Duke Energy Carolinas
DSM/EE Cost Recovery Rider 4
Docket Number E-7 Sub 1001
Exhibit Summary for Rider EE Exhibits and Factors

McManeus Exhibit 1

Residential Billing Factor

Residential EE Rider Revenue Requirement True-up Components

Vintage 1 EMF

1	Costs to be Recovered for Vintage 1 EE True-up Revenue Requirement	McManeus Exhibit 2 pg. 1, line 9	$	1,825,212	
2	Costs to be Recovered for Vintage 1 DSM True-up Revenue Requirement	McManeus Exhibit 2 pg. 5, line 7	$	(414,537)	
3	*Revenue Requirement Vintage 1 True-up Component for Residential Rider EE* ***(cents per kWh)***	Line 1 + Line 2	$	1,410,675	
4	Projected NC Residential Sales (kWh) for rate period	McManeus Exhibit 4		20,920,337,000	
5	*Revenue Requirement Vintage 1 True-up Component for Residential Rider EE* ***(cents per kWh)***	line 5 / Line 6 * 100	**$**	**0.0067**	Application

Vintage 2 EMF

6	Costs to be Recovered for Vintage 2 EE True-up Revenue Requirement	McManeus Exhibit 2 pg. 2, line 9	$	10,656,915	
7	Costs to be Recovered for Vintage 2 DSM True-up Revenue Requirement	McManeus Exhibit 2 pg. 6, line 7	$	1,280,116	
8	*Total True-up Components of Residential Revenue Requirement to be recovered in Rider 4*	Line 6 + Line 7	$	11,937,031	
9	Projected NC Residential Sales (kWh) for rate period	McManeus Exhibit 4		20,920,337,000	
10	*Revenue Requirement Vintage 2 True-up Component for Residential Rider EE* ***(cents per kWh)***	line 5 / Line 6 * 100		**0.0571**	Application

Residential EE Rider Revenue Requirement Prospective Components

11	Costs to be Recovered for Vintage 3 EE Prospective Amounts Revenue Requirement	McManeus Exhibit 2 pg. 3, line 3	$	3,047,820	
12	Costs to be Recovered for Vintage 4 EE Prospective Amounts Revenue Requirement	McManeus Exhibit 2 pg. 4, line 7	$	7,394,100	
13	Costs to be Recovered for Vintage 4 DSM Prospective Amounts Revenue Requirement	McManeus Exhibit 2 pg. 7, line 5	$	11,665,208	
14	*Total Prospective Components of Residential Revenue Requirement to be recovered in Rider 4*	sum (Line 11 - Line 13)	$	22,107,128	
15	Projected NC Residential Sales (kWh) for rate period	McManeus Exhibit 4		20,920,337,000	
16	*Revenue Requirement Vintage 3 and Vintage 4 Prospective Component for Residential Rider EE* ***(cents per kWh)***	line 14 / Line 15 * 100		**0.1057**	Application

Non-Residential Billing Factors for Rider 4 True-Up Components

SAW EE Revenue Requirements True-up

17	Costs to be Recovered for Vintage 1 True-up - Vintage 1 EE Participant	McManeus Exhibit 2 pg. 1, line 18	$	4,078,607	
18	Projected Vintage 1 EE Participants NC Non-Residential Sales (kwh) for rate period	McManeus Exhibit 4		26,378,016,065	
19	*SAW EE Revenue Requirement Vintage 1 True-up* ***Non-Residential Rider EE (cents per kWh)***	Line 17/line 18 * 100		**0.0155**	Application
20	Costs to be Recovered for Vintage 2 True-up - Vintage 2 EE Participant	McManeus Exhibit 2 pg. 2, line 18	$	12,933,987	
21	Projected Vintage 2 EE Participants NC Non-Residential Sales (kwh) for rate period	McManeus Exhibit 4		26,509,644,609	
22	*SAW EE Revenue Requirement Vintage 2 True-up* ***Non-Residential Rider EE (cents per kWh)***	line 20/line 21 * 100		**0.0488**	Application

