Parsley Coffin Renner LLP
P O Box 13366 Austin, TX 78711

Taxpayer I.D. # 27-0934461

Invoice Description: 2013 CEHE EEPR and EECRF

Invoice #:	3419	**Matter #:**	2012 9295
Invoice Date:	09/20/2013	**Matter Desc:**	2013 EEPR & EECRF - CAP
Invoice Total:	$16,349.30	**Main Assignee:**	Ryan, Jason

Invoice Detail

Fees

Performed By	Date	Hours	Rate	Total	Description
Johnson, Evan	08/01/2013	0.30	$250.00	$75.00	Draft/Revise letter to ALJ re settlement
Santos, Mark	08/01/2013	1.30	$335.00	$435.50	Draft/Revise settlement agreement
Santos, Mark	08/01/2013	2.10	$335.00	$703.50	Review/Analyze City of Houston settlement proposal
Santos, Mark	08/02/2013	0.50	$335.00	$167.50	Communicate w/other external parties re abatement extension
Santos, Mark	08/02/2013	0.30	$335.00	$100.50	Draft/Revise letter extending abatement
Santos, Mark	08/02/2013	3.10	$335.00	$1,038.50	Review/Analyze City of Houston and Staff settlement positions
Santos, Mark	08/02/2013	2.20	$335.00	$737.00	Review/Analyze updated settlement draft and calculations
Santos, Mark	08/06/2013	0.20	$335.00	$67.00	Communicate with client J. Ryan and A. Machtemes re City of Houston position
Santos, Mark	08/06/2013	0.20	$335.00	$67.00	Communicate w/other external B. Foley, Staff, re settlement
Santos, Mark	08/06/2013	0.80	$335.00	$268.00	Draft/Revise settlement agreement consistent with City of Houston and Staff discussions
Santos, Mark	08/06/2013	1.20	$335.00	$402.00	Review/Analyze City of Houston position
Santos, Mark	08/07/2013	1.40	$335.00	$469.00	Review/Analyze City of Houston settlement issue
Santos, Mark	08/08/2013	0.50	$335.00	$167.50	Communicate with client A. Machtemes, et al. re phone call with Staff
Santos, Mark	08/08/2013	0.20	$335.00	$67.00	Communicate w/other external B. Foley re settlement

Fees

Performed By	Date	Hours	Rate	Total	Description
Santos, Mark	08/09/2013	0.70	$335.00	$234.50	Appear for/attend meeting w/Commission Staff re settlement
Santos, Mark	08/09/2013	0.40	$335.00	$134.00	Communicate w/other external City of Houston and TIEC re settlement status
Santos, Mark	08/09/2013	1.30	$335.00	$435.50	Review/Analyze Staff comments re settlement
Johnson, Evan	08/12/2013	0.60	$250.00	$150.00	Draft/Revise proposed order
Johnson, Evan	08/12/2013	0.70	$250.00	$175.00	Draft/Revise stipulation and settlement
Santos, Mark	08/12/2013	1.10	$335.00	$368.50	Communicate w/other external parties re update on settlement
Santos, Mark	08/12/2013	0.40	$335.00	$134.00	Draft/Revise proposed order
Santos, Mark	08/12/2013	1.70	$335.00	$569.50	Draft/Revise settlement agreement
Santos, Mark	08/12/2013	0.80	$335.00	$268.00	Review/Analyze updated schedules per settlement
Johnson, Evan	08/13/2013	0.30	$250.00	$75.00	Review/Analyze proposed order
Santos, Mark	08/13/2013	0.50	$335.00	$167.50	Communicate with client A. Machtemes, et al. re settlement
Santos, Mark	08/13/2013	0.20	$335.00	$67.00	Communicate w/other external parties re settlement
Santos, Mark	08/13/2013	0.50	$335.00	$167.50	Draft/Revise proposed order and motion to remand
Santos, Mark	08/13/2013	1.30	$335.00	$435.50	Draft/Revise settlement and schedules
Santos, Mark	08/14/2013	0.50	$335.00	$167.50	Communicate with client A. Machtemes, et al. re Staff position

Fees

Performed By	Date	Hours	Rate	Total	Description
Santos, Mark	08/14/2013	0.20	$335.00	$67.00	Communicate w/other external B. Foley re Staff position
Santos, Mark	08/14/2013	0.60	$335.00	$201.00	Communicate w/other external parties re settlement
Santos, Mark	08/14/2013	2.20	$335.00	$737.00	Draft/Revise settlement agreement
Santos, Mark	08/15/2013	0.30	$335.00	$100.50	Communicate w/other external City of Houston re Staff settlement position
Santos, Mark	08/15/2013	3.60	$335.00	$1,206.00	Review/Analyze City of Houston request and Staff settlement position
Santos, Mark	08/15/2013	0.50	$335.00	$167.50	Review/Analyze updates to EEPR
Johnson, Evan	08/16/2013	0.30	$250.00	$75.00	Review/Analyze settlement
Santos, Mark	08/16/2013	2.30	$335.00	$770.50	Communicate w/other external parties re settlement and proposed order
Santos, Mark	08/16/2013	0.30	$335.00	$100.50	Draft/Revise letter re extension to file settlement status
Santos, Mark	08/16/2013	1.30	$335.00	$435.50	Draft/Revise settlement agreement
Santos, Mark	08/16/2013	0.20	$335.00	$67.00	Review/Analyze Staff suggested changes to settlement agreement
Santos, Mark	08/19/2013	0.40	$335.00	$134.00	Communicate w/other external City of Houston re settlement
Johnson, Evan	08/20/2013	0.40	$250.00	$100.00	Review/Analyze settlement documents
Santos, Mark	08/20/2013	3.10	$335.00	$1,038.50	Communicate w/other external Parties and Staff re final settlement agreement
Santos, Mark	08/22/2013	0.30	$335.00	$100.50	Communicate w/other external Parties re proposed order and motion to remand

Fees

Performed By	Date	Hours	Rate	Total	Description
Santos, Mark	08/22/2013	0.50	$335.00	$167.50	Draft/Revise proposed order and motion to remand
Santos, Mark	08/22/2013	0.80	$335.00	$268.00	Review/Analyze Staff suggestions on proposed order and motion to remand
Santos, Mark	08/23/2013	2.20	$335.00	$737.00	Draft/Revise proposed order and motion to remand
Johnson, Evan	08/29/2013	0.30	$250.00	$75.00	Research rate case expense issue
Santos, Mark	08/29/2013	1.40	$335.00	$469.00	Review/Analyze Commissioners' discussion re remand
Santos, Mark	08/30/2013	0.20	$335.00	$67.00	Communicate w/other external GCCC re rate case expenses
Santos, Mark	08/30/2013	2.80	$335.00	$938.00	Review/Analyze Commission discussion re rate case expenses and remand
Matter Total:		**49.50**		**$16,336.00**	

Lawyer Summary

Performed By	Rate	Hours	Total Fees
Johnson, Evan	$250.00	2.90	$725.00
Santos, Mark	$335.00	46.60	$15,611.00
	Sum:	49.50	$16,336.00

Expenses

Date	Description	Amount
08/31/2013	Photocopies	$13.30
	Total Expenses:	$13.30

Fees / Expense Summary

Fees:	$16,336.00
Expenses:	$13.30
Total Amt Due:	**$16,349.30**

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Taxpayer I.D. # 27-0934461

Invoice Description: 2013 CEHE EEPR and EECRF

Invoice #:	3453	**Matter #:**	2012 9295
Invoice Date:	10/28/2013	**Matter Desc:**	2013 EEPR & EECRF - CAP
Invoice Total:	$7,377.00	**Main Assignee:**	Ryan, Jason

Invoice Detail

Fees

Performed By	Date	Hours	Rate	Total	Description
Santos, Mark	09/03/2013	0.50	$335.00	$167.50	Communicate with client A. Machtemes re Staff affidavit
Santos, Mark	09/03/2013	0.20	$335.00	$67.00	Communicate w/other external Staff re Staff affidavit
Santos, Mark	09/03/2013	0.40	$335.00	$134.00	Review/Analyze CEHE affidavits and other evidence supporting rate case expenses
Santos, Mark	09/03/2013	1.10	$335.00	$368.50	Review/Analyze settlement issues and rate case expense support
Santos, Mark	09/04/2013	3.40	$335.00	$1,139.00	Review/Analyze Staff proposal for supplementing record and motion to reopen evidentiary record
Santos, Mark	09/05/2013	0.70	$335.00	$234.50	Review/Analyze Staff motion to reopen record
Santos, Mark	09/12/2013	1.10	$335.00	$368.50	Appear for/attend prehearing conference in TNMP, Oncor, SPS and Sharyland EECRF for impact of CEHE filing
Santos, Mark	09/12/2013	0.60	$335.00	$201.00	Communicate with client re procedural schedule
Johnson, Evan	09/18/2013	0.40	$250.00	$100.00	Draft/Revise letter to ALJ re correction to proposed order
Santos, Mark	09/18/2013	0.40	$335.00	$134.00	Communicate with client re issues raised by order requiring clarifications
Santos, Mark	09/18/2013	0.20	$335.00	$67.00	Communicate w/other external parties re order requiring clarifications
Santos, Mark	09/18/2013	4.80	$335.00	$1,608.00	Review/Analyze issues raised by order requiring clarifications
Santos, Mark	09/20/2013	0.30	$335.00	$100.50	Communicate with client re Staff's motion to admit evidence and affidavit

