

NORTH CAROLINA PUBLIC STAFF UTILITIES COMMISSION



September 1, 2009

Ms. Renné C. Vance North Carolina Utilities Commission 4325 Mail Service Center Raleigh, North Carolina 27699-4325

> RE: Docket No. E-7, Sub 831 Duke Energy Carolinas, LLC

Dear Ms. Vance:

On August 28, 2009, Duke Energy Carolinas, LLC (Duke), filed its Late-Filed Exhibits in the above-referenced docket. The proposed allocation methodology is not settled in this proceeding. Therefore, the Public Staff has enclosed in this response to Duke's August 28, 2009 filing, Maness Exhibits 7 and 8, reflecting the Public Staff's proposed allocation methodology.

Yours very truly,

Kendrick C. Fentress

Staff Attorney

KCF/bll

Enclosures

cc: Parties of Record

Executive Director Transportation Communications **Economic Research** Legal 733-2435 733-2810 733-7766 733-2902 733-6110 Accounting **Consumer Services Electric Natural Gas** Water 733-4279 733-5610 733-9277 733-2267 733-4326

Docket No. E-7, Sub 831

NOMINAL TOTAL PROGRAM COSTS BY VINTAGE

NORTH CAROLINA RETAIL AMOUNTS - PER PUBLIC STAFF RECOMMENDED ALLOCATION FACTORS (\$ IN MILLIONS)

| No. | Item / Program Name | | | Costs (1) (3 |) | | | | | | | |
|-----|---------------------------------------------------|---------------------|--------|----------------|---------------|--------|--|--|--|--|--|--|
| | | | | Administration | | | | | | | | |
| | | Total | Year 1 | Year 2 | Year 3 | Year 4 | | | | | | |
| 1. | Total Administration | \$37.9 | \$4.4 | \$5.4 | \$10.6 | \$17.6 | | | | | | |
| | | | lm | plementatio | n / Assessm | ents | | | | | | |
| | | Total | Year 1 | Year 2 | Year 3 | Year 4 | | | | | | |
| 2. | Energy Efficiency Education Program for Schools | \$19.1 | \$1.6 | \$2.3 | \$5.6 | \$9.6 | | | | | | |
| 3. | Low Income Services | \$13.9 | \$1.1 | \$1.6 | \$3.8 | \$7.4 | | | | | | |
| 4. | Power Manager | \$0.6 | \$0.1 | \$0.1 | \$0.1 | \$0.1 | | | | | | |
| 5. | PowerShare | \$1.0 | \$0.4 | \$0.2 | \$0.2 | \$0.2 | | | | | | |
| 6. | Residential Energy Assessments | \$8.8 | \$1.2 | \$1.3 | \$2.6 | \$3.8 | | | | | | |
| 7. | Residential Smart Saver Energy Efficient Products | \$5.1 | \$1.2 | \$1.3 | \$1.1 | \$1.5 | | | | | | |
| В. | Smart Saver for Non-Residential Customers | \$15.4 | \$2.1 | \$2.2 | \$4.4 | \$6.6 | | | | | | |
| 9. | Total Implementation / Assessments | \$ 6 4.0 | | | | | | | | | | |
| | | | Inc | entives Paid | l to Particip | ants | | | | | | |
| | | Totai | Year 1 | Year 2 | Year 3 | Year 4 | | | | | | |
| 0. | Energy Efficiency Education Program for Schools | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | | | | | | |
| 1. | Low Income Services | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | | | | | | |
| 2. | Power Manager | \$16.9 | \$4.2 | \$4.2 | \$4.2 | \$4.2 | | | | | | |
| 3. | PowerShare | \$31.0 | \$2.7 | \$6.9 | \$10.7 | \$10.7 | | | | | | |
| 4. | Residential Energy Assessments | \$0.0 | \$0.0 | \$0.0 | \$0.0 | \$0.0 | | | | | | |
| 5. | Residential Smart Saver Energy Efficient Products | \$12.3 | \$1.9 | \$2.1 | \$3.2 | \$5.1 | | | | | | |
| 6. | Smart Saver for Non-Residential Customers | \$26.9 | \$3.4 | \$3.8 | \$7.8 | \$11.9 | | | | | | |
| 7. | Total Incentives Paid to Participants | \$87.1 | | | | | | | | | | |
| | | | | Total Prog | gram Costs | | | | | | | |
| | | Total | Year 1 | Year 2 | Year 3 | Year 4 | | | | | | |
| .8. | Total Program Costs (1) | \$189.0 | \$24.4 | \$31.6 | \$54.3 | \$78.7 | | | | | | |
| | | | Р | re-Tax Comp | any Incenti | ve | | | | | | |
| | | Total | Year 1 | Year 2 | Year 3 | Year 4 | | | | | | |
| 9. | Total Pre-tax Company Incentive (2) (4) | \$ 45.9 | \$ 9.4 | \$ 10.7 | \$ 11.8 | \$ 14. | | | | | | |

- (1) Total program costs are based on 100% achievement.
- (2) Pre-tax company incentive is equal to NC revenues less program costs, not including gross receipts tax or regulatory fee, at 100% achievement, and does not include net lost revenues.
- (3) Used the Public Staff's proposed allocation factor to calculate state specific costs:

68.3874% (a) Energy Efficiency (EE) Allocation

(NC Retail kWh Sales / System kWh Sales)

(b) Demand Side Management (DSM) Allocation

69.9278%

(NC Retail Peak Demand / System Peak Demand)

(4) Calculation of the Company's total pre-tax incentive using the Public Staff's proposed allocation methodology:

| Revenues Calculated from Maness Exhibit 2 at 85% Achievement | Y | ear 1 | Y | ear 2 | Y | ear 3 | Y | ear 4 |
|--------------------------------------------------------------|----|-------|----|-------|----|-------|----|-------|
| Residential Avoided Cost Revenue Requirement (5) | \$ | 11.5 | \$ | 14.5 | \$ | 22.5 | \$ | 31.2 |
| Non-Residential Avoided Cost Revenue Requirement (5) | \$ | 17.2 | \$ | 21.5 | \$ | 33.8 | \$ | 47.5 |
| Total Revenues at 85% Achievement | \$ | 28.7 | \$ | 35.9 | \$ | 56.3 | \$ | 78.8 |
| Revenues Increased to 100% Achievement | \$ | 33.8 | Ş | 42.2 | \$ | 66.2 | \$ | 92.7 |
| Less Total Program Costs | \$ | 24.4 | \$ | 31.6 | \$ | 54.3 | \$ | 78.7 |
| Pre-tax Company Incentive | \$ | 9.4 | \$ | 10.7 | \$ | 11.8 | \$ | 14.0 |

(5) Under the Public Staff's recommended allocation methodology, the revenues associated with each type of program are not assigned to the group of customers (residential or non-residential) for purposes of rider calculation. Instead, total EE revenues are allocated on the basis of customer group energy sales, and total DSM revenues are allocated on the basis of contribution to peak load. Please see Maness Exhibit 2 for the Public Staff's calculation of estimated annual riders.