DSM Revenue Requirements True-up

23	Costs to be Recovered for Vintage 1 True-up - Vintage 1 DSM Participant	McManeus Exhibit 2 pg. 5, line 14	$	(349,411)	
24	Projected Vintage 1 DSM Participants NC Non-Residential Sales (kwh) for rate period	McManeus Exhibit 4		25,982,244,597	
25	*DSM Revenue Requirement Vintage 1 True-up* ***Non-Residential Rider EE (cents per kWh)***	line 23/line 24 * 100		**(0.0013)**	Application
26	Costs to be Recovered for Vintage 2 True-up - Vintage 2 DSM Participant	McManeus Exhibit 2 pg. 6, line 14	$	3,596,290	
27	Projected Vintage 2 DSM Participants NC Non-Residential Sales (kwh) for rate period	McManeus Exhibit 4		25,413,539,157	
28	*DSM Revenue Requirement Vintage 2 True-up* ***Non-Residential Rider EE (cents per kWh)***	line 26/line 27 * 100		**0.0142**	Application

Non-Residential Billing Factors for Rider 4 Prospective Components

SAW EE Revenue Requirements Prospective Components

29	Total EE Revenue Requirement - Vintage 3 EE Participant	McManeus Exhibit 2 pg. 3, line 6	$	1,418,748	
30	Projected Vintage 3 EE Participants NC Non-Residential Sales (kwh) for rate period	McManeus Exhibit 4		26,947,143,441	
31	*SAW EE Revenue Requirement Vintage 3 Lost Revenues* ***Non-Residential Rider EE (cents per kWh)***	line 29/line 30 * 100		**0.0053**	Application
32	Total EE Revenue Requirement - Vintage 4 EE Participant	McManeus Exhibit 2 pg. 4, line 14	$	20,040,852	
33	Projected Vintage 4 EE Participants NC Non-Residential Sales (kwh) for rate period	McManeus Exhibit 4		26,947,143,441	
34	*SAW EE Revenue Requirement Vintage 4 Lost Revenues* ***Non-Residential Rider EE (cents per kWh)***	line 32/line 33 * 100		**0.0744**	Application

DSM Revenue Requirements Prospective Component

35	DSM Revenue Requirement - Vintage 4 DSM Participant	McManeus Exhibit 2 pg. 7, line 10	$	15,286,706	
36	Projected Vintage 4 DSM Participants NC Non-Residential Sales (kwh) for rate period	McManeus Exhibit 4		25,747,908,609	
37	*DSM Revenue Requirement Vintage 4 Prospective* ***Non-Residential Rider EE (cents per kWh)***	line 35/line 36 * 100		**0.0594**	Application

Total costs to be recovered in Rider 4 from Non-Residential Customers

17	Costs to be Recovered for Vintage 1 True-up - Vintage 1 EE Participant	$	4,078,607	
20	Costs to be Recovered for Vintage 2 True-up - Vintage 2 EE Participant	$	12,933,987	
29	Total EE Revenue Requirement - Vintage 3 EE Participant	$	1,418,748	
32	Total EE Revenue Requirement - Vintage 4 EE Participant	$	20,040,852	
23	Costs to be Recovered for Vintage 1 True-up - Vintage 1 DSM Participant	$	(349,411)	
26	Costs to be Recovered for Vintage 2 True-up - Vintage 2 DSM Participant	$	3,596,290	
35	DSM Revenue Requirement - Vintage 4 DSM Participant	$	15,286,706	
		$	**57,005,779**	Application

Duke Energy Carolinas
EE Vintage 1 True-Up of Avoided Cost Revenue Requirements & Net Lost Revenues
Docket Number E-7, Sub 1001
Calculation of True-Up for Years 1, 2, and 3

