Actual			
Total Number of Year Customers 2015 628,392	Total Number of Eligible Customers 125,678	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % _[(d/c)x100] 0.0%	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % _[(g/c)x100] 0.0%	Participation Over (Under) Projected Participants (g-d) (5)			
Annual Demand and Energy Savings - 2010 - 2019 DSM Plan Participants  O Per Installation Program Total  @ Meter @ Generator @ Meter @ Generator										
Summer kW Reduction		0.30	0.32	0.00	0.00					
Winter kW Reduction		0.61	0.65	0.00	0.00					
Annual kWh Reduction		2,376	2,509	0	0					
Annual Demand and Ener	gy Savings - 20	015 - 2024 DSN	l Plan	Participants	0					
		Per Ins	stallation	Prograr	m Total					
		@ Meter	@ Generator	@ Meter	@ Generator					
Summer kW Reduction		0.30	0.32	0.00	0.00					
Winter kW Reduction		0.61	0.65	0.00	0.00					
Annual kWh Reduction 2,376 2,509 0 0										
Annual Demand and Energy Savings - Combined Program Total										
				@ Meter	@ Generator					
Summer kW Reduction				0.00	0.00					
Winter kW Reduction				0.00	0.00					
Annual kWh Reduction				0	0					
Utility Cost per Installation (\$):  Total Program Cost of the Utility (\$000):  Net Benefits of Measures Installed During Reporting Period (\$000):  0.0										

			Demand Sid	e Management	Annual Report			
Utility: Program Na Program St Reporting F	art Date:	Tampa Electri Commercial P April 2011 Annual 2015						
а	b	С	d	е	f	g	h	i
Year	Total Number of Customers 80,277	Total Number of Eligible Customers 80,277	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.0%	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100] 0.0%	Actual Participation Over (Under) Projected Participants (g-d) (4)
Annual Demand and Energy Savings - 2 Summer kW Reduction			Per In:  @ Meter 5.60	estallation  @ Generator 5.99	@ Meter 5.60	1 m Total <u>@ Generator</u> 5.99		
Winter kW Annual kW	h Reduction		0.00 15,768	0.00 16,588	0.00 15,768.00	0.00 16,587.94		
Annual Demand and Energy Savings - 2			Per In:	stallation		0 m Total		
Summer kV	V Reduction		@ Meter 0.00	@ Generator 0.00	@ Meter 0.00	@ Generator 0.00		
Winter kW			0.00	0.00	0.00	0.00		
	h Reduction		0.00	0.00	0.00	0.00		
Annual De	mand and Ener	rgy Savings			Progra	m Total		
					@ Meter	@ Generator		
	V Reduction				5.60	5.99		
Winter kW					0.00	0.00		
Annual kW	h Reduction				15,768.00	16,587.94		
Utility Cost	per Installation	(\$):			21,037			
	am Cost of the U				21.0			
	s of Measures In		Reportina Perio	d (\$000):	0.0			
	ings from meas							
	-		•					

			Demand Si	de Managemen	Annual Report			
Utility: Program Na Program Sta Reporting P	art Date:	Tampa Electric RENEWABLE April 2011 Annual 2015	c Company - PV FOR SCH	IOOLS				
а	b	С	d	е	f	g	h	i
Year 2015	Total Number of Customers 79,457	Total Number of Eligible Customers 301	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100] 0.3%	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100] 0.3%	Actual Participation Over (Under) Projected Participants (g-d) 0
Annual Demand and Energy Savings - Summer kW Reduction		gy Savings - 20	Per Ins @ Meter 5.60	@ Generator 5.99	@ Meter 0.00	0 m Total @ Generator 0.00		
Winter kW I Annual kWh			0.00 15,768	0.00 16,588	0.00 0.00	0.00 0.00		
Annual Der	nand and Ener	gy Savings - 20	)15 - 2024 DSN	l Plan <sup>(1)</sup>	Participants	1		
		3,		stallation	•	m Total		
			@ Meter	@ Generator	@ Meter	@ Generator		
Summer kW	/ Reduction		5.60	5.99	5.60	5.99		
Winter kW I	Reduction		0.00	0.00	0.00	0.00		
Annual kWh	Reduction		15,768	16,588	15,768.00	16,587.94		
Annual Der	mand and Ener	gy Savings				m Total		
					@ Meter	@ Generator		
Summer kW					5.60	5.99		
Winter kW I					0.00	0.00		
Annual kWh	n Reduction				15,768.00	16,587.94		
Litility Cost	per Installation (	(\$).			130,142			
	am Cost of the U				130,142			
		nstalled During F	Reporting Perior	d (\$000):	0.0			
		ured data based						