Docket No. E-7, Sub 831

NOMINAL TOTAL AVOIDED COSTS BY VINTAGE

NORTH CAROLINA RETAIL AMOUNTS - PER PUBLIC STAFF RECOMMENDED ALLOCATION FACTORS

Energy Efficiency Allocation
Demand Side Management Allocation

0,6838736 0,6992775

| Nominal Avoided Capacity Costs by Vintage | Line | Projected Avoided Capacity and Energy Costs | _ | | | | | Yea | r | | | | All Ye | ars |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------|----|-------------|----|------------|----|------------|----|------------|----|------------|--------|--------|
| Energy Efficiency Education program for Schools \$ 24,871,971 \$ 1,934,866 \$ 2,933,154 \$ 7,305,306 \$ 12,698,644 100% | No. | Nominal Avoided Capacity Costs by Vintage | | Totai | | 1 | | . 2 | | 3 | | 4 | % EE | % D\$M |
| Energy Efficiency Education program for Schools 24,871,971 5 1,934,866 5 2,933,154 5 7,305,306 5 12,696,644 100% | | Basidantial Brazensu | | | | | | | | | | | | |
| Low Income Energy Efficiency and Weatherkration Assistance \$ 6,334,298 \$ 888,336 \$ 927,789 \$ 1,713,174 \$ 2,779,998 100% | | | • | 74 871 971 | • | 1 934 866 | • | 2 033 164 | • | 7 305 306 | c | 12 608 644 | 100% | |
| Residential Energy Assessments \$ 6,921_212 \$ 860,920 \$ 9,995.05 \$ 2,008,778 \$ 3,082_162 100% | _ | • • • • | č | | • | | • | | - | | - | | | |
| Second S | | | č | | | | | • - | • | | - | | | |
| Total Residential Energy Efficiency Avoided Capacity Costs | | | č | | | • | | • | • | | | | | |
| 7. Power Manager 7. Total Residential Avoided Capacity Costs 8. \$100,387,900 \$ 12,218,298 \$ 12,233,756 \$ \$ 12,836,850 \$ \$ 13,157,771 \$ 100% \$ 100,387,900 \$ 18,212,405 \$ 20,018,600 \$ 2 6,6457,594 \$ 35,699,299 \$ 100% \$ 100,387,900 \$ 18,212,405 \$ 20,018,600 \$ 2 6,6457,594 \$ 35,699,299 \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% | | • • • • | č | | | | | | • | | - | | 100% | |
| 8. Total Residential Avoided Capacity Costs \$ 100,387,900 \$ 18,212,405 \$ 20,018,602 \$ 26,457,594 \$ 35,699,299 9. Non-Residential Programs 10. Non-Residential Energy Assessments \$ 5,760,004 \$ 5,569,438 \$ 7,115,240 \$ 15,345,083 \$ 24,330,242 100% 11. Smart Saver® for Non-Residential Customers \$ 52,760,004 \$ 5,569,438 \$ 7,115,240 \$ 15,345,083 \$ 24,330,242 100% 12. Total Non-Residential Energy Efficiency Avoided Capacity Costs \$ 52,760,003 \$ 5,569,438 \$ 7,115,240 \$ 15,345,083 \$ 24,330,242 100% 13. Power Share® \$ 51,938,866 \$ 4,303,425 \$ 11,411,093 \$ 17,888,566 \$ 18,335,780 100% 14. Total Non-Residential Avoided Capacity Costs \$ 104,698,868 \$ 10,272,863 \$ 18,526,333 \$ 33,233,650 \$ 42,666,023 100% 15. Total Energy Efficiency Avoided Capacity Costs \$ 102,411,229 \$ 11,963,545 \$ 14,610,086 \$ 28,965,828 \$ 46,871,770 | | - | ž | | | | - | | • | | | | | 10094 |
| Non-Residential Programs Section | | | į | | | | | | • | | | | | 100% |
| Non-Residential Energy Assessments | О. | Total Residential Avoided Capacity Costs | • | 100,367,300 | • | 10,212,403 | • | 20,010,002 | , | 20,437,334 | • | 33,033,233 | | |
| 11. Smart \$aver® for Non-Residential Customers \$ 52,760,004 \$ 5,969,438 \$ 7,115,240 \$ 15,345,083 \$ 24,330,242 100% 12. Total Non-Residential Energy Efficiency Avoided Capacity Costs \$ 52,760,003 \$ 5,969,438 \$ 7,115,240 \$ 15,345,083 \$ 24,330,242 13. Power Share® \$ 51,938,866 \$ 4,303,425 \$ 11,411,093 \$ 17,888,566 \$ 18,335,780 100% 14. Total Non-Residential Avoided Capacity Costs \$ 104,698,868 \$ 10,272,863 \$ 18,526,333 \$ 33,233,650 \$ 42,666,023 15. Total Energy Efficiency Avoided Capacity Costs \$ 102,411,229 \$ 11,963,545 \$ 14,610,086 \$ 28,965,828 \$ 46,871,770 16. Total DSM Avoided Capacity Costs \$ 102,675,539 \$ 16,521,723 \$ 23,948,499 \$ 30,725,416 \$ 31,493,551 17. Total Avoided Capacity Costs \$ 205,086,768 \$ 28,485,268 \$ 38,544,935 \$ 59,691,244 \$ 78,365,321 18. Percent of Avoided Capacity Costs for Energy Efficiency Programs \$ 49.9% \$ 42.0% \$ 37.9% \$ 48.5% \$ 59.8% 19. Percent of Avoided Capacity Costs for DSM Programs \$ 50.1% \$ 58.0% \$ 62.1% \$ 51.5% \$ 40.2% 20. Nominal Avoided Energy Costs by Vintage 21. Residential Programs | 9. | Non-Residential Programs | | | | | | | | | | | | |
| 12. Total Non-Residential Energy Efficiency Avoided Capacity Costs \$ 52,760,003 \$ 5,969,438 \$ 7,115,240 \$ 15,345,083 \$ 24,330,242 \$ 13. Power Share* \$ 51,938,866 \$ 4,303,425 \$ 11,411,093 \$ 17,888,566 \$ 18,335,780 \$ 100% \$ 17,888,566 \$ 18,335,780 \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ 100% \$ | 10. | Non-Residential Energy Assessments | \$ | | \$ | - | \$ | - | \$ | - | Ş | _ | 100% | |
| 13. Power Share® \$ 51,938,866 \$ 4,303,425 \$ 11,411,093 \$ 17,888,566 \$ 18,335,780 100% 14. Total Non-Residential Avoided Capacity Costs \$ 104,698,868 \$ 10,272,863 \$ 18,526,333 \$ 33,233,650 \$ 42,666,023 15. Total Energy Efficiency Avoided Capacity Costs \$ 102,411,229 \$ 11,963,545 \$ 14,610,086 \$ 28,965,828 \$ 46,871,770 16. Total DSM Avoided Capacity Costs \$ 102,675,539 \$ 16,521,723 \$ 23,934,849 \$ 30,725,416 \$ 31,493,551 17. Total Avoided Capacity Costs \$ 205,086,768 \$ 28,485,268 \$ 38,544,935 \$ 59,691,244 \$ 78,365,321 18. Percent of Avoided Capacity Costs for Energy Efficiency Programs | 11. | Smart \$aver® for Non-Residential Customers | \$ | 52,760,004 | 5 | 5,969,438 | \$ | 7,115,240 | Ś | 15,345,083 | \$ | 24,330,242 | 100% | |