RESIDENTIAL

			Vintage 1, Year 1 Net Lost Revenues	Vintage 1, Year 2 Net Lost Revenues*	Total Vintage 1, Year 1 and Year 2 Net Lost Revenue True-up
1	EE Avoided Cost Component	Duff Exhibit 1 pg. 1 & 2, line 6	$ 35,749,572		
2	Gross Receipts Tax and Regulatory Fee		1.034554		
3	EE Avoided Cost Component	Line 1 * Line 2	$ 36,984,863		$ 36,984,863
4	Net Lost Revenues	Duff Exhibit 2, Line 7	$ 6,269,717	$ 18,416,712	$ 24,686,429
5	Residential Save-A-Watt Revenue Requirement	Line 3 + Line 4			61,671,292
6	Billing Factor				85%
7	Residential Save-A-Watt Revenue Requirement	Line 5 * Line 6			$ 52,420,598
8	Total Collected for Vintage 1 (Rider 1, Rider 2, Rider 3)	McManeus Exhibit 3, Line 1			$ 50,595,386
9	Residential True-up Amount	Line 7 - Line 8			$ 1,825,212

See McManeus Exhibit 1 for rate

NON-RESIDENTIAL

			Vintage 1, Year 1 Net Lost Revenues	Vintage 1, Year 2 Net Lost Revenues*	Total Vintage 1, Year 1 and Year 2 Net Lost Revenue True-up
10	EE Avoided Cost Component	Duff Exhibit 1 pg. 1, line 13 & pg. 2, Line 14	$ 18,824,789		
11	Gross Receipts Tax and Regulatory Fee		1.034554		
12	EE Avoided Cost Component	Line 10 * Line 11	$ 19,475,261		$ 19,475,261
13	Total Net Lost Revenues	Duff Exhibit 2, Line 16	$ 722,297	$ 1,238,563	$ 1,960,861
14	Non-Residential Save-A-Watt Revenue Requirement	Line 12 + Line 13			21,436,121
15	Billing Factor				85%
16	Non-Residential Save-A-Watt Revenue Requirement	Line 14 * Line 15			$ 18,220,703
17	Total Collected for Vintage 1 (Rider 1, Rider 2, Rider 3)	McManeus Exhibit 3, Line 5			$ 14,142,096
18	Non-Residential True-up Amount	Line 16 - Line 17			$ 4,078,607
19	Projected NC Non-Residential Sales (kWh) for billing period	McManeus Exhibit 4			26,378,016,065
20	**Non-Residential Rider EE (cents per kWh)**	Line 18/Line 19 * 100			**0.0155**

* Includes 1 month of Year 3 (January 2012)

Duke Energy Carolinas **McManeus Exhibit 2 pg. 2**
EE Vintage 2 True-Up of Avoided Cost Revenue Requirements & Net Lost Revenues
Docket Number E-7, Sub 1001
Calculation of True-Up for Year 1

RESIDENTIAL

			Vintage 2, Year 1 Net Lost Revenues
1	EE Avoided Cost Component	Duff Exhibit 1 pg. 3, Line 7	$ 30,748,453
2	Gross Receipts Tax and Regulatory Fee		1.034554
3	EE Avoided Cost Component	Line 1 * Line 2	$ 31,810,935
4	Net Lost Revenues	Duff Exhibit 2, Line 24	$ 7,363,278
5	Residential Save-A-Watt Revenue Requirement	Line 3 + Line 4	39,174,213
6	Billing Factor		85%
7	Residential Save-A-Watt Revenue Requirement	Line 5 * Line 6	$ 33,298,081
8	Total Collected for Vintage 2 (Rider 2)	McManeus Exhibit 3, Line 2	22,641,166
9	Residential True-up Amount	Line 7 - Line 8	$ 10,656,915