# TAMPA ELECTRIC COMPANY UNDOCKETED DSM ACCOMPLISHMENTS FILED: MARCH 1, 2016

#### Comparison of Annual Achieved kW and kWh Reductions with Public Service Commission Established Goals Savings at the Generator

			1	Resid		1. 2			
	Wint	ter Peak MW Red	duction	Summer Peak MW Reduction			GWH Energy Reduction		
	Total	Commission	0/	Commission Total Approved %		Commission Total Approved		0/	
Voor	Achieved	Approved Goal	% Variance	Achieved	Approved Goal	% Variance	Achieved	Goal	% Variand
Year 2015	12.3	2.6	473.1%	10.8	1.1	981.8%	21.2	1.8	1177.8
2015	12.3	2.0	4/3.170	10.0	1.1	901.070	21.2	1.0	11/7.0
2017 2018									
2016 2019									
2020 2021									
2021									
2023 2024									
2024									
				Commercia					
	Wint	ter Peak MW Red	duction	Summer Peak MW Reduction			GWH Energy Reduction		
		Commission	0.4		Commission			Commission	
	Total	Approved	%	Total	Approved	%	Total	Approved	%
⁄ear	Achieved	Goal	Variance	Achieved	Goal	Variance	Achieved	Goal	Varian
2015	8.1	1.2	675.0%	11.7	1.7	688.2%	12.5	3.9	320.5
2016									
2017									
2018									
2019									
2020									
2021									
2022									
2023									
2024									
				Coml					
	Wint	ter Peak MW Red	duction	Sumr	ner Peak MW Re	duction	GWH Energy Reduction		
	Total	Commission	0/	Total	Commission	0/	Total	Commission	0/
	Total	Approved Goal	%	Total	Approved	%	Total	Approved	% \/arian
/	ام میں مان ماں ۸		Variance	Achieved	Goal	Variance 803.6%	Achieved 33.7	Goal 5.7	Varian
	Achieved 20.4			22.5			/	D /	291.2
2015	Achieved 20.4	3.8	536.8%	22.5	2.0	003.070	00.7	0.1	
Year 2015 2016				22.5	2.0	003.070	00.1	0.7	
2015 2016 2017				22.5	2.0	003.070	00.1	0.1	
2015 2016 2017 2018				22.5	2.0	000.070	00.1	<b>U.</b> .	
2015 2016 2017 2018 2019				22.5	2.0	000.078	00.1	<b>U</b> .1	
2015 2016 2017 2018 2019 2020				22.5	2.0	000.076	00.1	G.I	
2015 2016 2017 2018 2019 2020				22.5	2.0	000.076	GG.1	<b>3</b>	
2015 2016 2017 2018 2019 2020				22.5	2.0	000.078	GG.1	G.,	

#### Comparison of Cumulative Achieved kW and kWh Reductions with Public Service Commission Established Goals Savings at the Generator

Utility: TAMPA ELECTRIC COMPANY

					dential					
	Win	ter Peak MW Red	duction	Sumi	Summer Peak MW Reduction			GWh Energy Reduction		
Year	Total Achieved	Commission Approved Goal	% Variance	Total Achieved	Commission Approved Goal	% Variance	Total Achieved	Commission Approved Goal	% Variance	
2015	12.3	2.6	473.1%	10.8	1.1	981.8%	21.2	1.8	1177.8%	
2016										
2017										
2018										
2019										
2020										
2021 2022										
2022										
2023										
2024										
					al/Industrial					
	Win	ter Peak MW Red	duction	Summer Peak MW Reduction			GWh Energy Reduction			
	T-4-1	Commission	0/	Tatal	Commission	0/	T-4-1	Commission	0/	
Year	Total	Approved Goal	% Variance	Total	Approved Goal	% Variance	Total Achieved	Approved Goal	% Variance	
2015	Achieved 8.1	1.2	675.0%	Achieved 11.7	1.7	688.2%	12.5	3.9	320.5%	
2016	0.1	1.2	073.070	11.7	1.7	000.270	12.5	5.5	320.370	
2017										
2018										
2019										
2020										
2021										
2022										
2023										
2024										
				Com	bined					
	Win	ter Peak MW Red	duction		mer Peak MW Re	duction	GWh Energy Reduction			
		Commission			Commission			Commission		
	Total	Approved	%	Total	Approved	%	Total	Approved	%	
Year	Achieved	Goal	Variance	Achieved	Goal	Variance	Achieved	Goal	Variance	
2015	20.4	3.8	536.8%	22.5	2.8	803.6%	33.7	5.7	591.2%	
2016										
2017 2018										
2018										
2019										
2021										
2022										
2023										
2024										