Fees

Performed By	Date	Hours	Rate	Total	Description
Santos, Mark	09/20/2013	1.30	$335.00	$435.50	Review/Analyze Staff's motion to admit evidence and affidavit
Santos, Mark	09/23/2013	2.80	$335.00	$938.00	Draft/Revise proposed order and letter responding to Staff's motion
Johnson, Evan	09/24/2013	0.50	$250.00	$125.00	Draft/Revise proposed order
Santos, Mark	09/24/2013	0.30	$335.00	$100.50	Communicate with client re updated proposed order
Santos, Mark	09/24/2013	0.30	$335.00	$100.50	Communicate w/other external parties re updated proposed order
Santos, Mark	09/24/2013	0.70	$335.00	$234.50	Review/Analyze correction needed to settlement schedule
Johnson, Evan	09/25/2013	0.20	$250.00	$50.00	Review/Analyze proposed order
Santos, Mark	09/25/2013	0.50	$335.00	$167.50	Communicate w/other external parties re edits to proposed order
Santos, Mark	09/25/2013	1.30	$335.00	$435.50	Draft/Revise final edits to proposed order
Santos, Mark	09/25/2013	0.30	$335.00	$100.50	Review/Analyze schedule and cover letter
Matter Total:		**22.30**		**$7,377.00**	

Lawyer Summary

Performed By	Rate	Hours	Total Fees
Johnson, Evan	$250.00	1.10	$275.00
Santos, Mark	$335.00	21.20	$7,102.00
	Sum:	22.30	$7,377.00

Expenses

Date	Description	Amount
	Total Expenses:	

Fees / Expense Summary

Fees:	$7,377.00
Expenses:	
Total Amt Due:	**$7,377.00**

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P O Box 13366 Austin, TX 78711

Taxpayer I.D. # 27-0934461

Invoice Description: 2013 CEHE EEPR and EECRF

Invoice #:	3486	**Matter #:**	2012 9295
Invoice Date:	11/14/2013	**Matter Desc:**	2013 EEPR & EECRF - CAP
Invoice Total:	$335.00	**Main Assignee:**	Ryan, Jason

Invoice Detail

Fees

Performed By	Date	Hours	Rate	Total	Description
Santos, Mark	10/25/2013	1.00	$335.00	$335.00	Appear for/attend Open Meeting for consideration of final order
Matter Total:		**1.00**		**$335.00**	

Lawyer Summary

Performed By	Rate	Hours	Total Fees
Santos, Mark	$335.00	1.00	$335.00
	Sum:	1.00	$335.00

Expenses

Date	Description	Amount
	Total Expenses:	

Fees / Expense Summary

Fees:	$335.00
Expenses:	
Total Amt Due:	**$335.00**

Stratus Energy Group
Austin, TX

Taxpayer I.D. # 27-1280199

Invoice Description: Billing under Stratus Energy Group LLC Engagement Agreement, dated February 22, 2013

Invoice #:	CNP-2013-1	**Matter #:**	2012 9295
Invoice Date:	05/06/2013	**Matter Desc:**	2013 EEPR & EECRF - CAP
Invoice Total:	$7,693.62	**Main Assignee:**	Ryan, Jason

Invoice Detail

Fees

Performed By	Date	Hours	Rate	Total	Description
Matter Total:					

Lawyer Summary

Performed By	Rate	Hours	Total Fees
	Sum:		

Expenses

Date	Description	Amount
04/30/2013		$7,612.50
04/30/2013		$81.12
	Total Expenses:	$7,693.62

Fees / Expense Summary

Fees:	
Expenses:	$7,693.62
Total Amt Due:	**$7,693.62**

Invoices received to-date for:

2013 9618 2013 EEPR & EECRF Consultant Costs

Vendor	Invoice Number	Invoice Date	Period From	Period To	Manual Amount	Net Total	Amount Paid	Process Date
Stratus Energy Group	CNP-2013-2	06/06/2013	05/01/2013	05/31/2013	$15,700.87	$15,700.87	$15,700.87	06/21/2013
					$15,700.87	**$15,700.87**	**$15,700.87**	

Stratus Energy Group
Austin, TX

Taxpayer I.D. # 27-1280199

Invoice Description: Billing under Stratus Energy Group LLC Engagement Agreement, dated February 22, 2013

Invoice #:	CNP-2013-2	**Matter #:**	2013 9618
Invoice Date:	06/06/2013	**Matter Desc:**	2013 EEPR & EECRF Consultant Costs
Invoice Total:	$15,700.87	**Main Assignee:**	Ryan, Jason

Invoice Detail

Fees

Performed By	Date	Hours	Rate	Total	Description
Matter Total:					

Lawyer Summary

Performed By	Rate	Hours	Total Fees
	Sum:		

Expenses

Date	Description	Amount
05/31/2013		$15,400.00
05/31/2013		$300.87
	Total Expenses:	$15,700.87

Fees / Expense Summary

Fees:	
Expenses:	$15,700.87
Total Amt Due:	**$15,700.87**

WORKPAPERS

OF

JARRETT E. SIMON

Workpaper JESWP1 is confidential. A copy of this material will be provided pursuant to the protective order issued in this docket.

Avoided Cost per kW	$80
Avoided Cost per kWh	$0.104
Inflation Rate	2.0%
Discount Rate	8.2%
PV(Avd Capacity Cost)	$586,353