See McManeus Exhibit 1 for rate

NON-RESIDENTIAL

			Vintage 2, Year 1 Net Lost Revenues
10	EE Avoided Cost Component	Duff Exhibit 1 pg. 3, Line 16	$ 21,539,255
11	Gross Receipts Tax and Regulatory Fee		1.034554
12	EE Avoided Cost Component	Line 10 * Line 11	$ 22,283,522
13	Total Net Lost Revenues	Duff Exhibit 2, Line 34	$ 1,363,302
14	Non-Residential Save-A-Watt Revenue Requirement	Line 12 + Line 13	$ 23,646,824
15	Billing Factor		85%
16	Non-Residential Save-A-Watt Revenue Requirement	Line 14 * Line 15	$ 20,099,800
17	Total Collected for Vintage 2 (Rider 2)	McManeus Exhibit 3, Line 6	$ 7,165,813
18	Non-Residential True-up Amount	Line 16 - Line 17	$ 12,933,987
19	Projected NC Residential Sales (kWh) for billing period	McManeus Exhibit 4	26,509,644,609
20	**Non-Residential Rider EE (cents per kWh)**	Line 18/Line 19 * 100	**0.0488**

Duke Energy Carolinas
EE Vintage 3 Year 2 Net Lost Revenues Estimate
Docket Number E-7, Sub 1001
Calculation of Estimate for Year 2

RESIDENTIAL

			Vintage 3, Year 2 Net Lost Revenue Estimate
1	Net Lost Revenues	Duff Exhibit 2, Line 43	$ 3,585,671
2	Billing Factor		85%
3	Residential Save-A-Watt Revenue Requirement	Line 1 * Line 2	$ 3,047,820
			See McManeus Exhibit 1 for rate

NON-RESIDENTIAL

			Vintage 3, Year 2 Net Lost Revenue Estimate
4	Total Net Lost Revenues	Duff Exhibit 2, Line 53	$ 1,669,116
5	Billing Factor		85%
6	Non-Residential Save-A-Watt Revenue Requirement	Line 4 * Line 5	$ 1,418,748
7	Projected NC Residential Sales (kWh) for billing period	McManeus Exhibit 4	26,947,143,441
8	**Non-Residential Rider EE (cents per kWh)**	Line 6/Line 7 * 100	**0.0053**

Duke Energy Carolinas **McManeus Exhibit 2 pg. 4**

EE Vintage 4 Avoided Cost Revenue Requirements & Net Lost Revenues Estimate

Docket Number E-7, Sub 1001

Calculation of Estimate for Year 1

RESIDENTIAL

			Vintage 4, Year 1 Net Lost Revenues
1	EE Avoided Cost Component	Duff Exhibit 1 pg. 4, Line 6	$ 7,018,191
2	Gross Receipts Tax and Regulatory Fee		1.034554
3	EE Avoided Cost Component	Line 1 * Line 2	$ 7,260,698
4	Net Lost Revenues	Duff Exhibit 2, Line 60	$ 1,438,243
5	Residential Save-A-Watt Revenue Requirement	Line 3 + Line 4	8,698,941
6	Billing Factor		85%
7	Residential Save-A-Watt Revenue Requirement	Line 5 * Line 6	$ 7,394,100
			See McManeus Exhibit 1 for rate

NON-RESIDENTIAL

			Vintage 4, Year 1 Net Lost Revenues
8	EE Avoided Cost Component	Duff Exhibit 1 pg. 4, Line 14	$ 22,071,086
9	Gross Receipts Tax and Regulatory Fee		1.034554
10	EE Avoided Cost Component	Line 8 * Line 9	$ 22,833,730
11	Total Net Lost Revenues	Duff Exhibit 2, Line 69	$ 743,743
12	Non-Residential Save-A-Watt Revenue Requirement	Line 10 + Line 11	$ 23,577,473
13	Billing Factor		85%
14	Non-Residential Save-A-Watt Revenue Requirement	Line 12 * Line 13	$ 20,040,852
15	Projected NC Residential Sales (kWh) for rate period	McManeus Exhibit 4	26,947,143,441
16	**Non-Residential Rider EE (cents per kWh)**	Line 14/ Line 15 * 100	**0.0744**

