



MEMORANDUM

TO: Low Income Consumer Advisory Task Force

FROM: Liz Jambor, Customer Energy Solutions

DATE: August 21, 2015

SUBJECT: Response to Lanetta Cooper's Questions for August 7 Meeting

During the August 7 Low Income Advisory Task Force (LICATF) meeting, Lanetta Cooper submitted questions for AE staff response. The questions and related responses follow. Please note that when mapping program data, premise addresses are used. Should a mailing address be captured that is outside of the AE service territory, it is not mapped. The majority of the responses are related to data provided to the Austin American Statesman in terms of program reach by zip code.

Zip code data cannot be read in isolation because there are other factors to consider such as the overall population of the zip code, housing stock, and the percent of poverty per zip code. Statistically, many of the zip codes for population, percent poverty and rebates are within the norm. It is not a universality that "wealthier residents" get more in rebates than other customers. Additional factors, such as dwelling type, age of home and home ownership, play into the eventual participation in rebate programs. For example, a zip code dense with multifamily properties may "map" into a lower participation rate because the property with multiple apartment units is counted as one rebate (for a commercial customer) when the one rebate has actually served hundreds of residential customers. Overall, the programs are meeting the needs of our customers based on their ability and need to participate.

Date: August 5, 2015

Request for Information

The following questions relate to a geographical map on "rebate money paid out" attributed to Austin Energy that was published in the Austin American Statesman. A copy of that article is attached with this request for further clarification. When information is requested by zip code, please identify and list the zip code(s) by number.

1. Over what time period(s) were these rebates paid out?
2. Over the time period what was the total amount of rebates paid out that are represented on the map?
3. Were any of the rebates reflected on the geographical map commercial (including multi-family) rebates?
4. If the answer to No. 3 is yes, please provide for each zip code the total amount of commercial rebates reflected on the map that was paid out during the respective time period(s).
5. For each zip code, please provide the total amount of rebates reflected on the map that was paid out. (i.e. 78704--\$10 million).
6. Were any of the rebates referred to on the map paid for with Department Of Energy ("D.O.E.") funds? (i.e. the weatherization grants A.E. received from the Texas Department of Housing and Community Affairs) or other third party funding?
7. If the answer to No. 6 is yes, please provide the total amount of rebate monies paid out for each zip code that were ultimately funded with D.O.E. grant monies or some other third party funding during the same time period relied upon in the map.
8. Does any of the rebate monies paid out that are referred to in the map involve AE expenditures on solar projects funded through the energy efficiency program?
9. If the answer to No. 8 is yes, for each zip code please identify the total amount of AE expenditures on solar projects out of the total rebate monies paid out reflected on the map.
10. If the answer is no, please provide for each zip code, the total amount of AE expenditures paid out of the EE budget that were spent on solar projects for the same time period(s) as reflected on the map.
11. Do any of the rebate monies paid out referred to in the map involve AE expenditures on green building projects funded out of the EE budget?
12. If the answer to No. 11 is yes, please identify for each zip code the total amount of AE expenditures out of the "total rebates paid out" that were spent on green building projects funded out of the EE budget.

13. If the answer to No. 11 is no, please provide by zip code the total amount of AE expenditures paid out of the EE budget that were spent on green building projects funded out of the EE budget for the same time period referenced in the map.
14. Does any of the rebate monies paid out referenced in the map involve A.E. expenditures on demand management programs/projects funded out of the EE budget?
15. If the answer to No. 14 is yes, for each zip code please identify the total amount of AE expenditures out of the "total rebates paid out" that were spent on demand management projects funded out of the EE budget.
16. If the answer to No. 14 is no, please provide by zip code the total amount of AE expenditures paid out of the EE budget for demand management projects/programs for the same time period as used for the map.
17. Was any of the "rebate monies paid out" referred to in the map funded with CAP funds out of the CAP budget (as opposed to the EE budget)?
18. If the answer to No. 17 is yes, for each zip code, please provide the total amount of the "rebate monies paid out" referenced in the map that were funded out of the CAP budget.
19. Please provide the total amount of AE expenditures out of EE budget that were spent for each of the following programs during the same time period(s) used in the map:
 - a. Demand management programs/projects;
 - b. Solar projects/programs funded with the energy efficiency rate;
 - c. Green building programs/projects; and
 - d. Commercial programs/projects
 - e. Rebates
20. Please provide by zip code the total, non-CAP, residential energy efficiency program rebates paid out in FY 2014 by AE.
21. Please provide by zip code the total amount of AE expenditures on solar that were funded with energy efficiency rates in FY 2014.
22. Please provide by zip code the total amount of AE expenditures on green building projects funded with energy efficiency rates in FY 2014.
23. Please provide by zip code the total amount of AE expenditures on multi-family rebates that were funded with energy efficiency rates in FY 2014.
24. Please provide by zip code the total amount of AE expenditures on demand management programs funded with energy efficiency rates in FY 2014.
25. Please provide by zip code the total amount of AE expenditures on commercial rebates (excluding multi-family) that were funded with energy efficiency rates.
26. Please provide by zip code the total amount of AE expenditures on rebates funded with CAP rates in FY 2014.