PROGRAM USEFUL MEASURE LIFE CALCULATION					PROGRAM COST PER MEASURE					NET BENEFIT CALCULATIONS		
Program	Measure	Reported / Verified kW	Reported / Verified kWh	Estimated Useful Measure Life	Incentives	Admin	EM&V Expenses	All Rate Case Expenses	Program Cost	Maximum Avoided Cost	Net Benefits	Bonus
Large Commercial SOP	Lighting - Fluorescent, HID, CFL	4,829.1	29,830,427	10.5	$ 1,770,304	$ 366,423	$ 104,158	$ 18,085	$ 2,258,970	$ 26,494,061	$ 24,235,091	$ 2,423,509
Large Commercial SOP	Lighting - LED	3,570.2	21,124,535	15.0	$ 2,389,600	$ 270,896	$ 77,004	$ 13,370	$ 2,750,870	$ 23,972,875	$ 21,222,006	$ 2,122,201
Large Commercial SOP	Lighting - Relamping	0.5	3,684	10.5	$ 55	$ 38	$ 11	$ 2	$ 105	$ 3,213	$ 3,108	$ 311
Large Commercial SOP	Chiller	2,735.2	7,704,905	20.0	$ 1,517,384	$ 207,541	$ 58,995	$ 10,243	$ 1,794,163	$ 11,617,404	$ 9,823,241	$ 982,324
Large Commercial SOP	DX Units	598.6	1,082,913	15.0	$ 213,769	$ 45,421	$ 12,911	$ 2,242	$ 274,344	$ 1,549,982	$ 1,275,638	$ 127,564
Large Commercial SOP	Motor	171.1	2,367,761	15.0	$ 158,375	$ 12,982	$ 3,690	$ 641	$ 175,688	$ 2,510,056	$ 2,334,368	$ 233,437
Large Commercial SOP	Window Film	239.1	221,448	10.0	$ 65,532	$ 18,141	$ 5,157	$ 895	$ 89,725	$ 308,986	$ 219,261	$ 21,926
Large Commercial SOP	Roofing	73.4	146,693	15.0	$ 30,811	$ 5,566	$ 1,582	$ 275	$ 38,234	$ 203,985	$ 165,751	$ 16,575
Large Commercial SOP	Energy Management System	303.6	4,651,771	20.0	$ 332,233	$ 23,035	$ 6,548	$ 1,137	$ 362,953	$ 5,786,016	$ 5,423,063	$ 542,306
Large Commercial SOP	VFD	62.0	1,570,867	15.0	$ 119,582	$ 4,704	$ 1,337	$ 232	$ 125,856	$ 1,625,480	$ 1,499,625	$ 149,962
Large Commercial SOP	All Measures	12,582.7	68,705,004.0	14.4	$ 6,597,644	$ 954,748	$ 271,392	$ 47,121	$ 7,870,906	$ 74,072,057	$ 66,201,152	$ 6,620,115
Commercial MTP	Chiller Air/Water (Screw,Scroll,Reciprocating)	876.4	1,660,253.0	20.0	$ 411,045	$ 61,869	$ 45,943	$ 5,616	$ 524,473	$ 2,764,816	$ 2,240,344	$ 224,034
Commercial MTP	Chiller Air/Water (Centrifugal)	195.6	411,771.0	25.0	$ 233,029	$ 13,810	$ 10,255	$ 1,253	$ 258,346	$ 741,265	$ 482,919	$ 48,292
Commercial MTP	ES Roof Coating	33.6	67,203.0	15.0	$ 156,411	$ 2,371	$ 1,761	$ 215	$ 160,758	$ 93,439	$ (67,319)	$ (6,732)
Commercial MTP	HVAC-DX	266.6	515,249.0	15.0	$ 220,650	$ 18,822	$ 13,977	$ 1,708	$ 255,157	$ 723,421	$ 468,264	$ 46,826
Commercial MTP	LED	231.7	1,266,821.0	15.0	$ 275,246	$ 16,358	$ 12,147	$ 1,485	$ 305,236	$ 1,451,246	$ 1,146,011	$ 114,601
Commercial MTP	Lighting	663.2	3,779,779.0	10.0	$ 354,534	$ 46,817	$ 34,766	$ 4,249	$ 440,366	$ 3,270,036	$ 2,829,669	$ 282,967
Commercial MTP	VFD on AHU	2.1	36,678.0	15.0	$ 149,128	$ 151	$ 112	$ 14	$ 149,405	$ 38,488	$ (110,917)	$ (11,092)
Commercial MTP	Custom	939.8	7,971,959.0	15.3	$ 790,126	$ 66,346	$ 49,267	$ 6,022	$ 911,761	$ 8,821,846	$ 7,910,085	$ 791,009
Commercial MTP	Lighting - LED	0.6	4,538.0	15.0	$ 6,184	$ 44	$ 33	$ 4	$ 6,266	$ 5,044	$ (1,221)	$ (122)
Commercial MTP	Lighting	60.4	387,720.4	15.5	$ 337,411	$ 4,264	$ 3,166	$ 387	$ 345,228	$ 444,938	$ 99,710	$ 9,971
Commercial MTP	All Measures	3,270.1	16,101,971.4	16.0	2,933,763.5	$ 230,852	$ 171,427	$ 20,953	3,356,995.5	$ 18,354,540	$ 14,997,545	$ 1,499,754
Large Commercial Load Management SOP	Load Shed	153,041.0	459,123.0	1.0	$ 5,221,196	$ 350,800	$ 15,083	$ 37,290	$ 5,624,370	$ 11,585,666	$ 5,961,296	$ 596,130
Retro-Commissioning	Various	2,059.2	14,793,663.0	10.0	$ 924,415	$ 98,467	$ 61,871	$ 6,602	$ 1,091,356	$ 12,484,027	$ 11,392,671	$ 1,139,267
Advanced Lighting Program Commercial	Lighting	361.90	2,556,420.00	15.0	$ 632,539	$ 111,449	$ 20,206	$ 4,518	$ 768,711	$ 2,846,926	$ 2,078,215	$ 207,822
Sustainable Schools	Various	160.6	392,342.0	10.0	$ 209,070	$ 31,015	$ 19,284	$ 1,493	$ 260,862	$ 393,235	$ 132,373	$ 13,237
Retail Electric Provider Pilot Program	AC Tune up	962.2	1,606,622.0	5.0	$ 495,429	$ 41,581	$ 9,839	$ 3,538	$ 550,387	$ 1,025,619	$ 475,232	$ 47,523
Energy Star MTP	Various	10,803.8	27,260,049.7	25.0	$ 3,474,935	$ 318,973	$ 99,098	$ 24,818	$ 3,917,825	$ 46,896,160	$ 42,978,336	$ 4,297,834
Residential SOP	CFL	2.8	21,120.0	5.3	$ 1,360	$ 263	$ 254	$ 10	$ 1,887	$ 10,700	$ 8,813	$ 881
Residential SOP	Duct Efficiency	149.8	217,957.0	18.0	$ 59,519	$ 13,956	$ 13,460	$ 547	$ 87,483	$ 372,681	$ 285,198	$ 28,520
Residential SOP	Infiltration	34.4	44,448.0	11.0	$ 11,494	$ 3,204	$ 3,090	$ 126	$ 17,914	$ 57,890	$ 39,976	$ 3,998
Residential SOP	Air Conditioning	82.0	250,627.0	15.0	$ 68,809	$ 7,644	$ 7,373	$ 300	$ 84,125	$ 315,065	$ 230,939	$ 23,094
Residential SOP	Ceiling Insulation	404.0	842,701.0	25.0	$ 206,148	$ 37,652	$ 36,315	$ 1,476	$ 281,591	$ 1,520,757	$ 1,239,166	$ 123,917
Residential SOP	Energy Star Window	74.9	118,974.0	25.0	$ 30,687	$ 6,984	$ 6,736	$ 274	$ 44,681	$ 232,858	$ 188,178	$ 18,818
Residential SOP	Ground Source Heat Pump	0.2	872.0	15.0	$ 224	$ 22	$ 22	$ 1	$ 268	$ 1,061	$ 793	$ 79
Residential SOP	Heat Pump	9.6	37,269.0	15.0	$ 9,327	$ 896	$ 864	$ 35	$ 11,121	$ 44,852	$ 33,731	$ 3,373
Residential SOP	Window Unit	0.4	691.0	13.0	$ 251	$ 37	$ 36	$ 1	$ 326	$ 915	$ 590	$ 59
Residential SOP	Pipe Wrap	0.0	80.0	13.0	$ 9	$ 1	$ 1	$ 0	$ 11	$ 79	$ 68	$ 7
Residential SOP	Water Heater Replacement	0.1	500.0	15.0	$ 59	$ 5	$ 4	$ 0	$ 68	$ 541	$ 473	$ 47
Residential SOP	All Measures	758.3	1,535,239.0	21.7	$ 387,886	$ 70,664	$ 68,154	$ 2,770	$ 529,474	$ 2,557,399	$ 2,027,925	$ 202,792
Advanced Lighting Program (Residential)	Lighting	218.49	2,394,145.81	15.0	$ 440,152	$ 37,808	$ 17,729	$ 3,144	$ 498,833	$ 2,573,171	$ 2,074,338	$ 207,434
A/C Distributor Program	Air Conditioning	1,897.2	6,055,489.0	15.0	$ 1,548,290	$ 171,697	$ 55,971	$ 11,058	$ 1,787,017	$ 7,547,030	$ 5,760,014	$ 576,001
Home Performance w/ Energy Star	Duct Sealing	22.1	51,513.7	18.0	$ 193,448	$ 35,012	$ 10,677	$ 1,382	$ 240,519	$ 76,634	$ (163,885)	$ (16,388)
Home Performance w/ Energy Star	Duct Replacement	12.0	23,416.7	18.0	$ 105,435	$ 19,083	$ 5,820	$ 753	$ 131,091	$ 36,555	$ (94,535)	$ (9,454)
Home Performance w/ Energy Star	Infiltration	10.4	15,322.0	10.0	$ 91,017	$ 16,468	$ 5,022	$ 650	$ 113,156	$ 17,772	$ (95,385)	$ (9,538)
Home Performance w/ Energy Star	Air Conditioning	24.9	78,705.0	15.0	$ 218,079	$ 39,466	$ 12,036	$ 1,558	$ 271,138	$ 98,277	$ (172,861)	$ (17,286)
Home Performance w/ Energy Star	Ceiling Insulation	9.4	15,298.3	25.0	$ 82,381	$ 14,915	$ 4,548	$ 589	$ 102,432	$ 29,712	$ (72,720)	$ (7,272)
Home Performance w/ Energy Star	Wall Insulation	0.2	60.6	25.0	$ 1,502	$ 269	$ 82	$ 11	$ 1,864	$ 252	$ (1,612)	$ (161)
Home Performance w/ Energy Star	Floor Insualtion	0.4	1,764.6	10.0	$ 3,530	$ 634	$ 193	$ 25	$ 4,382	$ 1,580	$ (2,802)	$ (280)
Home Performance w/ Energy Star	Knee Wall	2.3	2,011.0	25.0	$ 20,351	$ 3,677	$ 1,121	$ 145	$ 25,295	$ 5,004	$ (20,291)	$ (2,029)
Home Performance w/ Energy Star	Energy Star Window	0.9	3,223.9	25.0	$ 7,735	$ 1,395	$ 425	$ 55	$ 9,610	$ 5,143	$ (4,467)	$ (447)
Home Performance w/ Energy Star	Ground Source Heat Pump	1.9	3,960.0	15.0	$ 16,221	$ 2,934	$ 895	$ 116	$ 20,165	$ 5,407	$ (14,758)	$ (1,476)
Home Performance w/ Energy Star	Heat Pump	0.3	984.0	15.0	$ 2,628	$ 475	$ 145	$ 19	$ 3,268	$ 1,220	$ (2,048)	$ (205)
Home Performance w/ Energy Star	Solar Screens	1.0	3,640.9	10.0	$ 8,636	$ 1,569	$ 479	$ 62	$ 10,746	$ 3,356	$ (7,390)	$ (739)
Home Performance w/ Energy Star	All Measures	85.7	199,900.7	17.0	$ 750,962	$ 135,897	$ 41,444	$ 5,363	$ 933,666	$ 280,912	$ (652,754)	$ (65,275)
Retail Electric Provider Pilot Program	AC Tune up	2,013.6	5,192,288.0	5.0	$ 1,568,859	$ 131,673	$ 31,155	$ 11,205	$ 1,742,893	$ 2,946,150	$ 1,203,258	$ 120,326
Multi-Family Water & Space Heating MTP (RES)	Water Heater	518.9	1,229,571.0	15.0	$ 252,600	$ 46,153.00	$ 15,685.77	$ 1,804.10	$ 316,243	$ 1,635,689	$ 1,319,446	$ 131,945
Energy Wise Resource Action Program	Lighting	341.3	2,625,432.0	5.3	$ 557,323	$ 39,715	$ 15,982	$ 4,448	$ 617,468	$ 1,326,664	$ 709,196	$ 70,920
Energy Wise Resource Action Program	Filtertone alarm	8.2	536,018.0	1.0	$ 192,674	$ 8,108	$ 3,263	$ 908	$ 204,953	$ 53,165	$ (151,788)	$ (15,179)