| 14. Total Non-Residential Avoided Capacity Costs \$ 10,698,868 \$ 10,272,863 \$ 18,526,333 \$ 33,233,650 \$ 42,666,023 15. Total Energy Efficiency Avoided Capacity Costs \$ 102,411,229 \$ 11,963,545 \$ 14,610,086 \$ 28,965,828 \$ 46,871,770 16. Total DSM Avoided Capacity Costs \$ 102,675,539 \$ 16,521,723 \$ 23,934,849 \$ 30,725,416 \$ 31,493,551 17. Total Avoided Capacity Costs for Energy Efficiency Programs \$ 49.9% \$ 42.0% \$ 37.9% \$ 48.5% \$ 59,691,244 \$ 78,365,321 18. Percent of Avoided Capacity Costs for DSM Programs \$ 49.9% \$ 50.1% \$ 58.0% \$ 62.1% \$ 51.5% \$ 40.2% 20. Nominal Avoided Energy Costs by Vintage 21. Residential Programs 22. Energy Efficiency Education program for Schools \$ 73,778,809 \$ 7,428,068 \$ 9,185,798 \$ 21,284,091 \$ 35,880,851 100% 23. Low Income Energy Efficiency and Weatherization Assistance \$ 35,076,516 \$ 5,077,891 \$ 5,390,437 \$ 9,366,492 \$ 15,241,695 100% 24. Residential Energy Assessments \$ 30,886,428 \$ 3,720,595 \$ 4,123,113 \$ 8,842,446 \$ 14,210,274 100% 25. Residential Energy Assessments \$ 197,709,786 \$ 28,542,331 \$ 13,476,860 \$ 11,455,299 \$ 19,710,100 100% 26. Total Residential Energy Efficiency Avoided Energy Costs \$ 197,709,786 \$ 28,542,331 \$ 32,176,207 \$ 51,948,328 \$ 85,042,919 27. Power Manager \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 12. | Total Non-Residential Energy Efficiency Avoided Capacity Costs | \$ | 52,760,003 | \$ | 5,969,438 | \$ | 7,115,240 | Ś | 15,345,083 | \$ | 24,330,242 | | |
| 15. Total Energy Efficiency Avoided Capacity Costs \$ 102,411,229 \$ 11,963,545 \$ 14,610,086 \$ 28,965,828 \$ 46,871,770 \$ 16. Total DSM Avoided Capacity Costs \$ 102,675,539 \$ 16,521,723 \$ 23,934,849 \$ 30,725,416 \$ 31,493,551 \$ 7 1,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 100,000 \$ 10 | 13. | Power Share® | \$ | 51,938,866 | \$ | 4,303,425 | \$ | 11,411,093 | \$ | 17,888,566 | \$ | 18,335,780 | | 100% |
| 16. Total DSM Avoided Capacity Costs \$ 102,675,539 \$ 16,521,723 \$ 23,934,849 \$ 30,725,416 \$ 31,493,551 17. Total Avoided Capacity Costs for Energy Efficiency Programs \$ 205,086,768 \$ 28,485,268 \$ 38,544,935 \$ 59,691,244 \$ 78,365,321 18. Percent of Avoided Capacity Costs for Energy Efficiency Programs \$ 49.9% \$ 42.0% \$ 37.9% \$ 48.5% \$ 59.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8% \$ 9.8 | 14. | Total Non-Residential Avoided Capacity Costs | \$ | 104,698,868 | \$ | 10,272,863 | \$ | 18,526,333 | \$ | 33,233,650 | \$ | 42,666,023 | | |
| 17. Total Avoided Capacity Costs \$ 205,086,768 \$ 28,485,268 \$ 38,544,935 \$ 59,691,244 \$ 78,365,321 18. Percent of Avoided Capacity Costs for Energy Efficiency Programs 49.9% 42.0% 37.9% 48.5% 59.8% 19. Percent of Avoided Capacity Costs for DSM Programs 50.1% 58.0% 62.1% 51.5% 40.2% 20. Nominal Avoided Energy Costs by Vintage 21. Residential Programs 22. Energy Efficiency Education program for Schools \$ 73,778,809 \$ 7,428,068 \$ 9,185,798 \$ 21,284,091 \$ 35,880,851 100% 23. Low Income Energy Efficiency and Weatherization Assistance \$ 35,076,516 \$ 5,077,891 \$ 5,390,437 \$ 9,366,492 \$ 15,241,695 100% 24. Residential Energy Assessments \$ 30,886,428 \$ 3,720,595 \$ 4,123,113 \$ 8,842,446 \$ 14,210,274 100% 25. Residential Smart Şaver® Energy Efficiency \$ 57,958,037 \$ 12,315,777 \$ 13,476,860 \$ 12,455,299 \$ 19,710,100 100% 26. Total Residential Energy Efficiency Avoided Energy Costs \$ 197,709,786 \$ 28,542,331 \$ 32,176,207 \$ 51,948,328 \$ 85,042,919 27. Power Manager \$. \$. \$. \$. \$. \$. \$. \$. \$. \$ | 15. | Total Energy Efficiency Avoided Capacity Costs | \$ | 102,411,229 | s | 11,963,545 | s | 14,610,086 | s | 28,965,828 | \$ | 46,871,770 | | |
| 18. Percent of Avoided Capacity Costs for Energy Efficiency Programs 49.9% 42.0% 37.9% 48.5% 59.8% 19. Percent of Avoided Capacity Costs for DSM Programs 50.1% 58.0% 62.1% 51.5% 40.2% 20. Nominal Avoided Energy Costs by Vintage 21. Residential Programs 22. Energy Efficiency Education program for Schools \$ 73,778,809 \$ 7,428,068 \$ 9,185,798 \$ 21,284,091 \$ 35,880,851 100% 23. Low Income Energy Efficiency and Weatherization Assistance \$ 35,076,516 \$ 5,077,891 \$ 5,390,437 \$ 9,366,492 \$ 15,241,695 100% 24. Residential Energy Assessments \$ 30,886,428 \$ 3,720,595 \$ 4,123,113 \$ 8,842,446 \$ 14,210,274 100% 25. Residential Smart Saver* Energy Efficiency \$ 57,958,037 \$ 12,315,777 \$ 13,476,860 \$ 12,455,299 \$ 19,710,100 100% 26. Total Residential Energy Efficiency Avoided Energy Costs \$ 197,709,786 \$ 28,542,331 \$ 32,176,207 \$ 51,948,328 \$ 85,042,919 27. Power Manager \$ • \$ • \$ • \$ • \$ • \$ • \$ • \$ • \$ • \$ | 16. | Total DSM Avoided Capacity Costs | \$ | 102,675,539 | \$ | 16,521,723 | \$ | 23,934,849 | \$ | 30,725,416 | \$ | 31,493,551 | | |
| 19. Percent of Avoided Capacity Costs for DSM Programs 50.1% \$8.0% 62.1% 51.5% 40.2% 20. Nominal Avoided Energy Costs by Vintage 21. Residential Programs 22. Energy Efficiency Education program for Schools \$73,778,809 \$7,428,068 \$9,185,798 \$21,284,091 \$35,880,851 100% 23. Low Income Energy Efficiency Education Assistance \$35,076,516 \$5,077,891 \$5,390,437 \$9,366,492 \$15,241,695 100% 24. Residential Energy Assessments \$30,896,428 \$3,720,595 \$4,123,113 \$8,842,446 \$14,210,274 100% 25. Residential Smart \$aver* Energy Efficiency \$57,958,037 \$12,315,777 \$13,476,860 \$12,455,299 \$19,710,100 100% 26. Total Residential Energy Efficiency Avoided Energy Costs \$197,709,786 \$28,542,331 \$32,176,207 \$51,948,328 \$85,042,919 27. Power Manager \$- \$ \$- \$ \$- \$ \$- \$ \$- \$ \$- \$ 100% | 17. | Total Avoided Capacity Costs | \$ | 205,086,768 | \$ | 28,485,268 | \$ | 38,544,935 | \$ | 59,691,244 | \$ | 78,365,321 | | |