Reponses

1. The time periods varied by program but covered from program inception through 2014. Data was based on residential programs only. Please note that data provided on map may not be complete program data but only data that could be mapped accurately.
2. The map captured unaudited rebate data from program inceptions through 2014 and totaled \$181,189,101. Please note that data provided on the map may not be complete program data but only data that could be mapped accurately and where financial records exist (for example, for the period 1982 – 1995, there is not separate accounting for low income weatherization, or other programs).
3. No non multifamily commercial rebates were included.
4. NA
5. See table of unaudited data below. Please note that data provided on the map may not be complete program data but only data that could be mapped accurately and where financial records exist.

ZipCode	Incentives/Rebates	ZipCode	Incentives/Rebates
78610	\$ 660	78731	\$ 8,344,968
78613	\$ 29,019	78732	\$ 5,112,232
78617	\$ 697,521	78733	\$ 4,006,220
78645	\$ 2,203	78734	\$ 2,281,669
78652	\$ 16,890	78735	\$ 3,828,458
78653	\$ 110,978	78736	\$ 2,011,436
78660	\$ 3,001,696	78737	\$ 20,868
78701	\$ 340,956	78738	\$ 1,883,944
78702	\$ 5,123,101	78739	\$ 240,457
78703	\$ 4,644,209	78741	\$ 2,267,374
78704	\$ 7,003,461	78742	\$ 102,210
78705	\$ 1,375,206	78744	\$ 3,775,846
78709	\$ 2,509	78745	\$ 15,716,350
78717	\$ 214,675	78746	\$ 9,364,951
78718	\$ 4,290	78747	\$ 1,903,417
78719	\$ 10,133	78748	\$ 9,998,353
78720	\$ 250	78749	\$ 12,398,438
78721	\$ 2,217,678	78750	\$ 3,080,169
78722	\$ 1,249,585	78751	\$ 4,736,208
78723	\$ 7,383,030	78752	\$ 1,477,192
78724	\$ 2,875,044	78753	\$ 5,680,926
78725	\$ 966,545	78754	\$ 1,452,912
78726	\$ 141,148	78755	\$ 2,840
78727	\$ 6,721,212	78756	\$ 1,461,604
78728	\$ 1,070,468	78757	\$ 4,888,993
78729	\$ 9,991,588	78758	\$ 5,898,244
78730	\$ 3,002,069	78759	\$ 11,056,696

6. Yes, there are ARRA grants accounted for on the map.
7. See table of unaudited data below. Please note that data provided on map may not be complete program data but only data that could be mapped accurately and where financial records exist.

ZIP	Job Cost	ZIP	Job Cost
78617	\$ 19,528	78735	\$ 7,776
78653	\$ 3,304	78736	\$ 5,084
78660	\$ 21,829	78738	\$ 990
78702	\$ 951,968	78741	\$ 156,752
78703	\$ 14,594	78744	\$ 252,497
78704	\$ 205,259	78745	\$1,416,757
78705	\$ 5,536	78746	\$ 8,309
78721	\$ 451,621	78747	\$ 8,018
78722	\$ 85,396	78748	\$ 340,329
78723	\$ 817,889	78749	\$ 27,315
78724	\$ 200,578	78750	\$ 21,937
78725	\$ 73,889	78751	\$ 6,864
78727	\$ 40,691	78752	\$ 98,741
78728	\$ 10,250	78753	\$ 379,760
78729	\$ 15,070	78754	\$ 9,343
78731	\$ 3,770	78756	\$ 33,437
78732	\$ 9,214	78757	\$ 474,884
78733	\$ 5,530	78758	\$ 141,621
78734	\$ 5,586	78759	\$ 26,325

8. None of the solar projects on the map were funded through the energy efficiency program.
9. NA
10. None of the solar projects on the map were funded through the energy efficiency program.
11. No Green Building projects were reflected on the map.
12. NA
13. No Green Building projects are funded out of the energy efficiency rebate budget.
14. Yes. The only DR program reflected on the map was the radio thermostat program, also known as the "free thermostat program".
15. See table of unaudited data below. Please note that data provided on map may not be complete program data but only data that could be mapped accurately and where financial records exist.