Energy Wise Resource Action Program	All Measures	349.5	3,161,450.0	4.6	$ 749,997	$ 47,823	$ 19,245	$ 5,357	$ 822,421	$ 1,379,829	$ 557,408	$ 55,741
Hard-To-Reach SOP	CFL	15.6	116,597.0	5.3	$ 12,297	$ 1,934	$ 523	$ 74	$ 14,827	$ 59,071	$ 44,244	$ 4,424
Hard-To-Reach SOP	Duct Efficiency	166.8	274 111.0	18.0	$ 104,281	$ 20,699	$ 5,592	$ 790	$ 131,362	$ 450,206	$ 318,844	$ 31,884
Hard-To-Reach SOP	Infiltration	33.8	42,676.0	11.0	$ 20,156	$ 4,199	$ 1,134	$ 160	$ 25,650	$ 56,107	$ 30,458	$ 3,046
Hard-To-Reach SOP	Ceiling Insulation	1,192.9	2,281,125.0	25.0	$ 793,564	$ 147,990	$ 39,982	$ 5,648	$ 987,184	$ 4,217,203	$ 3,230,019	$ 323,002
Hard-To-Reach SOP	Solar Screens	0.9	3,373.0	10.0	$ 991	$ 117	$ 32	$ 4	$ 1,145	$ 3,126	$ 1,981	$ 198
Hard-To-Reach SOP	Low Flow Showerheads	0.2	256.0	10.0	$ 55	$ 22	$ 6	$ 1	$ 84	$ 300	$ 215	$ 22
Hard-To-Reach SOP	Water Heater Measures	0.6	4,884.0	10.0	$ 1,050	$ 70	$ 19	$ 3	$ 1,141	$ 4,053	$ 2,912	$ 291
Hard-To-Reach SOP	Window AC (RA)	0.6	1,107.0	13.0	$ 721	$ 80	$ 22	$ 3	$ 825	$ 1,466	$ 641	$ 64
Hard-To-Reach SOP	All Measures	1,411.5	2,724,129.0	23.6	$ 933,114	$ 175,111	$ 47,309	$ 6,683	$ 1,162,218	$ 4,791,532	$ 3,629,314	$ 362,931
Multi-Family Water & Space Heating MTP (HTR)	Water Heater	62.9	147,165.0	15.0	$ 50,400	$ 9,435.00	$ 3,212.75	$ 359.96	$ 63,408	$ 196,386	$ 132,978	$ 13,298
Affordable Single Family Homes	Various	91.3	83 735.0	23.0	$ 62,400	$ 11,177.28	$ 3,019.75	$ 426.61	$ 77,024	$ 195,457	$ 118,433	$ 11,843
Agencies in Action MTP	10,000 Btu Window AC	0.50	858.42	13.0	$ 3,551.82	$ 44	$ 5	$ 5	$ 3,605.89	$ 1,139	$ (2,467)	$ (247)
Agencies in Action	12,000 Btu Window AC	1.13	1,937.80	13.0	$ 7,602.60	$ 100	$ 12	$ 11	$ 7,724.64	$ 2,571	$ (5,154)	$ (515)
Agencies in Action	12w-16w CFL	23.80	179,452.00	5.3	$ 37,852.72	$ 2,098	$ 250	$ 224	$ 40,424.94	$ 90,846	$ 50,421	$ 5,042
Agencies in Action	18,000 Btu Window AC	1.76	3,026.11	13.0	$ 9,178.10	$ 155	$ 19	$ 17	$ 9,368.67	$ 4,014	$ (5,355)	$ (535)
Agencies in Action	17w-21w CFL	1.36	8,983.50	5.3	$ 2,878.90	$ 120	$ 14	$ 13	$ 3,025.45	$ 4,606	$ 1,581	$ 158
Agencies in Action	22w-27w CFL	1.25	9,825.00	5.3	$ 1,368.04	$ 110	$ 13	$ 12	$ 1,503.14	$ 4,955	$ 3,452	$ 345
Agencies in Action	24,000 Btu Window AC	0.25	436.63	13.0	$ 857.63	$ 22	$ 3	$ 2	$ 885.12	$ 579	$ (306)	$ (31)
Agencies in Action	5,000 Btu Window AC	1.09	1,874.27	13.0	$ 11,877.10	$ 96	$ 11	$ 10	$ 11,995.21	$ 2,487	$ (9,509)	$ (951)
Agencies in Action	Attic Insulation (sq. ft.)	145.89	299,268.90	25.0	$ 274,222.02	$ 12,861	$ 1,535	$ 1,372	$ 289,988.88	$ 542,505	$ 252,517	$ 25,252
Agencies in Action	Central AC (tons)	27.39	99,490.89	15.0	$ 278,999.53	$ 2,415	$ 288	$ 258	$ 281,959.79	$ 121,076	$ (160,884)	$ (16,088)
Agencies in Action	Central Heat Pump	4,578.09	4,994,352.30	15.0	$ 5,383,629.18	$ 403,581	$ 48,157	$ 43,044	$ 5,878,411.56	$ 8,552,374	$ 2,673,963	$ 267,396
Agencies in Action	Air Infiltration	43.55	59,150.43	11.0	$ 42,731.76	$ 3,839	$ 458	$ 409	$ 47,438.04	$ 75,651	$ 28,213	$ 2,821
Agencies in Action	Pipe Insulation	0.10	779.41	13.0	$ 520.80	$ 8	$ 1	$ 1	$ 531.11	$ 781	$ 250	$ 25
Agencies in Action	Refrigerator Replacement	14.68	107,501.30	14.0	$ 265,505.93	$ 1,294	$ 154	$ 138	$ 267,092.83	$ 114,213	$ (152,880)	$ (15,288)
Agencies in Action	Solar Screen (sq. ft.)	26.51	75,555.40	10.0	$ 94,254.90	$ 2,337	$ 279	$ 249	$ 97,119.50	$ 73,134	$ (23,985)	$ (2,399)
Agencies in Action	Wall Insulation (sq. ft.)	2.38	6,642.63	25.0	$ 8,947.76	$ 210	$ 25	$ 22	$ 9,204.67	$ 11,168	$ 1,964	$ 196
Agencies in Action	Water Heater Jacket	0.76	6,190.63	7.0	$ 1,123.84	$ 67	$ 8	$ 7	$ 1,205.69	$ 3,920	$ 2,714	$ 271
Agencies in Action	Duct Sealing (tons)	26.26	43,766.90	18.0	$ 21,170.44	$ 2,315	$ 276	$ 247	$ 24,008.33	$ 71,555	$ 47,547	$ 4,755
Agencies in Action	All Measures	4,896.7	5,899,092.5	15.2	$ 6,446,273	$ 431,671	$ 51,509	$ 46,040	$ 6,975,493	$ 9,677,574	$ 2,702,081	$ 270,208
R&D						$ 1,196,274			$ 1,196,274	$ -	$ (1,196,274)	$ (119,627)
Commercial Total		172,437.7	104,615,145.4	71.4	17,014,057.7	1,818,912.0	569,101.1		19,523,587.3	$ 201,439,361	$ 161,892,986	$ 16,189,299
Residential Total		16,645.5	47,028,133.2	118.3	9,173,681.7	2,156,962.0	348,482.5		11,744,645.8			
HTR Total		6,462.5	8,854,121.5	76.8	7,492,187.1	627,394.0	105,051.0		8,278,142.4			
Total		195,545.6	160,497,400.1	266.4	33,679,926.5	4,603,268.0	1,022,634.6	240,546.46	39,546,375.5			