## TAMPA ELECTRIC COMPANY-SUMMARY OF 2015 DEMAND SIDE MANAGEMENT PROGRAM ACCOMPLISHMENTS

#### Appendix A

Renewable Energy Systems Initiative 2011-2015

In 2009, the FPSC directed Tampa Electric and the other investor-owned utilities to spend 10 percent of their historic energy conservation cost recovery expenditures as an annual cap for a pilot program consisting of solar water heating ("SWH") and solar photovoltaic ("PV") programs. Pursuant to Order No. PSC-09-0855-FOF-GU, Tampa Electric initiated the company's five-year pilot program as the Renewable Energy Systems Initiative in April 2011. Tampa Electric successfully retired the Renewable Energy Systems Initiative pilot program on December 31, 2015. Below are the summaries for Renewable Energy Systems Initiative for 2015, the cumulative report covering the life of the program and other lessons learned while conducting the pilot program.

#### Renewable Energy Systems Initiative Program Activity in 2015

Name of Program	Program Implementation Date	Number of Installs (#)	For PV installed kW-DC	Total Rebate Amount Paid to Customers (\$)	Total Rebate & Program Expenditures (\$)	
Residential PV	April 2011	53	516.66	\$1,024,860	\$1,080,868	
Commercial PV	April 2011	1	10.40	\$1,024,000		
School PV (1)	April 2011	1	10	\$123,995	\$130,142	
Residential SWH	April 2011	54	n/a	\$46,000	\$64,971	
Low Income SWH	April 2011	0	n/a	\$0	\$0	
			Total	\$1,194,855	\$1,275,981	

Note 1: The School PV program partnered with the Florida Solar Energy Center and provided capital funding in lieu of a rebate for the installation of a 10 kW PV system on emergency shelter schools within Tampa Electric's service area.

# Renewable Energy Systems Initiative Program Cumulative Participation and Program Costs 2011-2015

Name of Program	Program Implementation Date	Number of Installs (#)	For PV installed kW-DC	Total Rebate Amount Paid to Customers (\$)	Total Rebate & Program Expenditures (\$)	
Residential PV	April 2011	280	2,392.43	\$5,159,558	\$5,479,543	
Commercial PV	April 2011	26	305.25	ψ3, 13 <del>3</del> ,336		
School PV <sup>(1)</sup>	April 2011	5	50	\$633,085	\$662,916	
Residential SWH	April 2011	228	n/a	\$220,000	\$321,892	
Low Income SWH	April 2011	14	n/a	\$59,010	\$60,204	
		Cumula	tive Total	\$6,071,653	\$6,524,555	
		A	verage Ann	ual Spend	\$1,304,911	
		Annı	ual Spendin Commissio	ng Cap as per on Order	\$1,531,018	

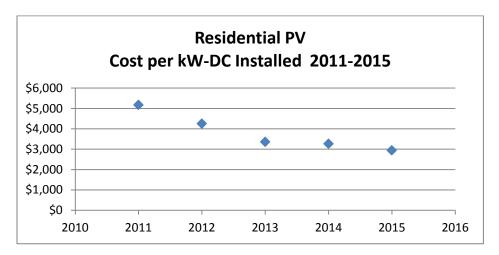
Note 1: The School PV program partnered with the Florida Solar Energy Center and provided capital funding in lieu of a rebate for the installation of a 10 kW PV system on emergency shelter schools within Tampa Electric's service area.