Zip Code	Costs	Zip Code	Costs
78613	\$ 430	78733	\$ 52,890
78617	\$ 36,980	78734	\$ 49,880
78652	\$ 430	78735	\$ 92,665
78653	\$ 3,225	78736	\$ 35,260
78660	\$ 53,320	78738	\$ 10,965
78701	\$ 27,950	78739	\$ 2,150
78702	\$ 121,905	78741	\$ 583,725
78703	\$ 246,175	78742	\$ 3,010
78704	\$ 625,650	78744	\$ 454,295
78705	\$ 343,785	78745	\$ 1,033,505
78717	\$ 101,910	78746	\$ 387,645
78719	\$ 215	78747	\$ 117,820
78721	\$ 74,390	78748	\$ 448,920
78722	\$ 66,435	78749	\$ 619,845
78723	\$ 472,785	78750	\$ 141,470
78724	\$ 92,450	78751	\$ 283,585
78725	\$ 31,820	78752	\$ 210,915
78726	\$ 47,515	78753	\$ 849,035
78727	\$ 307,665	78754	\$ 95,890
78728	\$ 150,715	78756	\$ 58,910
78729	\$ 635,755	78757	\$ 253,700
78730	\$ 83,635	78758	\$ 906,225
78731	\$ 549,970	78759	\$ 1,199,055
78732	\$ 18,060		

16. NA
17. All funds reported on the map were energy efficiency funds only.
18. NA
19. This is not possible to answer as the data is not consistent across programs. Providing total expenditures for the programs would not contain the same data as was provided in the map. Financial expenditures are not tracked by zip code but by general ledger code.
20. See table of unaudited FY14 residential rebate data below. Please note that data provided may not be complete program data but data that could be mapped to a zip code accurately.

Zip Code	Residential Rebate	Zip Code	Residential Rebate
78610	\$ 494	78731	\$ 132,985
78613	\$ 7,359	78732	\$ 38,350
78617	\$ 5,100	78733	\$ 49,085
78619	\$ 350	78734	\$ 50,652
78641	\$ 27,375	78735	\$ 88,135
78652	\$ 28,858	78736	\$ 12,900
78653	\$ 1,450	78737	\$ 500
78660	\$ 530,576	78738	\$ 64,153
78665	\$ 400	78739	\$ 1,900
78681	\$ 17,457	78741	\$ 11,650
78701	\$ 4,150	78742	\$ 250
78702	\$ 14,645	78744	\$ 34,288
78703	\$ 79,020	78745	\$ 601,318
78704	\$ 74,735	78746	\$ 197,644
78705	\$ 10,895	78747	\$ 22,285
78717	\$ 750	78748	\$ 288,992
78721	\$ 8,850	78749	\$ 144,486
78722	\$ 5,005	78750	\$ 36,535
78723	\$ 261,692	78751	\$ 18,905
78724	\$ 136,074	78752	\$ 967,829
78725	\$ 3,850	78753	\$ 250,793
78726	\$ 150	78754	\$ 6,950
78727	\$ 51,815	78756	\$ 61,707
78728	\$ 216,824	78757	\$ 435,813
78729	\$ 44,180	78758	\$ 263,314
78730	\$ 41,650	78759	\$ 150,850

21. See table of unaudited FY14 solar rebate data below. Please note that data provided may not be complete program data but only data that could be mapped to a zip code accurately.

Zip Code	Solar Rebate	Zip Code	Solar Rebate
78617	\$6,105.60	78735	\$260,723.11
78653	\$30,000.00	78736	\$99,065.87
78660	\$19,869.10	78738	\$409,949.34
78702	\$94,989.16	78741	\$51,806.33
78703	\$235,218.61	78742	\$10,857.60
78704	\$326,926.11	78744	\$85,019.20
78705	\$24,907.20	78745	\$251,986.06
78717	\$19,151.13	78746	\$511,911.14
78721	\$27,493.32	78747	\$285,147.87
78722	\$27,106.38	78748	\$262,476.60
78723	\$201,671.58	78749	\$215,673.89
78724	\$93,147.17	78750	\$91,522.80
78725	\$86,888.96	78751	\$22,356.64
78727	\$227,481.73	78752	\$4,217.06
78728	\$17,974.95	78753	\$82,602.80
78729	\$66,785.87	78754	\$97,511.50
78730	\$301,717.33	78756	\$47,704.78
78731	\$373,365.41	78757	\$54,046.20
78732	\$690,850.62	78758	\$90,202.72
78733	\$399,941.36	78759	\$449,226.92
78734	\$303,360.75		

22. There are no FY14 Green Building projects that receive rebates or incentives exclusively from Green Building. Any Green Building projects would have been accounted for in the Commercial rebates. While Green Building (AEGB) does provide performance modeling incentives to commercial properties that go through the program, AEGB projects do not entail rebate. The CBC includes staff time spent providing technical support on residential and commercial green building projects and is not tracked by zip code.
23. See table of unaudited FY14 multifamily rebate data below. Please note that data provided may not be complete program data but only data that could be mapped to a zip code accurately.