	Cost Allocation by Utility	2014 2014 Estimated Costs per Utility	2015 2014 Estimated Costs per Utility	Total Estimated Costs per Utility
AEP TCC	9.97%	$131,527	$181,606	$313,133
AEP TNC	1.76%	$23,204	$32,039	$55,243
CenterPoint	29.96%	$395,092	$545,523	$940,616
El Paso Electric	3.18%	$41,887	$57,835	$99,722
Entergy	5.78%	$76,203	$105,218	$181,421
Oncor	40.23%	$530,519	$732,514	$1,263,034
Sharyland	0.51%	$6,681	$9,225	$15,907
SWEPCO	3.54%	$46,643	$64,402	$111,045
TNMP	3.17%	$41,857	$57,794	$99,652
Xcel	1.90%	$25,010	$34,532	$59,542
Total	100.00%	**$1,318,624**	**$1,820,689**	**$3,139,313**
		42%	**58%**	**100%**

Program	Sector	2014 kWh	kWh %	Priority	Priority Weight	Priority %	Blended %	kWh Cost	Priority Cost	Blended Cost	CY2014	CY2015
Commercial Solutions MTP	Nonresidential	3,888,000	7.7%	Medium	3	7.0%	7.4%	$24,268	$21,846	$23,057	$9,685	$13,372
Commercial SOP	Nonresidential	12,539,000	25.0%	High	5	11.6%	18.3%	$78,264	$36,411	$57,338	$24,084	$33,254
CoolSaver A/C Tune-Up MTP	Nonresidential	3,548,015	7.1%	Medium	3	7.0%	7.0%	$22,146	$21,846	$21,996	$9,239	$12,757
Irrigation Load Management MTP	Nonresidential	192,000	0.4%	Low	1	2.3%	1.4%	$1,198	$7,282	$4,240	$1,781	$2,459
Load Management SOP	Nonresidential	38,148	0.1%	Low	1	2.3%	1.2%	$238	$7,282	$3,760	$1,579	$2,181
Open MTP	Nonresidential	1,987,000	4.0%	Medium	3	7.0%	5.5%	$12,402	$21,846	$17,124	$7,193	$9,931
SCORE/CitySmart MTP	Nonresidential	5,749,624	11.5%	Medium	3	7.0%	9.2%	$35,887	$21,846	$28,867	$12,125	$16,742
SMART Source Solar PV MTP	Nonresidential	280,000	0.6%	Low	1	2.3%	1.4%	$1,748	$7,282	$4,515	$1,896	$2,618
A/C Distributor Pilot MTP	Residential	893,014	1.8%	Medium	3	7.0%	4.4%	$5,574	$21,846	$13,710	$5,759	$7,951
CoolSaver A/C Tune-Up MTP	Residential	2,877,018	5.7%	Medium	3	7.0%	6.4%	$17,957	$21,846	$19,902	$8,360	$11,542
High-Performance New Homes MTP	Residential	1,596,286	3.2%	Medium	3	7.0%	5.1%	$9,963	$21,846	$15,905	$6,681	$9,224
Residential SOP	Residential	11,750,000	23.4%	High	5	11.6%	17.5%	$73,340	$36,411	$54,875	$23,050	$31,826
SMART Source Solar PV MTP	Residential	240,000	0.5%	Low	1	2.3%	1.4%	$1,498	$7,282	$4,390	$1,844	$2,546
Hard-to-Reach SOP	Hard-to-reach	3,480,000	6.9%	Medium	3	7.0%	7.0%	$21,721	$21,846	$21,784	$9,150	$12,634
Targeted Low-Income Energy Efficiency Progran	Hard-to-reach	1,110,000	2.2%	High	5	11.6%	6.9%	$6,928	$36,411	$21,670	$9,102	$12,568
Total		**50,168,105**	**100%**		**43**	**100%**	**100%**	**$313,133**	**$313,133**	**$313,133**	**$131,527**	**$181,606**

Program	Sector	2014 kWh	kWh %	Priority	Priority Weight	Priority %	Blended %	kWh Cost	Priority Cost	Blended Cost	CY2014	CY2015
Commercial Solutions MTP	Nonresidential	1,500,000	14.5%	Medium	3	8.8%	11.7%	$8,033	$4,874	$6,454	$2,711	$3,743
Commercial SOP	Nonresidential	3,009,000	29.2%	High	5	14.7%	21.9%	$16,114	$8,124	$12,119	$5,090	$7,028
Irrigation Load Management MTP	Nonresidential	38,400	0.4%	Low	1	2.9%	1.7%	$206	$1,625	$915	$384	$531
Load Management SOP	Nonresidential	19,282	0.2%	Low	1	2.9%	1.6%	$103	$1,625	$864	$363	$501
Open MTP	Nonresidential	1,344,000	13.0%	Medium	3	8.8%	10.9%	$7,197	$4,874	$6,036	$2,535	$3,501
SCORE/CitySmart MTP	Nonresidential	1,500,000	14.5%	Medium	3	8.8%	11.7%	$8,033	$4,874	$6,454	$2,711	$3,743
SMART Source Solar PV MTP	Nonresidential	120,000	1.2%	Low	1	2.9%	2.1%	$643	$1,625	$1,134	$476	$658
A/C Distributor Pilot MTP	Residential	251,201	2.4%	Medium	3	8.8%	5.6%	$1,345	$4,874	$3,110	$1,306	$1,804
Residential SOP	Residential	1,899,000	18.4%	High	5	14.7%	16.6%	$10,169	$8,124	$9,147	$3,842	$5,305
SMART Source Solar PV MTP	Residential	120,000	1.2%	Low	1	2.9%	2.1%	$643	$1,625	$1,134	$476	$658
Hard-to-Reach SOP	Hard-to-Reach	418,000	4.1%	Medium	3	8.8%	6.4%	$2,238	$4,874	$3,556	$1,494	$2,063
Targeted Low-Income Energy Efficiency Program	Hard-to-Reach	97,000	0.9%	High	5	14.7%	7.8%	$519	$8,124	$4,322	$1,815	$2,506
Total		**10,315,883**	**100%**		**34**	**100%**	**100%**	**$55,243**	**$55,243**	**$55,243**	**$23,204**	**$32,039**