| 19. Percent of Avoided Capacity Costs for DSM Programs 50.1% \$8.0% 62.1% 51.5% 40.2% 20. Nominal Avoided Energy Costs by Vintage 21. Residential Programs 22. Energy Efficiency Education program for Schools \$73,778,809 \$7,428,068 \$9,185,798 \$21,284,091 \$35,880,851 100% 23. Low Income Energy Efficiency Education Assistance \$35,076,516 \$5,077,891 \$5,390,437 \$9,366,492 \$15,241,695 100% 24. Residential Energy Assessments \$30,896,428 \$3,720,595 \$4,123,113 \$8,842,446 \$14,210,274 100% 25. Residential Smart \$aver* Energy Efficiency \$57,958,037 \$12,315,777 \$13,476,850 \$12,455,299 \$19,710,100 100% 26. Total Residential Energy Efficiency Avoided Energy Costs \$197,709,786 \$28,542,331 \$32,176,207 \$51,948,328 \$85,042,919 27. Power Manager \$0.5 \$- \$- \$- \$- \$- \$- \$- \$- \$- \$- \$- \$- \$- | 18. | Percent of Avoided Capacity Costs for Energy Efficiency Programs | | 49.9% | | 42.0% | | 37.9% | | 48.5% | | 59.8% | | |
| 21. Residential Programs 22. Energy Efficiency Education program for Schools \$ 73,778,809 \$ 7,428,068 \$ 9,185,798 \$ 21,284,091 \$ 35,880,851 100% 23. Low Income Energy Efficiency and Weatherization Assistance \$ 35,076,516 \$ 5,077,891 \$ 5,390,437 \$ 9,366,492 \$ 15,241,695 100% 24. Residential Energy Assessments \$ 30,896,428 \$ 3,720,595 \$ 4,123,113 \$ 8,842,446 \$ 14,210,274 100% 25. Residential Smart \$aver* Energy Efficiency \$ 57,958,037 \$ 12,315,777 \$ 13,476,860 \$ 12,455,299 \$ 19,710,100 100% 26. Total Residential Energy Efficiency Avoided Energy Costs \$ 197,709,786 \$ 28,542,331 \$ 32,176,207 \$ 51,948,328 \$ 85,042,919 27. Power Manager \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 19. | | | 50.1% | | 58.0% | | 62.1% | | 51.5% | | 40.2% | | |
| 21. Residential Programs 22. Energy Efficiency Education program for Schools \$ 73,778,809 \$ 7,428,068 \$ 9,185,798 \$ 21,284,091 \$ 35,880,851 100% 23. Low Income Energy Efficiency and Weatherization Assistance \$ 35,076,516 \$ 5,077,891 \$ 5,390,437 \$ 9,366,492 \$ 15,241,695 100% 24. Residential Energy Assessments \$ 30,896,428 \$ 3,720,595 \$ 4,123,113 \$ 8,842,446 \$ 14,210,274 100% 25. Residential Smart \$aver* Energy Efficiency \$ 57,958,037 \$ 12,315,777 \$ 13,476,860 \$ 12,455,299 \$ 19,710,100 100% 26. Total Residential Energy Efficiency Avoided Energy Costs \$ 197,709,786 \$ 28,542,331 \$ 32,176,207 \$ 51,948,328 \$ 85,042,919 27. Power Manager \$ • \$ • \$ • \$ • \$ • \$ • \$ • \$ • \$ 100% | 20. | Nominal Avoided Energy Costs by Vintage | | | | | | | | | | | | |
| 22. Energy Efficiency Education program for Schools \$ 73,778,809 \$ 7,428,068 \$ 9,185,798 \$ 21,284,091 \$ 35,880,851 100% 23. Low Income Energy Efficiency and Weatherization Assistance \$ 35,076,516 \$ 5,077,891 \$ 5,390,437 \$ 9,366,492 \$ 15,241,695 100% 24. Residential Energy Assessments \$ 30,896,428 \$ 3,720,595 \$ 4,123,113 \$ 8,842,446 \$ 14,210,274 100% 25. Residential Smart \$aver* Energy Efficiency \$ 57,958,037 \$ 12,315,777 \$ 13,476,860 \$ 12,455,299 \$ 19,710,100 100% 26. Total Residential Energy Efficiency Avoided Energy Costs \$ 197,709,786 \$ 28,542,331 \$ 32,176,207 \$ 51,948,328 \$ 85,042,919 27. Power Manager \$ • • \$ • • \$ • • \$ • • \$ • • \$ • • \$ 100% | 21. | | | | | | | | | | | | | |
| 23. Low Income Energy Efficiency and Weatherization Assistance \$ 35,076,516 \$ 5,077,891 \$ 5,390,437 \$ 9,366,492 \$ 15,241,695 100% 24. Residential Energy Assessments \$ 30,896,428 \$ 3,720,595 \$ 4,123,113 \$ 8,842,446 \$ 14,210,274 100% 25. Residential Smart \$aver* Energy Efficiency \$ 57,958,037 \$ 12,315,777 \$ 13,476,860 \$ 12,455,299 \$ 19,710,100 100% 26. Total Residential Energy Efficiency Avoided Energy Costs \$ 197,709,786 \$ 28,542,331 \$ 32,176,207 \$ 51,948,328 \$ 85,042,919 27. Power Manager \$ • • \$ • • \$ • • \$ • • \$ • • \$ • • \$ 100% | 22. | | ş | 73,778,809 | S | 7,428,068 | 5 | 9,185,798 | Ś | 21,284,091 | \$ | 35,880,851 | 100% | |
| 24. Residential Energy Assessments \$ 30,896,428 \$ 3,720,595 \$ 4,123,113 \$ 8,842,446 \$ 14,210,274 100% 25. Residential Smart \$aver* Energy Efficiency \$ 57,958,037 \$ 12,315,777 \$ 13,476,860 \$ 12,455,299 \$ 19,710,100 100% 26. Total Residential Energy Efficiency Avoided Energy Costs \$ 197,709,786 \$ 28,542,331 \$ 32,176,207 \$ 51,948,328 \$ 85,042,919 27. Power Manager \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 23. | | \$ | 35,076,516 | \$ | | - | | - | | - | | 100% | |
| 25. Residential Smart \$aver* Energy Efficiency \$ 57,958,037 \$ 12,315,777 \$ 13,476,860 \$ 12,455,299 \$ 19,710,100 100% 26. Total Residential Energy Efficiency Avoided Energy Costs \$ 197,709,786 \$ 28,542,331 \$ 32,176,207 \$ 51,948,328 \$ 85,042,919 27. Power Manager \$ - \$ - \$ - \$ - \$ 100% | | • • | \$ | | - | | | | • | | - | | | |
| 26. Total Residential Energy Efficiency Avoided Energy Costs \$ 197,709,786 \$ 28,542,331 \$ 32,176,207 \$ 51,948,328 \$ 85,042,919 27. Power Manager \$ 5 - 5 - 5 - \$ - 100% | 25. | | \$ | | - | | - | | | | - | | | |
| 27. Power Manager \$ - \$ - \$ - \$ - 100% | 26. | Total Residential Energy Efficiency Avoided Energy Costs | \$ | 197,709,786 | \$ | | | | - | 51,948,328 | \$ | 85,042,919 | | |
| 28. Total Residential Avoided Energy Costs \$ 197,709,786 \$ 28,542,331 \$ 32,176,207 \$ 51,948,328 \$ 85,042,919 | 27. | Power Manager | \$ | • | \$ | · - | \$ | | \$ | - | \$ | · · · | | 100% |
| | 28. | Total Residential Avoided Energy Costs | \$ | 197,709,786 | Ş | 28,542,331 | \$ | 32,176,207 | \$ | 51,948,328 | \$ | 85,042,919 | | |