ZipCode	Rebate
78702	\$34,169.20
78703	\$30,299.00
78704	\$112,995.00
78705	\$196,760.00
78717	\$120,878.00
78722	\$9,488.00
78723	\$3,400.00
78729	\$133,499.00
78730	\$170,225.30
78741	\$277,361.10
78744	\$1,400.00
78745	\$58,349.00
78746	\$122,053.15
78748	\$4,525.00
78750	\$225,968.90
78751	\$98,825.85
78752	\$258,811.05
78753	\$321,040.55
78756	\$6,500.00
78757	\$153,226.00
78758	\$25,645.00
78759	\$222,503.50

24. See table of unaudited FY14 demand management rebate data below. Please note that data provided may not be complete program data but only data that could be mapped to a zip code accurately.

Zip Code	DR Rebates	Zip Code	DR Rebates
78613	\$ 765	78732	\$ 12,665
78617	\$ 3,480	78733	\$ 4,505
78652	\$ 170	78734	\$ 7,395
78660	\$ 1,615	78735	\$ 10,625
78664	\$ 170	78736	\$ 3,400
78701	\$ 58,431	78737	\$ 170
78702	\$ 10,285	78738	\$ 12,215
78703	\$ 13,345	78739	\$ 340
78704	\$ 29,580	78741	\$ 6,205
78705	\$ 3,315	78742	\$ 24,624.68
78709	\$ 85	78744	\$ 15,378
78713	\$ 85	78745	\$ 19,885
78714	\$ 85	78746	\$ 29,041
78717	\$ 1,020	78747	\$ 4,930
78720	\$ 170	78748	\$ 54,368
78721	\$ 3,665	78749	\$ 52,253
78722	\$ 2,890	78750	\$ 6,885
78723	\$ 14,974	78751	\$ 35,957
78724	\$ 11,729	78752	\$ 5,166
78725	\$ 935	78753	\$ 20,949
78726	\$ 340	78754	\$ 5,440
78727	\$ 11,645	78755	\$ 255
78728	\$ 1,275	78756	\$ 4,165
78729	\$ 26,408	78757	\$ 18,275
78730	\$ 8,755	78758	\$ 20,646
78731	\$ 17,255	78759	\$ 20,731

25. See table of unaudited FY14 commercial rebate data below. Please note that data provided may not be complete program data but only data that could be mapped to a zip code accurately.

Zip Code	Commercial Rebate	Zip Code	Commercial Rebate
78613	\$17,158.75	78733	\$9,757.81
78617	\$30,357.35	78734	\$13,681.67
78660	\$98,979.17	78735	\$141,114.53
78701	\$303,642.50	78736	\$9,256.10
78702	\$141,114.94	78738	\$38,942.79
78703	\$19,684.23	78739	\$300.00
78704	\$273,970.79	78741	\$181,115.43
78705	\$103,556.01	78744	\$252,158.33
78708	\$902.83	78745	\$368,632.54
78717	\$21,324.38	78746	\$320,745.15
78719	\$18,713.73	78747	\$23,035.23
78721	\$11,334.47	78748	\$51,981.11
78722	\$53,707.27	78749	\$21,926.12
78723	\$97,962.56	78750	\$63,349.12
78724	\$60,362.99	78751	\$57,190.83
78725	\$11,042.46	78752	\$245,128.72
78726	\$1,656.49	78753	\$499,004.61
78727	\$188,145.86	78754	\$145,427.01
78728	\$41,002.45	78756	\$36,090.08
78729	\$91,133.69	78757	\$244,822.29
78730	\$69,406.07	78758	\$656,859.11
78731	\$47,960.84	78759	\$195,582.95
78732	\$12,452.61		

26. See table of unaudited FY14 CAP fund data below. Please note that data provided may not be complete program data but only data that could be mapped to a zip code accurately.

Zip Code	Weatherization CAP Funds	Zip Code	Weatherization CAP Funds
78617	\$37,549.70	78741	\$21,855.10
78653	\$11,829.74	78744	\$189,153.90
78660	\$24,084.89	78745	\$121,958.99
78702	\$58,750.46	78746	\$1,083.36
78704	\$5,610.85	78747	\$13,186.90
78721	\$36,397.97	78748	\$42,317.09
78723	\$141,912.24	78749	\$1,650.77
78724	\$148,515.85	78750	\$14,988.48
78725	\$43,100.00	78752	\$14,119.14
78727	\$31,182.48	78753	\$72,615.93
78729	\$47,563.41	78754	\$34,177.65
78731	\$4,376.00	78757	\$26,758.48
78732	\$7,344.14	78758	\$73,637.85
78734	\$16,815.10	78759	\$11,486.05
78736	\$14,272.83		