Program	Sector	2014 MWh	MWh %	Priority	Priority Weight	Priority %	Blended %	kWh Cost	Priority Cost	Blended Cost	CY2014	CY2015
Commercial SOP	Nonresidential	72,893	39.5%	High	5	10.4%	24.9%	$371,117	$97,981	$234,549	$98,519	$136,030
Texas SCORE MTP (Commercial MTP)	Nonresidential	13,350	7.2%	Medium	3	6.3%	6.7%	$67,969	$58,788	$63,379	$26,621	$36,757
Large Commercial Load Management SOP	Nonresidential	300	0.2%	Low	1	2.1%	1.1%	$1,527	$19,596	$10,562	$4,436	$6,125
Retro-commissioning MTP	Nonresidential	17,071	9.2%	Medium	3	6.3%	7.7%	$86,912	$58,788	$72,850	$30,600	$42,250
Advanced Lighting	Nonresidential	2,425	1.3%	Low	1	2.1%	1.7%	$12,346	$19,596	$15,971	$6,708	$9,263
Sustainable Schools Pilot	Nonresidential	704	0.4%	Low	1	2.1%	1.2%	$3,583	$19,596	$11,590	$4,868	$6,722
Retail Electric Provider Pilot MTP	Nonresidential	1,175	0.6%	Medium	3	6.3%	3.4%	$5,983	$58,788	$32,386	$13,603	$18,782
ENERGY STAR Homes MTP	Residential	31,375	17.0%	Medium	3	6.3%	11.6%	$159,740	$58,788	$109,264	$45,895	$63,369
Residential SOP	Residential	1,979	1.1%	High	5	10.4%	5.7%	$10,075	$97,981	$54,028	$22,694	$31,334
Advanced Lighting	Residential	3,264	1.8%	Low	1	2.1%	1.9%	$16,616	$19,596	$18,106	$7,605	$10,501
A/C Distributor MTP	Residential	6,650	3.6%	Medium	3	6.3%	4.9%	$33,855	$58,788	$46,322	$19,457	$26,865
Retail Electric Provider Pilot MTP	Residential	8,275	4.5%	Medium	3	6.3%	5.4%	$42,131	$58,788	$50,460	$21,195	$29,265
Multi-family MTP	Residential	8,068	4.4%	Medium	3	6.3%	5.3%	$41,074	$58,788	$49,931	$20,973	$28,958
Pool Pump Pilot	Residential	1,733	0.9%	Low	1	2.1%	1.5%	$8,823	$19,596	$14,209	$5,968	$8,241
Energy Wise Resource Action MTP	Residential	4,386	2.4%	Low	1	2.1%	2.2%	$22,328	$19,596	$20,962	$8,805	$12,157
Hard-to-Reach SOP	Hard-to-Reach	5,098	2.8%	Medium	3	6.3%	4.5%	$25,956	$58,788	$42,372	$17,798	$24,574
Multi-family MTP	Hard-to-Reach	1,752	0.9%	Medium	3	6.3%	3.6%	$8,920	$58,788	$33,854	$14,220	$19,634
Agencies in Action MTP	Hard-to-Reach	4,255	2.3%	High	5	10.4%	6.4%	$21,661	$97,981	$59,821	$25,127	$34,694
Total		**184,750**	**100%**		**48**	**100%**	**100%**	**$940,616**	**$940,616**	**$940,616**	**$395,092**	**$545,523**

Program	Sector	2014 kWh	kWh %	Priority	Priority Weight	Priority %	Blended %	kWh Cost	Priority Cost	Blended Cost	CY2014	CY2015
Commercial SOP	Nonresidential	2,628,000	12.5%	High	5	18.5%	15.5%	$12,422	$18,467	$15,444	$6,487	$8,957
Small Commercial Solutions MTP	Nonresidential	3,197,400	15.2%	Medium	3	11.1%	13.1%	$15,113	$11,080	$13,097	$5,501	$7,596
Large C&I Solutions MTP	Nonresidential	7,884,000	37.4%	Medium	3	11.1%	24.2%	$37,265	$11,080	$24,173	$10,153	$14,019
Texas SCORE MTP	Nonresidential	1,971,000	9.3%	Medium	3	11.1%	10.2%	$9,316	$11,080	$10,198	$4,284	$5,915
Load Management SOP	Nonresidential	14,000	0.1%	Low	1	3.7%	1.9%	$66	$3,693	$1,880	$790	$1,090
Commercial Rebate Pilot Prograr	Nonresidential	289,080	1.4%	Low	1	3.7%	2.5%	$1,366	$3,693	$2,530	$1,063	$1,467
Residential Solutions MTP	Residential	700,800	3.3%	Medium	3	11.1%	7.2%	$3,312	$11,080	$7,196	$3,023	$4,174
LivingWise MTP	Residential	1,534,764	7.3%	Low	1	3.7%	5.5%	$7,254	$3,693	$5,474	$2,299	$3,175
Hard-to-Reach Solutions MTP	Hard-to-Reach	1,051,200	5.0%	Medium	3	11.1%	8.0%	$4,969	$11,080	$8,024	$3,371	$4,654
Appliance Recycling MTP	Res/Comm	1,415,616	6.7%	Medium	3	11.1%	8.9%	$6,691	$11,080	$8,886	$3,732	$5,153
Solar PV Pilot MTP	Res/Comm	411,720	2.0%	Low	1	3.7%	2.8%	$1,946	$3,693	$2,820	$1,184	$1,635
Total		**21,097,580**	**100%**		**27**	**100%**	**100%**	**$99,722**	**$99,722**	**$99,722**	**$41,887**	**$57,835**

Program	Sector	2014 kWh	kWh %	Priority	Priority Weight	Priority %	Blended %	kWh Cost	Priority Cost	Blended Cost	CY2014	CY2015
Commercial Solutions MTP	Nonresidential	7,533,000	27.7%	Medium	3	16.7%	22.2%	$50,326	$30,237	$40,281	$16,920	$23,362
Load Management SOP	Nonresidential	40,000	0.1%	Low	1	5.6%	2.9%	$267	$10,079	$5,173	$2,173	$3,000
SCORE/CitySmart MTP	Nonresidential	7,579,000	27.9%	Medium	3	16.7%	22.3%	$50,633	$30,237	$40,435	$16,984	$23,451
Residential SOP	Residential	6,371,000	23.5%	High	5	27.8%	25.6%	$42,563	$50,395	$46,479	$19,523	$26,956
Entergy Solutions High Performance Homes MTF	Residential	1,946,000	7.2%	Medium	3	16.7%	11.9%	$13,001	$30,237	$21,619	$9,081	$12,538
Hard-to-Reach SOP	Hard-to-Reach	3,687,000	13.6%	Medium	3	16.7%	15.1%	$24,632	$30,237	$27,434	$11,523	$15,911
Total		**27,156,000**	**100%**		**18**	**100%**	**100%**	**$181,421**	**$181,421**	**$181,421**	**$76,203**	**$105,218**

Program	Sector	2014 kWh	kWh %	Priority	Priority Weight	Priority %	Blended %	kWh Cost	Priority Cost	Blended Cost	CY2014	CY2015
Commercial SOP	Nonresidential	84,837,164	40.5%	High	5	20.0%	30.2%	$511,233	$252,607	$381,920	$160,420	$221,500
Emergency Load Management SOP	Nonresidential	0	0.0%	Low	1	4.0%	2.0%	$0	$50,521	$25,261	$10,610	$14,650
Commercial Load Management SOP	Nonresidential	0	0.0%	Low	1	4.0%	2.0%	$0	$50,521	$25,261	$10,610	$14,650
Small Business Direct Install MTP	Nonresidential	2,625,000	1.3%	Medium	3	12.0%	6.6%	$15,818	$151,564	$83,691	$35,153	$48,538
Solar PV SOP	Nonresidential	15,722,024	7.5%	Low	1	4.0%	5.8%	$94,742	$50,521	$72,632	$30,508	$42,124
Home Energy Efficiency SOP	Residential	69,685,800	33.2%	High	5	20.0%	26.6%	$419,931	$252,607	$336,269	$141,245	$195,024
Solar PV SOP	Residential	6,415,422	3.1%	Low	1	4.0%	3.5%	$38,660	$50,521	$44,591	$18,730	$25,861
Hard-to-Reach SOP	Hard-to-Reach	25,110,000	12.0%	Medium	3	12.0%	12.0%	$151,314	$151,564	$151,439	$63,610	$87,829
Targeted Weatherization Low-Income SOF	Hard-to-Reach	5,200,000	2.5%	High	5	20.0%	11.2%	$31,335	$252,607	$141,971	$59,633	$82,338
Total		**209,595,410**	**100%**		**25**	**100%**	**100%**	**$1,263,034**	**$1,263,034**	**$1,263,034**	**$530,519**	**$732,514**

Program	Sector	2014 MWh	MWh %	Priority	Priority Weight	Priority %	Blended %	kWh Cost	Priority Cost	Blended Cost	CY2014	CY2015
Commercial SOP	Nonresidential	312	11.6%	High	5	20.0%	15.8%	$1,847	$3,181	$2,514	$1,056	$1,458
Commercial Load Management SOP	Nonresidential	0	0.0%	Low	1	4.0%	2.0%	$0	$636	$318	$134	$185
Customized Commercial MTP	Nonresidential	579	21.5%	Medium	3	12.0%	16.8%	$3,428	$1,909	$2,668	$1,121	$1,547
SCORE Pilot MTP	Nonresidential	250	9.3%	Medium	3	12.0%	10.7%	$1,480	$1,909	$1,694	$712	$983
Residential SOP	Residential	1,331	49.5%	High	5	20.0%	34.8%	$7,879	$3,181	$5,530	$2,323	$3,207
Hard-to-Reach SOP	Hard-to-Reach	184	6.8%	Medium	3	12.0%	9.4%	$1,089	$1,909	$1,499	$630	$869
Targeted Low Income Weatherization Program	Hard-to-Reach	31	1.2%	High	5	20.0%	10.6%	$184	$3,181	$1,682	$707	$976
Total		**2,687**	**100%**		**25**	**100%**	**100%**	**$15,907**	**$15,907**	**$15,907**	**$6,681**	**$9,225**