Duke Energy Carolinas **McManeus Exhibit 2 pg. 5**
DSM Vintage 1 True-Up of Avoided Cost Revenue Requirements
Docket Number E-7, Sub 1001
Calculation of True-Up

RESIDENTIAL

				Vintage 1
1	DSM Avoided Cost Component	Duff Exhibit 1 pg. 1 & 2, line 7	$	9,676,899
2	Gross Receipts Tax and Regulatory Fee			1.034554
3	DSM Avoided Cost Component	Line 1 * Line 2	$	10,011,275
4	Billing Factor			85%
5	Residential DSM Revenue Requirement	Line 3 * Line 4	$	8,509,584
6	Total Collected for Vintage 1 (Rider 1, Rider 3)	McManeus Exhibit 3, Line 3	$	8,924,121
7	Residential True-up Amount	Line 5 - Line 6	$	(414,537)
				See McManeus Exhibit 1 for rate

NON-RESIDENTIAL

				Vintage 1
8	DSM Avoided Cost Component	Duff Exhibit 1 pg. 1, line 14 & pg. 2, line 15	$	11,346,382
9	Gross Receipts Tax and Regulatory Fee			1.034554
10	DSM Avoided Cost Component	Line 8 * Line 9	$	11,738,445
11	Billing Factor			85%
12	Non- Residential DSM Revenue Requirement	Line 10 * Line 11	$	9,977,678
13	Total Collected for Vintage 1 (Rider 1, Rider 3)	McManeus Exhibit 3, Line 7	$	10,327,089
14	Non-Residential True-up Amount	Line 12 - Line 13	$	(349,411)
15	Projected NC Non-Residential Sales (kWh) for billing period	McManeus Exhibit 4		25,982,244,597
16	**Non-Residential Rider EE (cents per kWh)**	Line 14/Line 15 * 100		**(0.0013)**

Duke Energy Carolinas **McManeus Exhibit 2 pg. 6**
DSM Vintage 2 True-Up of Avoided Cost Revenue Requirements
Docket Number E-7, Sub 1001
Calculation of True-Up

RESIDENTIAL

			Vintage 2
1	DSM Avoided Cost Component	Duff Exhibit 1, Pg 3, Line 8	$ 9,711,058
2	Gross Receipts Tax and Regulatory Fee		1.034554
3	DSM Avoided Cost Component	Line 1 * Line 2	$ 10,046,614
4	Billing Factor		85%
5	Residential DSM Revenue Requirement	Line 3 * Line 4	$ 8,539,622
6	Total Collected for Vintage 1 (Rider 2)	McManeus Exhibit 3, Line 4	$ 7,259,506
7	Residential True-up Amount	Line 5 - Line 6	$ 1,280,116
			See McManeus Exhibit 1 for rate

NON-RESIDENTIAL

			Vintage 2
8	DSM Avoided Cost Component	Duff Exhibit 1, Pg 3, Line 17	$ 12,725,885
9	Gross Receipts Tax and Regulatory Fee		1.034554
10	DSM Avoided Cost Component	Line 8 * Line 9	$ 13,165,615
11	Billing Factor		85%
12	Non- Residential DSM Revenue Requirement	Line 10 * Line 11	$ 11,190,773
13	Total Collected for Vintage 1 (Rider 2)	McManeus Exhibit 3, Line 8	$ 7,594,483
14	Non-Residential True-up Amount	Line 12 - Line 13	$ 3,596,290
15	Projected NC Non-Residential Sales (kWh) for billing period	McManeus Exhibit 4	25,413,539,157
16	**Non-Residential Rider EE (cents per kWh)**	Line 14/Line 15 * 100	**0.0142**