	Cumulative Five Year Summer/Winter kW and Annual Energy (kWh) Savings Pilot Program - Renewable Energy Systems Initiative (Savings at Generator)							
	Residential PV	Commercial PV	School PV	Residential SWH	Low- Income SWH	Total All Pilot Programs		
SkW	1,394.09	170.95	29.89	73.24	4.50	1,672.67		
WkW	0.00	0.00	0.00	148.92	9.13	158.05		
AE	3,876,739	462,791	83,130	572,740	35,193	5,030,593		

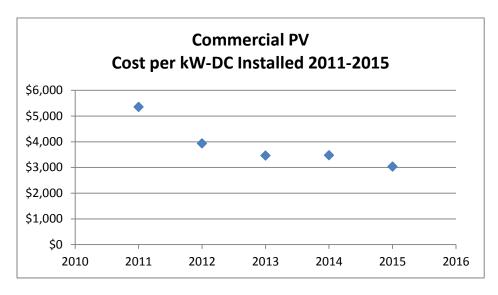
#### Renewable Energy Systems Initiative Program

#### **Residential and Commercial PV systems**

Over the five years of the program Tampa Electric observed a similar decline in the total upfront cost per kW-DC in both the residential and commercial segments of the program as shown by the following charts.



For the residential segment, this price decrease in overall upfront cost per kW-DC equates to an overall decrease in 2015, as compared to 2011, of 43.1 percent.



For the commercial segment, this price decrease in overall upfront cost per kW-DC equates to an overall decrease in 2015, as compared to 2011, of 43.4 percent.

Tampa Electric observed that larger systems have a lower installed cost per kW-DC arising from customers taking advantage of economies of scale. The largest PV system installed during the pilot program was a 30.855 kW-DC array. This system had the lowest overall cost per kW-DC installed (before the rebate or any tax credits) of \$2,372.42 per kW-DC. This installation occurred in 2013 and the price difference was 31.4 percent lower than the current annual average installed cost of \$3,458 per kW-DC. Tampa Electric presents the following statistical data on the residential and commercial portions of the program:

#### **Residential PV:**

Residential PV Statistics					
Cost of System	(\$)				
Mean	\$31,446				
Median	\$29,196				
Mode	\$26,000				
Standard Deviation	\$10,778				
Minimum	\$2,414				
Maximum	\$66,900				
Cost/kW-DC					
Mean	\$3,876				
Median	\$3,450				
Mode	\$2,564				
Standard Deviation	\$1,432				
Minimum	\$1,800				
Maximum	\$10,627				
Actual Total kW size -Installed (kW -DC					
Mean	8.544				
Median	9.933				
Mode	10.000				
Standard Deviation	2.493				
Minimum	1.020				
Maximum	16.900				
Amount Rebate App	roved (\$)				
Mean	\$16,537				
Median	\$19,770				
Mode	\$20,000				
Standard Deviation	\$4,542				
Minimum	\$2,000				
Maximum	\$20,000				

#### **Commercial PV:**

Commercial P\	Commercial PV Statistics				
Cost of Syste	em (\$)				
Mean	\$47,436				
Median	\$43,953				
Mode	\$43,953				
Standard Deviation	\$17,955				
Minimum	\$17,900				
Maximum	\$82,537				
Cost/kW-DC					
Mean	4,242				
Median	4,081				
Mode	4,467				
Standard Deviation	1,375				
Minimum	2,372				
Maximum	7,952				
Actual Total kW size -II	nstalled (kW -DC)				
Mean	11.740				
Median	10.100				
Mode	10.000				
Standard Deviation	5.285				
Minimum	5.060				
Maximum	30.855				
Amount Rebate A	pproved (\$)				
Mean	\$18,828				
Median	\$20,000				
Mode	\$20,000				
Standard Deviation	\$3,031				
Minimum	\$10,000				
Maximum	\$20,000				

#### Issues Identified:

Tampa Electric encountered similar issues to that of the Department of Energy, the National Renewable Energy Laboratories and the Florida Solar Energy Center during the pilot program with not all customers having a suitable or optimal location for the installation of a PV system on their premise. This issue can occur due in following situations:

- 1. Excessive shading due to trees.
- 2. Excessive shading due to adjacent homes, buildings or structures.