Program	Sector	2014 kWh	kWh %	Priority	Priority Weight	Priority %	Blended %	kWh Cost	Priority Cost	Blended Cost	CY2014	CY2015
Commercial Solutions MTP	Nonresidential	2,983,157	19.9%	Medium	3	11.1%	15.5%	$22,135	$12,338	$17,237	$7,240	$9,997
Commercial SOP	Nonresidential	4,457,567	29.8%	High	5	18.5%	24.2%	$33,075	$20,564	$26,820	$11,265	$15,554
Load Management SOP	Nonresidential	70,193	0.5%	Low	1	3.7%	2.1%	$521	$4,113	$2,317	$973	$1,344
Open MTP	Nonresidential	1,834,673	12.3%	Medium	3	11.1%	11.7%	$13,613	$12,338	$12,976	$5,450	$7,526
SCORE MTP	Nonresidential	1,929,732	12.9%	Medium	3	11.1%	12.0%	$14,319	$12,338	$13,328	$5,598	$7,730
CoolSaver A/C Tune-Up MTP	Residential	493,754	3.3%	Medium	3	11.1%	7.2%	$3,664	$12,338	$8,001	$3,361	$4,640
On-Line Home Energy Checkup	Residential	0	0.0%	Low	1	3.7%	1.9%	$0	$4,113	$2,056	$864	$1,193
Residential SOP	Residential	1,894,211	12.7%	High	5	18.5%	15.6%	$14,055	$20,564	$17,309	$7,271	$10,039
Hard-to-Reach SOP	Hard-to-Reach	1,302,324	8.7%	Medium	3	11.1%	9.9%	$9,663	$12,338	$11,001	$4,621	$6,380
Total		**14,965,611**	**100%**		**27**	**100%**	**100%**	**$111,045**	**$111,045**	**$111,045**	**$46,643**	**$64,402**

Program	Sector	2014 kWh	kWh %	Priority	Priority Weight	Priority %	Blended %	kWh Cost	Priority Cost	Blended Cost	CY2014	CY2015
Commercial Solutions MTP	Nonresidential	1,500,754	9.1%	Medium	3	11.5%	10.3%	$9,105	$11,498	$10,301	$4,327	$5,974
Load Management SOP	Nonresidential	1,220,532	7.4%	Low	1	3.8%	5.6%	$7,405	$3,833	$5,619	$2,360	$3,259
SCORE/CitySmart MTP	Nonresidential	3,727,778	22.7%	Medium	3	11.5%	17.1%	$22,615	$11,498	$17,057	$7,164	$9,892
Open for Small Business MTP	Nonresidential	7,278	0.0%	Medium	3	11.5%	5.8%	$44	$11,498	$5,771	$2,424	$3,347
High-Performance Homes MTF	Residential	1,461,798	8.9%	Medium	3	11.5%	10.2%	$8,868	$11,498	$10,183	$4,277	$5,906
Residential SOP	Residential	7,237,601	44.1%	High	5	19.2%	31.6%	$43,908	$19,164	$31,536	$13,246	$18,290
Hard-to-Reach SOP	Hard-to-Reach	780,229	4.7%	Medium	3	11.5%	8.1%	$4,733	$11,498	$8,116	$3,409	$4,707
Low-Income Weatherization	Hard-to-Reach	490,196	3.0%	High	5	19.2%	11.1%	$2,974	$19,164	$11,069	$4,649	$6,420
Total		**16,426,166**	**100%**		**26**	**100%**	**100%**	**$99,652**	**$99,652**	**$99,652**	**$41,857**	**$57,794**

Program	Sector	2014 kWh	kWh %	Priority	Priority Weight	Priority %	Blended %	kWh Cost	Priority Cost	Blended Cost	CY2014	CY2015
Large Commercial SOP	Nonresidential	4,993,200	46.7%	High	5	18.5%	32.6%	$27,815	$11,026	$19,421	$8,157	$11,263
Small Commercial SOP	Nonresidential	659,920	6.2%	High	5	18.5%	12.3%	$3,676	$11,026	$7,351	$3,088	$4,263
Load Management SOP	Nonresidential	0	0.0%	Low	1	3.7%	1.9%	$0	$2,205	$1,103	$463	$639
Retro-commissioning MTP	Nonresidential	1,976,256	18.5%	Medium	3	11.1%	14.8%	$11,009	$6,616	$8,812	$3,701	$5,111
Residential SOP	Residential	1,812,524	17.0%	High	5	18.5%	17.7%	$10,097	$11,026	$10,562	$4,436	$6,125
Hard-to-Reach SOP	Hard-to-Reach	1,036,600	9.7%	Medium	3	11.1%	10.4%	$5,774	$6,616	$6,195	$2,602	$3,593
Low-Income Weatherization	Hard-to-Reach	210,240	2.0%	High	5	18.5%	10.2%	$1,171	$11,026	$6,099	$2,562	$3,537
Total		**10,688,740**	**100%**		**27**	**100%**	**100%**	**$59,542**	**$59,542**	**$59,542**	**$25,010**	**$34,532**

TO: Katie Rich and Therese Harris, Public Utility Commission of Texas (PUCT)

FROM: Lark Lee and Dan Belknap, Evaluation, Measurement and Verification (EM&V) team

SUBJECT: EM&V Program Year (PY) 2014 Cost Allocation

DATE: April 14, 2014

This memo describes the methodology recommended by the evaluation team to allocate EM&V costs to individual utility programs for PY2014. This methodology applies to cost allocations for energy efficiency cost recovery factors (EECRFs) as well as the evaluation team's cost-effectiveness testing. This is the same methodology that was used to allocated PY2012 and PY2013 EM&V costs.

Background

The evaluation budget for all utilities is just over $3 million for PY2014. Each utility pays a portion of the total EM&V cost as agreed to between the Electric Utility Marketing Managers of Texas (EUMMOT) and the PUCT. These costs are recoverable by the utilities within their EECRFs, but a finer level of detail is needed to accurately distribute and recover the costs.

Both the EM&V team's cost-effectiveness and the EECRFs need to assess annual program costs. Therefore each utility's total program year EM&V costs must be further allocated to individual programs and across calendar years. Because of the shared costs in the EM&V infrastructure, it is not feasible to track costs for individual utility programs. Therefore, the evaluation team developed the methodology detailed below to allocate costs at the utility program level based on evaluation prioritization.

Approach

The costs associated with evaluating a program are approximately mirrored by the size and complexity of the program. At the end of this memo is the EM&V team's proposed prioritization of EM&V resources across programs taking into account the contribution of each program to portfolio savings; the expected contribution of that program to the future portfolio; the program stage; and targeted research needs of the programs. Programs were categorized as high, medium and low priority. The high priority programs will receive the most robust evaluation efforts with low priority programs receiving the least level of effort.

For the cost allocation to reflect the EM&V level of effort, the EM&V team developed a methodology to allocate costs based on a combination of energy savings and the assigned evaluation priority. The EM&V team chose to use energy savings (kWh) over demand savings (kW) to reflect the EM&V focus on the energy efficiency programs where there is more uncertainty of savings as opposed to the load management programs where there is less uncertainty of savings. Allocating costs only based on energy savings would not recognize that lower-saving programs may receive a higher level of evaluation effort. Conversely, allocating costs based solely on evaluation priority would not recognize differences in the size of programs, which also increases the evaluation level of effort with increased sample sizes. The details of the calculations are discussed next.

Calculations

The EM&V team used the following steps to allocate costs:

- calculated the energy savings of each program as a percent of the overall portfolio

- assigned priority 'points' using a five point scale:
  - high priority programs receive five points
  - medium priority programs receive three points, and
  - low priority programs receive one point
- calculated a priority weight based on a program's percent contribution to the total priority points for the utility's portfolio.
- averaged the savings percentage and the priority weight to arrive at the percent of portfolio EM&V costs attributed to that program.

An example is shown in Table 1 below. The separate excel spreadsheet, PY2014 EM&V cost allocations, details the calculations and allocation for each utility for PY2014. The highlighted 'blended cost' column in each utility sheet are the recommended values to use based on savings and evaluation priority as discussed in this memo. For budgeting purposes, this is the best estimate of the PY2014 EM&V expenses.