Docket No. E-7, Sub 831

NOMINAL TOTAL AVOIDED COSTS BY VINTAGE

NORTH CAROLINA RETAIL AMOUNTS - PER PUBLIC STAFF RECOMMENDED ALLOCATION FACTORS

Energy Efficiency Allocation
Demand Side Management Allocation

0.6838736 0.6992775

| Line | Projected Avoided Capacity and Energy Costs | | | | Yea | r | | | All Ye | ars |
|-------------|----------------------------------------------------------------|-------------------|------------------|----|------------|----|-------------|-------------------|--------|-------|
| No. | Nominal Avoided Capacity Costs by Vintage | Total | 1 | _ | 2 | | 3 | 4 | % EE | % DSM |
| | | | | | | | | | | |
| 29. | Non-Residential Programs | | | | | | | | | |
| 30. | Non-Residential Energy Assessments | \$ • | \$ - | \$ | - | \$ | - | \$ • | 100% | |
| 31. | Smart Saver® for Non-Residential Customers • | \$ 114,840,268 | \$ 14,050,720 | \$ | | \$ | 33,205,927 | 51,749,220 | 100% | |
| 32. | Total Non-Residential Energy Efficiency Avoided Energy Costs | \$ 114,840,267 | \$ 14,050,720 | \$ | 15,834,400 | \$ | 33,205,927 | 51,749,220 | | |
| 33. | Power Share® | \$ • | \$ - | \$ | - | \$ | - | \$ - | | 100% |
| 34. | Total Non-Residential Avoided Energy Costs | \$ 114,840,267 | \$ 14,050,720 | \$ | 15,834,400 | \$ | 33,205,927 | \$ 51,749,220 | | |
| 35. | Total Energy Efficiency Avoided Energy Costs | \$ 312,550,053 | \$ 42,593,051 | \$ | 48,010,608 | \$ | 85,154,255 | \$ 136,792,139 | | |
| 36. | Total DSM Avoided Energy Costs | \$ - | \$ - | \$ | - | \$ | - | \$ - | | |
| 37. | Total Avoided Energy Costs | \$ 312,550,053 | \$ 42,593,051 | \$ | 48,010,608 | \$ | 85,154,255 | \$ 136,792,139 | | |
| 38. | Percent of Avoided Energy Costs for Energy Efficiency Programs | 100.0% | 100.0% | | 100.0% | | 100.0% | 100.0% | | |
| 39. | Percent of Avoided Energy Costs for DSM Programs | 0.0% | 0.0% | | 0.0% | | 0.0% | 0.0% | | |
| 40. | Nominal Total Avoided Costs by Vintage | | | | | | | | | |
| 41. | Residential Programs | | | | | | | | | |
| 42. | Energy Efficiency Education program for Schools | \$ 98,650,780 | \$ 9,362,934 | \$ | 12,118,952 | \$ | 28,589,397 | \$ 48,579,494 | 100% | |
| 43. | Low Income Energy Efficiency and Weatherization Assistance | \$ 41,410,815 | \$ 5,976,227 | \$ | 6,383,226 | \$ | 11,079,666 | \$ 17,971,693 | 100% | |
| 44. | Residential Energy Assessments | \$ 37,817,640 | \$ 4,581,514 | \$ | 5,092,663 | \$ | 10,851,025 | \$ 17,292,436 | 100% | |
| 45. | Residential Smart \$aver® Energy Efficiency | \$ 69,481,785 | \$ 14,615,762 | \$ | 16,076,213 | \$ | 15,048,985 | \$ 23,740,823 | 100% | |
| 46. | Total Residential Energy Efficiency Avoided Costs | \$ 247,361,012 | \$ 34,536,438 | \$ | 39,671,054 | \$ | 65,569,073 | \$ 107,584,447 | | |
| 47. | Power Manager | \$ 50,736,675 | \$ 12,218,298 | \$ | 12,523,756 | 5 | 12,836,850 | \$ 13,157,771 | | 100% |
| 48. | Total Residential Avoided Costs | \$ 298,097,686 | \$ 46,754,736 | \$ | 52,194,810 | \$ | 78,405,922 | \$ 120,742,218 | | |
| 49. | Non-Residential Programs | | | | | | | | | |
| 50. | Non-Residential Energy Assessments | \$ - | \$ = | \$ | - | \$ | - | \$ - | 100% | |
| 51. | Smart \$aver® for Non-Residential Customers | \$ 167,600,272 | \$ 20,020,158 | \$ | 22,949,640 | \$ | 48,551,010 | \$ 76,079,462 | 100% | |
| 52. | Total Non-Residential Energy Efficiency Avoided Costs | \$ 167,600,270 | \$ 20,020,158 | \$ | 22,949,640 | \$ | 48,551,010 | \$ 76,079,462 | | |
| 53. | Power Share* | \$ 51,938,866 | \$ 4,303,425 | \$ | 11,411,093 | \$ | 17,888,566 | \$ 18,335,780 | | 100% |
| 54. | Total Non-Residential Avolded Costs | \$ 219,539,135 | \$ 24,323,583 | \$ | 34,360,733 | \$ | 66,439,577 | \$ 94,415,242 | | |
| 55 . | Total Energy Efficiency Avoided Costs | \$ 414,961,282 | \$ 54,556,596 | \$ | 62,620,694 | \$ | 114,120,083 | \$ 183,663,909 | | |
| 56. | Total DSM Avoided Costs | \$ 102,675,539 | \$ 16,521,723 | \$ | 23,934,849 | \$ | 30,725,416 | \$ 31,493,551 | | |
| 57 . | Total Avolded Costs | \$ 517,636,821 | \$ 71,078,319 | \$ | 86,555,543 | \$ | 144,845,499 | \$ 215,157,460 | | |
| 58. | Percent of Avoided Costs for Energy Efficiency Programs | 80.2% | 76.8% | , | 72.3% | | 78.8% | 85.4% | | |
| 59. | Percent of Avoided Costs for DSM Programs | 19.8% | 23.2% | , | 27.7% | | 21.2% | 14.6% | | |