- 3. Orientation of the home does not support the installation to maximize energy generation.
- 4. Location only supports a fixed panel with very limited tilt and axis optimization

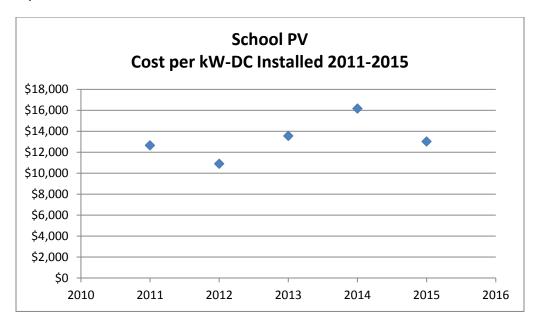
During the pilot program, Tampa Electric followed recommendations from the Florida Solar Energy Center for determining which premises would be eligible for rebates by requiring the proposed location of the installed panels to have zero shading during the hours of 9am and 3pm. This requirement ensured that the PV array installation would have the maximum potential for energy production during the day and would bring the most energy savings to that individual customer.

Another issue Tampa Electric encountered was renter limitations on what can be permanently installed at the premises.

These issues resulted in approximately one of every four customers having a location that is optimal for the installation of a PV array for energy generation.

#### **School PV systems**

Tampa Electric provided capital funding for the installation of PV on emergency shelter schools and also provided energy education for teachers and students to evaluate and understand the performance and benefits of PV. Tampa Electric partnered with the Florida Solar Energy Center's E-Shelter program to enhance the effectiveness and deployment of resources of this program. Over the five year program, five schools within Tampa Electric's service area each had a 10 kW-DC PV system installed. These five systems had an average cost of \$132,583. Below is the cost per kW-DC over the life of the pilot.



#### Residential and Low-Income SWH:

Tampa Electric provided for the installation of SWH systems in low-income residential homes through partnerships with local non-profit building organization and also provided a rebate program to encourage the installation of a SWH system. The low-income portion of the program installed 14 SWH systems over the five year pilot period. The rebate portion of the program encouraged the installation of an additional 228 SWH systems. Tampa Electric presents the following statistical data on the residential SWH portion of the program:

Residential SWH				
No. Occupants in Hor	ne (#)			
Mean	3.1			
Median	3.0			
Mode	2.0			
Standard Deviation	1.5			
Minimum	1.0			
Maximum	10.0			
Sum	704.0			
Cost of System (\$	ś)			
Mean	\$6,002			
Median	\$5,000			
Mode	\$4,995			
Standard Deviation	\$2,470			
Minimum	\$2,400			
Maximum	\$18,000			

#### **Administration Costs of the Program**

Tampa Electric administered the Renewable Energy Systems Initiative Pilot Program over the five-year period with an administration cost of \$407,912. This represented only 6.25 percent of the total costs. The total rebate dollars given to customers to encourage their participation in the program was \$6,116,633.

### TAMPA ELECTRIC COMPANY-SUMMARY OF 2015 DEMAND SIDE MANAGEMENT PROGRAM ACCOMPLISHMENTS

#### Appendix B

DSM Energy Education and Awareness Activities of 2015

Tampa Electric Company participated in over 60 designated energy education and awareness events across the company's service area in 2015. These events do not include the daily interactions of energy education that Tampa Electric Team Members have with customers through email or phone calls, one-on-one discussions nor with customers that are participating in one of Tampa Electric's Commission approved DSM programs. These events cover educating all ages, income classes and rate classes of customers on energy education and awareness. Several highlighted events include:

- University of South Florida Engineering Expo
- Museum of Science and Industry Lifestyles
- Temple Terrace Sustainability Fair
- Junior Achievement
- Youth Environmental Education Conference
- Energy Education Senior Talks Preview
- Energy Education Ruskin Center
- Eco Fest
- Tampa General Hospital Earth Day
- Hillsborough Community College Earth Day
- Hillsborough County Sheriff Riverview Community Fair
- Tampa Police Department Light Up the Night
- Lifestyles after 50
- Arbor Day Fair
- Rebuild Together Tampa Bay
- Great American Teach In
- Association Participation Tampa Bay Builders & Refrigeration and Air Conditioning Contractors
- Building a Healthier Sulphur Springs Project
- Sun City Center Business Expo
- World Energy Engineering Congress
- Florida Buildings Engineering and Facility Maintenance Show
- Fish Hawk Phoebe Park Revitalization Day
- Clean Air Fair