Table 1. Example of Cost Allocation Methodology

Program	MWh	% of Portfolio kWh	Priority	Priority Points	% of Portfolio Points (Priority weight)	Average of kWh % and Priority %	Cost Allocation
Commercial SOP	3,500	30.3%	High	5	23.8%	27.0%	$67,611
Load Management	4	0.0%	Low	1	4.8%	2.4%	$5,996
Residential New Homes	780	6.7%	Medium	3	14.3%	10.5%	$26,292
Residential SOP	5,000	43.3%	High	5	23.8%	33.5%	$83,832
Energy Wise MTP	125	1.1%	Low	1	4.8%	2.9%	$7,304
Hard-to-Reach MTP	1,400	12.1%	Medium	3	14.3%	13.2%	$32,997
Low Income MTP	750	6.5%	Medium	3	14.3%	10.4%	$25,968
Total	**11,559**	**100%**		**21**	**100%**	**100%**	**$250,000**

Proposed Prioritization by Program Type

Below is the EM&V team's proposed prioritization by program type. This is based on the criteria discussed above and informed by the PY2012 and PY2013 EM&V research.

Table 2. Evaluation Prioritization by Program Type

Program Type	Percentage of PY 2012 Claimed Savings (kW/kWh)	Percentage of 2013 Projected Savings (kW/kWh)	Percentage of 2014 Projected Savings (kW/kWh)	Importance to Future Portfolios	PY2012 – 2013 Evaluation Priority	PY2014 Evaluation Priority
CitySmart/SCORE/ Schools/Government	4%/11%	5%/12%	3%/8%	High	High	Medium
Commercial SOP	8%/34%	10%/37%	13%/41%	High	High	High
Residential SOP	8%/22%	8%/19%	9%/18%	High	High	High
A/C Programs (Distributor and CoolSaver AC Tune-up (Res and Nonres))	1%/2%	1%/3%	1%/2%	Medium	Medium	Medium
Commercial Solutions	2%/6%	2%/6%	2%/6%	High	Medium	Medium
ENERGY STAR® New Homes	3%/7%	2%/3%	3%/4%	Medium	Medium	Medium
Hard-to-Reach SOP	4%/11%	3%/8%	4%/8%	Medium	Medium	Medium
Home Performance with ENERGY STAR MTP	0%/0%	1%/1%	0%/0%	Medium	Medium	Low
Low Income Programs	0%/1%	1%/1%	1%/2%	High	Medium	High
Retail Electric Provider Pilot	0%/0%	1%/1%	1%/1%	Medium	Low	Medium
Residential Solutions	0%/0%	0%/0%	0%/0%	Medium	Medium	Medium
Retro-commissioning SOP	0%/1%	1%/2%	1%/2%	Medium	Medium	Medium
Small Business DI	0%/0%	0%/1%	0%/1%	Medium	Medium	Medium
P/V Solar Pilot MTP/SMART SOURCE PV Pilot (Res and Nonres)	0%/0%	2%/3%	3%/3%	Low	Medium	Low

Program Type	Percentage of PY 2012 Claimed Savings (kW/kWh)	Percentage of 2013 Projected Savings (kW/kWh)	Percentage of 2014 Projected Savings (kW/kWh)	Importance to Future Portfolios	PY2012 – 2013 Evaluation Priority	PY2014 Evaluation Priority
Advanced Lighting Pilot (Res and Nonres)	0%/1%	0%/1%	0%/1%	Low	Low	Low
Appliance Rebate	NA	0%/0%	0%/0%	Low	Low	Low
Appliance Recycling	0%/0%	0%/0%	0%/0%	Low	Low	Medium
Commercial Load Management SOP	68%/0%	63%/0%	0%/0%	Medium	Medium	Low
Education Kit Programs (Energy Wise, LivingWise)	0%/1%	0%/1%	0%/1%	Low	Low	Low
Energy Ambassador Outreach Nonresource Program (Res and Nonres)	0%/0%	0%/0%	0%/0%	Low	Low	Low
Informational (On-line Home Energy Check-up, Behavior Pilot)	0%/0%	0%/0%	0%/0%	Low	Low	Low
Water and Space Heating (Res, HTR, and Nonres)	0%/0%	0%/0%	0%/1%	Low	Low	Medium

Lloyd Gosselink
ATTORNEYS AT LAW

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Austin, Texas 78701
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February 21, 2014

Gulf Coast Coalition of Cities
Attn Caroline Kelley
City of Missouri City
1522 Texas Parkway
Missouri City, TX USA 77489

Invoice:	97452601
Client:	1720
Matter:	19
Billing Attorney:	TLB

INVOICE SUMMARY

For professional services and disbursements rendered through January 31, 2014:

RE: PUC Docket No 41540 EECRF

Professional Services	$ .00
Total Disbursements	$ .00
TOTAL THIS INVOICE	**$ .00**
Previous Balance	$ 17,388.91
TOTAL BALANCE DUE	**$ 17,388.91**

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Lloyd Gosselink Rochelle & Townsend, P.C.

Gulf Coast Coalition of Cities
PUC Docket No 41540 EECRF
I.D.1720-19-TLB

February 21, 2014
Invoice: 97452601

TOTAL THIS INVOICE	**$ .00**

Lloyd Gosselink Rochelle & Townsend, P.C.

Gulf Coast Coalition of Cities
PUC Docket No 41540 EECRF
I.D.1720-19-TLB

February 21, 2014
Invoice: 97452601

OUTSTANDING INVOICES

INVOICE NUMBER	DATE	INVOICE TOTAL	PAYMENTS RECEIVED	ENDING BALANCE
62291	6/12/13	363.00	.00	363.00
97446460	7/22/13	4,158.25	.00	4,158.25
97447392	8/15/13	10,258.09	.00	10,258.09
97447931	9/24/13	2,609.57	.00	2,609.57

Previous Balance	$ 17,388.91
Balance Due This Invoice	$ .00
TOTAL BALANCE DUE	**$ 17,388.91**

Docket No. 41540 - CNP EECRF -
GCCC's Rate Case Expenses

	Invoice Date	Invoice No.	Billing Period	Through Period	Invoice Amount	Total Billed to Date	
Lloyd Gosselink + Consultant	6/12/13	62291	5/1/2013	5/31/2013	$363.00	$363.00	
	7/22/13	97446460	6/1/13	6/30/13	$4,158.25	$4,521.25	
	8/15/13	97447392	7/1/13	7/31/13	$10,258.09	$14,779.34	
	9/24/13	97447931	8/1/13	8/31/13	$2,609.57	$17,388.91	
						Total LG + Consultant:	**$17,388.91**
Resolved Energy	6/11/13	3281	5/23/13	5/31/13	$412.50	$412.50	
	7/8/13	3289	6/1/13	6/30/13	$4,492.50	$4,905.00	
	8/8/13	3304	7/1/13	7/30/13	$3,312.50	$8,217.50	
						Total Resolved:	**$8,217.50**
Lloyd Gosselink	6/12/13	62291	5/1/2013	5/31/2013	$363.00	$363.00	
	7/22/13	97446460	6/1/13	6/30/13	$3,745.75	$4,108.75	
	8/15/13	97447392	7/1/13	7/31/13	$2,453.09	$6,561.84	
	9/24/13	97447931	8/1/13	8/31/13	$2,609.57	$9,171.41	
						Total LG:	**$9,171.41**

Lloyd Gosselink
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June 12, 2013
Invoice 62291

Gulf Coast Coalition of Cities
Attn Caroline Kelley
City Attorney
City of Missouri City
1522 Texas Parkway
Missouri City, TX 77489

ID: 1720-0019 - TLB
Re: PUC Docket No 41540 EECRF

For Services Rendered Through May 31, 2013

Current Fees	363.00	
Total Current Charges		363.00
	Total Due	363.00

Lloyd Gosselink Rochelle & Townsend, P.C.

Gulf Coast Coalition of Cities	June 12, 2013
Re: PUC Docket No 41540 EECRF	Invoice 62291
I.D. 1720-0019 - TLB	Page 2

Fees

Date	Atty	Description	Hours
05/31/13	MAL	Draft engagement agreement; draft memo to clients regarding EECRF filing.	1.40
05/31/13	HNP	Proofread consultant engagement agreement; print and distribute EECRF filing to attorneys; print and distribute protective order certifications.	0.40
		Totals	**1.80**

Fee Recap

		Hours	Rate/Hour	Amount
Melissa A Long	Associate	1.40	225.00	315.00
Holly N Paxton	Paralegal	0.40	120.00	48.00
	Totals	**1.80**		**363.00**

Total Fees and Disbursements	363.00
Total Current Charges	363.00