Docket No. E-7, Sub 831

NOMINAL TOTAL AVOIDED COSTS BY VINTAGE

NORTH CAROLINA RETAIL AMOUNTS - PER PUBLIC STAFF RECOMMENDED ALLOCATION FACTORS

Energy Efficiency Allocation
Demand Side Management Allocation

0.6838736 0.6992775

| Nominal Avoided Capacity Costs as Percent of Total Avoided Costs | Line | Projected Avoided Capacity and Energy Costs | | | Year | | | All | Years |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------------------------|--------|--------|--------|--------|--------|-------------|-------|
| | _No. | Nominal Avoided Capacity Costs by Vintage | Total | 1 | 2 | 3 | 4 | % <u>EE</u> | % DSM |
| | | | | | | | | | |
| | | Sunided Conneity Code on Bound of Total Sunided Code | | | | | | | |
| Energy Efficiency Education program for Schools 15.2¼ 20.7% 14.2½ 15.5% 15.1½ | 60 | | | | | | | | |
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| Residential Programs | 77. | Avoided Energy Costs as Percent of Total Avoided Costs | | | | | | | |
| 79. Energy Efficiency Education program for Schools 74.8% 79.3% 75.8% 74.4% 73.9% 80. Low Income Energy Efficiency and Weatherization Assistance 84.7% 85.0% 81.4% 81.0% 81.5% 82.2% 82. Residential Energy Assessments 81.7% 81.2% 81.0% 81.5% 82.8% 83.0% 83.0% 83.7 Total Residential Energy Efficiency Avoided Costs 79.9% 82.6% 81.1% 79.2% 79.0% 84. Power Manager 9.0% 9.0% 9.0% 9.0% 9.0% 9.0% 9.0% 9.0% | | | | | | | | | |
| 80. Low Income Energy Efficiency and Weatherization Assistance 84.7% 85.0% 84.4% 84.5% 84.8% 81. Residential Energy Assessments 81.7% 81.2% 81.0% 81.5% 82.2% 82. Residential Smart \$aver® Energy Efficiency 83.4% 84.3% 83.8% 82.8% 83.0% 83. Total Residential Energy Efficiency Avoided Costs 79.9% 82.6% 81.1% 79.2% 79.0% 84. Power Manager 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 85. Total Residential Avoided Costs 66.3% 61.0% 61.6% 66.3% 70.4% 86. Non-Residential Programs 87. Non-Residential Energy Assessments 88. Smart \$aver® for Non-Residential Customers 68.5% 70.2% 69.0% 68.4% 68.0% 89. Total Non-Residential Energy Efficiency Avoided Costs 68.5% 70.2% 69.0% 68.4% 68.0% 90. Power Share® 0.0% 0.0% 0.0% 0.0% 0.0% 91. Total Non-Residential Avoided Costs 52.3% 57.8% 46.1% 50.0% 54.8% 92. Total Energy Efficiency Avoided Costs 75.3% 78.1% 76.7% 74.6% 74.5% | | | 74 R% | 79 3% | 75.8% | 74.4% | 73.9% | | |
| 81. Residential Energy Assessments 81.7% 81.2% 81.0% 81.5% 82.2% 82. Residential Smart \$aver® Energy Efficiency 83.4% 84.3% 83.8% 82.8% 83.0% 83. Total Residential Energy Efficiency Avoided Costs 79.9% 82.6% 81.1% 79.2% 79.0% 84. Power Manager 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% | | | | | | | | | |
| 82. Residential Smart \$aver® Energy Efficiency 83.4% 84.3% 83.8% 82.8% 83.0% 83. Total Residential Energy Efficiency Avoided Costs 79.9% 82.6% 81.1% 79.2% 79.0% 84. Power Manager 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 85. Total Residential Avoided Costs 66.3% 61.0% 61.6% 66.3% 70.4% 86. Non-Residential Programs 87. Non-Residential Energy Assessments 88. Smart \$aver® for Non-Residential Customers 68.5% 70.2% 69.0% 68.4% 68.0% 89. Total Non-Residential Energy Efficiency Avoided Costs 68.5% 70.2% 69.0% 68.4% 68.0% 90. Power Share® 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 91. Total Non-Residential Avoided Costs 52.3% 57.8% 46.1% 50.0% 54.8% 92. Total Energy Efficiency Avoided Costs 75.3% 78.1% 76.7% 74.6% 74.5% | | • | | | | - | | | |
| 83. Total Residential Energy Efficiency Avoided Costs 79.9% 82.6% 81.1% 79.2% 79.0% 84. Power Manager 0.0% 0.0% 0.0% 0.0% 0.0% 85. Total Residential Avoided Costs 66.3% 61.0% 61.6% 66.3% 70.4% 86. Non-Residential Programs 87. Non-Residential Energy Assessments 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. 88. <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | | | | | | | | | |
| 84. Power Manager 0.0% 0.0% 0.0% 0.0% 0.0% 85. Total Residential Avoided Costs 66.3% 61.0% 61.6% 66.3% 70.4% 86. Non-Residential Programs 87. Non-Residential Energy Assessments 88. 88. 88. 88. 88. 70.2% 69.0% 68.4% 68.0% 89. Total Non-Residential Energy Efficiency Avoided Costs 68.5% 70.2% 69.0% 68.4% 68.0% 90. Power Share® 0.0% 0.0% 0.0% 0.0% 0.0% 91. Total Non-Residential Avoided Costs 52.3% 57.8% 46.1% 50.0% 54.8% 92. Total Energy Efficiency Avoided Costs 75.3% 78.1% 76.7% 74.6% 74.5% | | =- • • | | | | | - | | |
| 85. Total Residential Avoided Costs 66.3% 61.0% 61.6% 66.3% 70.4% 86. Non-Residential Programs 87. Non-Residential Energy Assessments 88. Smart \$aver* for Non-Residential Customers 68.5% 70.2% 69.0% 68.4% 68.0% 89. Total Non-Residential Energy Efficiency Avoided Costs 68.5% 70.2% 69.0% 68.4% 68.0% 90. Power Share* 0.0% 0.0% 0.0% 0.0% 0.0% 91. Total Non-Residential Avoided Costs 52.3% 57.8% 46.1% 50.0% 54.8% 92. Total Energy Efficiency Avoided Costs 75.3% 78.1% 76.7% 74.6% 74.5% | | =- · · | | | | | | | |
| 86. Non-Residential Programs 87. Non-Residential Energy Assessments 88. Smart \$aver* for Non-Residential Customers 89. Total Non-Residential Energy Efficiency Avoided Costs 89. Power Share* 90. Power Share* 91. Total Non-Residential Avoided Costs 92. Total Energy Efficiency Avoided Costs 93. Total Energy Efficiency Avoided Costs 94. Total Non-Residential Avoided Costs 95. Total Energy Efficiency Avoided Costs 96. Total Energy Efficiency Avoided Costs 97. Total Energy Efficiency Avoided Costs 98. Total Energy Efficiency Avoided Costs 99. Total Energy Efficiency Avoided Costs | | • | | | | | | | |
| 87. Non-Residential Energy Assessments 88. Smart \$aver® for Non-Residential Customers 68.5% 70.2% 69.0% 68.4% 68.0% 89. Total Non-Residential Energy Efficiency Avoided Costs 68.5% 70.2% 69.0% 68.4% 68.0% 90. Power Share® 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 91. Total Non-Residential Avoided Costs 52.3% 57.8% 46.1% 50.0% 54.8% 92. Total Energy Efficiency Avoided Costs 75.3% 78.1% 76.7% 74.6% 74.5% | 03. | Loren Vesimential Manuel Costs | 5d.3A | 81.0% | 02.074 | 50.3A | 70.476 | | |
| 88. Smart \$aver® for Non-Residential Customers 68.5% 70.2% 69.0% 68.4% 68.0% 89. Total Non-Residential Energy Efficiency Avoided Costs 68.5% 70.2% 69.0% 68.4% 68.0% 90. Power Share® 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 91. Total Non-Residential Avoided Costs 52.3% 57.8% 46.1% 50.0% 54.8% 92. Total Energy Efficiency Avoided Costs 75.3% 78.1% 76.7% 74.6% 74.5% | | | | | | | | | |
| 89. Total Non-Residential Energy Efficiency Avoided Costs 68.5% 70.2% 69.0% 68.4% 68.0% 90. Power Share® 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 91. Total Non-Residential Avoided Costs 52.3% 57.8% 46.1% 50.0% 54.8% 92. Total Energy Efficiency Avoided Costs 75.3% 78.1% 76.7% 74.6% 74.5% | | - | | | | | | | |
| 90. Power Share® 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | | | |
| 91. Total Non-Residential Avoided Costs 52.3% 57.8% 46.1% 50.0% 54.8% 92. Total Energy Efficiency Avoided Costs 75.3% 78.1% 76.7% 74.6% 74.5% | 89. | | | | | | | | |
| 92. Total Energy Efficiency Avoided Costs 75.3% 78.1% 76.7% 74.6% 74.5% | 90. | Power Share® | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | | |
| | 91. | Total Non-Residential Avoided Costs | 52.3% | 57.8% | 46.1% | 50.0% | 54.8% | | |
| | 92. | Total Energy Efficiency Avoided Costs | 75.3% | 78.1% | 76.7% | 74.6% | 74.5% | | |
| | | - | | | 0.0% | 0.0% | | | |
| 94. Total Avoided Costs 60.4% 59.9% 55.5% 58.8% 63.6% | | | | | | | | | |