Duke Energy Carolinas **McManeus Exhibit 2 pg. 7**
DSM Vintage 4 Avoided Cost Revenue Requirement Estimate
Docket Number E-7, Sub 1001

RESIDENTIAL

				Vintage 4
1	DSM Avoided Cost Component	Duff Exhibit 1, Pg 4, Line 7	$	13,265,401
2	Gross Receipts Tax and Regulatory Fee			1.034554
3	DSM Avoided Cost Component	Line 1 * Line 2	$	13,723,774
4	Billing Factor			85%
5	Residential DSM Revenue Requirement	Line 3 * Line 4	$	11,665,208
				See McManeus Exhibit 1 for rate

NON-RESIDENTIAL

				Vintage 4
6	DSM Avoided Cost Component	Duff Exhibit 1, Pg 4, Line 15	$	17,383,684
7	Gross Receipts Tax and Regulatory Fee			1.034554
8	DSM Avoided Cost Component	Line 6 * Line 7	$	17,984,360
9	Billing Factor			85%
10	Non- Residential DSM Revenue Requirement	Line 8 * Line 9	$	15,286,706
11	Projected NC Non-Residential Sales (kWh) for billing period	McManeus Exhibit 4		25,747,908,609
12	**Non-Residential Rider EE (cents per kWh)**	Line 10/Line 11 * 100		**0.0594**

Duke Energy Carolinas **McManeus Exhibit 3**

DSM/EE Revenues Collected from Riders (By Vintage)
Docket Number E-7, Sub 1001
For Vintage 1 and Vintage 2 True-Up Calculations

			Actual 2010 Rider 1	Actual 2011 Rider 2	Estimated 2012 Rider 3	Total
	Residential					
1	EE	v1	25,916,921	6,366,243	18,312,222	50,595,386
2		v2		22,641,166		22,641,166
3	DSM	v1	6,461,100		2,463,020	8,924,121
4		v2		7,259,506		7,259,506
	Non-Res.					
5	EE	v1	7,688,412	860,011	5,593,673	14,142,096
6		v2		7,165,813		7,165,813
7	DSM	v1	5,118,264		5,208,825	10,327,089
8		v2		7,594,483		7,594,483

Duke Energy Carolinas
DSM/EE Cost Recovery Rider 4
Docket Number E-7 Sub 1001
Forecasted kWh Sales for Rate Period

McManeus Exhibit 4

Total 2013

Fall 2011 Sales Forecast - kWhs

North Carolina Retail:

1	Residential	**20,920,337,000**
2	Non-Residential	**34,624,204,000**
3	Total Retail	**55,544,541,000**

Opt Out Sales

		2011 kWh Usage
	Vintage 1 Opt Out	
4	EE	8,246,187,935
5	DSM	8,641,959,403
	Vintage 2 Opt Out	
6	EE	8,114,559,391
7	DSM	9,210,664,843
	Vintage 3 Opt Out	
8	EE	7,677,060,559
9	DSM	8,876,295,391
10	Vintage 4 Opt Out	Use Vintage 3 as proxy

Non-Residental Forecast Sales Less Opt Out

		V1 EE Rate Components	V1 DSM Rate Components	V2 EE Rate Components	V2 DSM Rate Components	V3 EE Rate Components	V4 EE Rate Components	V4 DSM Rate Components
11	Total Non-Residential	34,624,204,000	34,624,204,000	34,624,204,000	34,624,204,000	34,624,204,000	34,624,204,000	34,624,204,000
12	Less V1 EE Opt Out	8,246,187,935						
13	Less V1 DSM Opt Out		8,641,959,403					
14	Less V2 EE Opt Out			8,114,559,391				
15	Less V2 DSM Opt Out				9,210,664,843			
16	Less V3 EE Opt Out					7,677,060,559		
17	Less V3 EE Opt Out						7,677,060,559	
18	Less V3 DSM Opt Out							8,876,295,391
19	Sales for Rider Calculation	**26,378,016,065**	**25,982,244,597**	**26,509,644,609**	**25,413,539,157**	**26,947,143,441**	**26,947,143,441**	**25,747,908,609**