All Years

DUKE ENERGY CAROLINAS, LLC

Docket No. E-7, Sub 831

NOMINAL TOTAL AVOIDED COSTS BY VINTAGE

NORTH CAROLINA RETAIL AMOUNTS - PER PUBLIC STAFF RECOMMENDED ALLOCATION FACTORS

Year

Energy Efficiency Allocation
Demand Side Management Allocation

Line

Projected Avoided Capacity and Energy Costs

0.6838736 0.6992775

| No. | | | | | | Yes | | | | | | |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------|--------------|-------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|------|------|
| | Nominal Avoided Capacity Costs by Vintage | Total | | 1 | | 2 | | 3 | | 4 | % EE | % DS |
| | | | | | | | | | | | | |
| | Present Value of Total Avolded Costs by Vintage ¹ | _ | | | | Yea | ır | | | | | |
| | Residential Programs | | | 1 | | 2 | | 3 | | 4 | | |
| - | Energy Efficiency Education program for Schools | | \$ | 7,995,739 | \$ | 10,166,174 | \$ | 23,760,911 | \$ | 40,058,846 | | |
| l. | Low Income Energy Efficiency and Weatherization Assistance | | \$ | 5,100,095 | \$ | 5,323,474 | \$ | 8,959,695 | \$ | 14,114,216 | | |
|) . | Residential Energy Assessments | | \$ | 3,903,143 | \$ | 4,311,433 | \$ | 9,171,218 | \$ | 14,561,190 | | |
| DO. | Residential Smart \$aver® Energy Efficiency | | \$ | 12,108,098 | \$ | 13,187,372 | \$ | 11,347,670 | \$ | 17,651,179 | | |
| 01. | Total Residential Energy Efficiency Avolded Costs | | \$ | 29,107,075 | \$ | 32,988,453 | \$ | 53,239,493 | 5 | 86,385,431 | | |
| 02. | Power Manager | | \$ | 12,218,298 | \$ | 12,523,756 | \$ | 12,836,850 | \$ | 13,157,771 | | |
| 03. | Total Residential Avoided Costs | | \$ | 41,325,374 | \$ | 45,512,208 | \$ | 66,076,343 | \$ | 99,543,202 | | |
| 34. | Non-Residential Programs | | | | | | | | | | | |
| 05. | Non-Residential Energy Assessments | | \$ | - | \$ | - | \$ | - | \$ | • | | |
| 06. | Smart \$aver® for Non-Residential Customers | | \$ | 13,652,036 | \$ | 15,586,778 | \$ | 33,049,002 | \$ | 51,769,257 | | |
| 07. | Total Non-Residential Energy Efficiency Avoided Costs | | \$ | 13,652,036 | \$ | 15,586,778 | \$ | 33,049,002 | \$ | 51,769,257 | | |
| 08. | Power Share* | | \$ | 4,303,425 | \$ | 11,411,093 | \$ | 17,888,566 | \$ | 18,335,780 | | |
| 09. | Total Non-Residential Avoided Costs | | \$ | 17,955,461 | \$ | 26,997,871 | \$ | 50,937,568 | \$ | 70,105,038 | | |
| | Total Energy Efficiency Avoided Costs | | \$ | 42,759,112 | \$ | 48,575,231 | \$ | 86,288,495 | \$ | 138,154,688 | | |
| 1U. | | | Ś | 16,521,723 | ė | 23,934,849 | Ś | 30,725,416 | \$ | 31,493,551 | | |
| | Total DSM Avoided Costs | | ~ | 10,321,723 | ~ | | | | | | | |
| 11. | Total DSM Avoided Costs Total Avoided Costs | | \$ | 59,280,835 | | | | 117,013,911 | \$ | 169,648,240 | | |
| 1. | Total Avoided Costs (1) This table shows the present value of avoided costs by vintage (i.e. all | - | \$ discou | 59,280,835 inted back to ye | \$ ear tv | 72,510,079 vo). Therefore | \$, re\ | enues can be o | alcı | lated for each | | |
| 1. | Total Avoided Costs | - | \$ discou | 59,280,835 inted back to ye | \$ ear tv | 72,510,079 vo). Therefore | \$, re\ | enues can be o | alcı | lated for each | | |
| 11. | Total Avoided Costs (1) This table shows the present value of avoided costs by vintage (i.e. all year by mutilplying the totals in each vintage by the appropriate avoided | - | \$ discou 85% to | 59,280,835 inted back to ye | \$ ear tv | 72,510,079 vo). Therefore | \$, re\ | enues can be o | alcı | lated for each | | |
| 11. | Total Avoided Costs (1) This table shows the present value of avoided costs by vintage (i.e. all year by mutilplying the totals in each vintage by the appropriate avoided | cost percentage and then by | \$ discou 85% to | 59,280,835 inted back to ye equal revenue | \$ ear tv | 72,510,079 vo). Therefore own in Farmer | \$, re\ | renues can be c bit 3. For ехап | alcı | lated for each | | |
| 11. | Total Avoided Costs (1) This table shows the present value of avoided costs by vintage (i.e. all year by mutilplying the totals in each vintage by the appropriate avoided revenues for year 2: | cost percentage and then by Year 2 Avoided Cost \$ 48,575,23 \$ 23,934,84 | \$ discou 85% to Av | 59,280,835 ented back to ye o equal revenue voided Cost % | \$ ear tv | 72,510,079 vo). Therefore own in Farmer Billing % | \$, rev Exhi | renues can be o bit 3. For exan Revenues | alcı | lated for each | | |
| 11. | Total Avoided Costs (1) This table shows the present value of avoided costs by vintage (i.e. all year by mutilplying the totals in each vintage by the appropriate avoided revenues for year 2: Total Energy Efficiency Program Avoided Costs | cost percentage and then by Year 2 Avoided Cost \$ 48,575,23 | \$ discou 85% to Av 1 | 59,280,835 inted back to ye equal revenue voided Cost % 50% | \$ ear tv | 72,510,079 vo). Therefore own in Farmer Billing % 85% | \$, rev Exhi | renues can be o bit 3. For exam Revenues 20,644,473 | alcı | lated for each | | |
| 1. | Total Avoided Costs (1) This table shows the present value of avoided costs by vintage (i.e. all year by mutilplying the totals in each vintage by the appropriate avoided revenues for year 2: Total Energy Efficiency Program Avoided Costs Total DSM Program Avoided Costs | cost percentage and then by Year 2 Avoided Cost \$ 48,575,23 \$ 23,934,84 | \$ discou 85% to Av 1 | 59,280,835 inted back to ye equal revenue voided Cost % 50% | \$ ear tv | 72,510,079 vo). Therefore own in Farmer Billing % 85% | \$, rev Exhi | renues can be o bit 3. For exan Revenues 20,644,473 15,258,466 | alcı | lated for each | | |
| 11. | Total Avoided Costs (1) This table shows the present value of avoided costs by vintage (i.e. all year by mutliplying the totals in each vintage by the appropriate avoided revenues for year 2: Total Energy Efficiency Program Avoided Costs Total DSM Program Avoided Costs Total | cost percentage and then by Year 2 Avoided Cost \$ 48,575,23 \$ 23,934,84 | \$ discou 85% to Av 1 | 59,280,835 inted back to ye equal revenue voided Cost % 50% | \$ ear tv | 72,510,079 vo). Therefore own in Farmer Billing % 85% | \$, rev Exhi | Revenues can be of bit 3. For examination of the second se | alcı | lated for each | | |
| 10. 11. 12. | Total Avoided Costs (1) This table shows the present value of avoided costs by vintage (i.e. all year by mutilplying the totals in each vintage by the appropriate avoided revenues for year 2: Total Energy Efficiency Program Avoided Costs Total DSM Program Avoided Costs Total Calculated from Amounts per Maness Exhibit 2: | cost percentage and then by Year 2 Avoided Cost \$ 48,575,23 \$ 23,934,84 | \$ discou 85% to Av 1 | 59,280,835 inted back to ye equal revenue voided Cost % 50% | \$ ear tv | 72,510,079 vo). Therefore own in Farmer Billing % 85% | \$, rev Exhi | renues can be of bit 3. For exam Revenues 20,644,473 15,258,466 35,902,939 Year 2 | alcı | lated for each | | |
| 11. | Total Avoided Costs (1) This table shows the present value of avoided costs by vintage (i.e. all year by mutilplying the totals in each vintage by the appropriate avoided revenues for year 2: Total Energy Efficiency Program Avoided Costs Total DSM Program Avoided Costs Total Calculated from Amounts per Maness Exhibit 2: Residential Avoided Cost Revenue Requirement (2) | cost percentage and then by Year 2 Avoided Cost \$ 48,575,23 \$ 23,934,84 | \$ discou 85% to Av 1 | 59,280,835 inted back to ye o equal revenue voided Cost % 50% | \$ ear tv | 72,510,079 vo). Therefore own in Farmer Billing % 85% | \$, rev Exhi | Revenues 20,644,473 15,258,466 35,902,939 | alcı | lated for each | | |

⁽²⁾ Under the Public Staff's recommended allocation methodology, the revenues associated with each type of program are not assigned to the group of customers (residential or non-residential) for purposes of rider calculation. Instead, total EE revenues are allocated on the basis of customer group energy sales, and total DSM revenues are allocated on the basis of contribution to peak load. Please see Maness Exhibit 2 for the Public Staff's calculation of estimated annual riders.