McManeus Exhibit 5 pg. 1

Duke Energy Carolinas
EE Vintage 1 True Up for the Period June 1, 2009 to December 31, 2009
Docket Number E-7, Sub 1001
Allocation Factors

			MWH
SAW Sales Allocator			
1	NC RetailMWH Sales Allocation	Company Records	53,842,194
2	SC Retail MWH Sales Allocation	Company Records	19,906,425
3	Total Retail	Line 1 + Line 2	73,748,619
	Allocation 1 to state based on kWh sales		
4	NC Retail	Line 1 / Line 3	**73.0077318%**

Demand Allocators			**NC**	**SC**	**Total**
5	Residential	Company Records	5,281,284	1,692,049	6,973,333
6	Non Residential	Company Records	6,218,623	2,386,563	8,605,186
7	Total	Line 5 + Line 6	11,499,907	4,078,612	15,578,519
	Allocation 2 to state based on peak demand				
8	NC Retail	Line 7, NC / Line 7 Total	**73.8190004%**		
	Allocation 3 NC res vs non-res Peak Demand to retail system peak				
9	NC Residential	Line 5 / Line 7	**33.9010659%**		
10	NC Non-residential	Line 6 / Line 7	**39.9179344%**		

McManeus Exhibit 5 pg. 2

Duke Energy Carolinas
EE Vintage 1 True Up for the Period January 1, 2010 to December 31, 2010
Docket Number E-7, Sub 1001
Allocation Factors

			MWH
SAW Sales Allocator			
1	NC RetailMWH Sales Allocation	Company Records	57,382,346
2	SC Retail MWH Sales Allocation	Company Records	21,540,084
3	Total Retail	Line 1 + Line 2	78,922,430
	Allocation 1 to state based on kWh sales		
4	NC Retail	Line 1 / Line 3	**72.7072722%**

	Demand Allocators		**NC**	**SC**	**Total**
5	Residential	Company Records	5,494,974	1,731,591	7,226,565
6	Non Residential	Company Records	6,437,669	2,290,766	8,728,435
7	Total	Line 5 + Line 6	11,932,643	4,022,357	15,955,000
	Allocation 2 to state based on peak demand				
8	NC Retail	Line 7, NC / Line 7 Total	**74.7893638%**		
	Allocation 3 NC res vs non-res Peak Demand to retail system peak				
9	NC Residential	Line 5 / Line 7	**34.4404513%**		
10	NC Non-residential	Line 6 / Line 7	**40.3489126%**		

McManeus Exhibit 5 pg. 3

Duke Energy Carolinas
DSM/EE Cost Recovery Rider 4 for the Period January 1, 2011 to December 31, 2011
Docket Number E-7, Sub 1001
Allocation Factors

			MWH		
SAW Sales Allocator					
1	NC RetailMWH Sales Allocation	Company Records	55,966,071		
2	SC Retail MWH Sales Allocation	Company Records	21,019,094		
3	Total Retail	Line 1 + Line 2	76,985,165		
	Allocation 1 to state based on kWh sales				
4	NC Retail	Line 1 / Line 3	**72.6972151%**		
Demand Allocators			**NC**	**SC**	**Total**
5	Residential	Company Records	5,179,896	1,627,477	6,807,373
6	Non Residential	Company Records	6,788,010	2,476,617	9,264,627
7	Total	Line 5 + Line 6	11,967,906	4,104,094	16,072,000
	Allocation 2 to state based on peak demand				
8	NC Retail	Line 7, NC / Line 7 Total	**74.4643230%**		
	Allocation 3 NC res vs non-res Peak Demand to retail system peak				
9	NC Residential	Line 5 / Line 7	**32.2293181%**		
10	NC Non-residential	Line 6 / Line 7	**42.2350050%**		