

Duke Energy Carolinas
Changes to DSM/EE Cost Recovery Vintage 2023 True Up January 1, 2023 - December 31, 2023
Changes from Prior Filing Due to Application of M&V and Participation
System kWh and kW Impacts Net Free Riders at the Plant

Residential Programs

Program Name	Filed in Docket E-7, Sub 1265		Filed in Docket E-7, Sub 1305		Overall Variance		E-7 Sub 1265	E-7 Sub 1305	Delta	Variance attributable to Participation		Variance attributable to Mix of Measures		Variance attributable to EM&V		Sum of Variances	
	kWh	kW	kWh	kW	kWh	kW	System Participation	Participation		kWh	kW	kWh	kW	kWh	kW	kWh	kW
Residential Energy Efficiency Education	13,527,549	(2,299)	4,856,148	554	(8,671,402)	2,852	26,670	7,468	(19,202)	(9,739,633)	1,655	-	-	1,068,231	1,197	(8,671,402)	2,852
Residential Energy Efficient Appliances and Devices	54,068,275	8,508	76,814,772	11,256	22,746,497	2,748	1,826,609	2,655,424	828,815	13,055,581	155	4,983,117	1,563	4,707,799	1,031	22,746,497	2,748
Income-Qualified Energy Efficiency and Weatherization Assistance	9,120,903	2,044	7,403,184	2,470	(1,717,719)	426	12,810	16,250	3,440	2,174,167	934	-	-	(8,891,885)	(508)	(1,717,719)	426
Residential Income-Qualified High-Energy Use Pilot	-	-	171,699	60	171,699	60	-	260	260	-	-	171,699	60	-	-	171,699	60
Residential Multi-Family Energy Efficiency	18,590,827	2,404	12,544,456	2,138	(6,046,371)	(266)	440,728	157,850	(282,878)	(6,523,565)	(356)	-	-	477,194	91	(6,046,371)	(266)
Residential Energy Assessments	14,843,876	1,769	4,252,650	770	(10,591,226)	(999)	125,315	15,818	(109,497)	(8,651,421)	(1,064)	-	-	(1,939,805)	66	(10,591,226)	(999)
Residential New Construction	14,899,275	4,351	5,769,338	1,692	(9,129,938)	(2,660)	12,479,592	4,666,157	(7,813,435)	(9,537,260)	(2,761)	407,323	102	(0)	(0)	(9,129,938)	(2,660)
Residential Smart Saver® - Early Replacement and Retrofit	-	-	223,095	69	223,095	69	-	179	179	-	-	223,095	69	-	-	223,095	69
Residential Smart Saver® Energy Efficiency	7,523,873	2,035	15,724,407	3,333	8,200,534	1,298	23,240	18,829	(4,411)	(95,830)	(59)	487,161	113	7,809,203	1,245	8,200,534	1,298
My Home Energy Report	335,107,189	93,036	374,575,123	69,499	39,467,934	(23,537)	1,368,084	1,493,935	125,851	26,763,994	7,384	-	-	12,703,941	(30,921)	39,467,934	(23,537)
Power Manager®	-	481,410	-	585,986	-	104,576	461,450	566,729	105,279	-	-	107,410	-	(2,834)	-	104,576	84,569
Residential Programs Total	467,681,767	593,257	502,334,871	677,826	34,653,104	84,569	16,764,497	9,598,899	(7,165,598)	7,446,033	113,297	6,272,394	1,907	20,934,677	(30,634)	34,653,104	84,569

Non-Residential Programs

Program Name	Filed in Docket E-7, Sub 1265		Filed in Docket E-7, Sub 1305		Overall Variance		E-7 Sub 1265	E-7 Sub 1305	Delta	Variance attributable to Participation		Variance attributable to Mix of Measures		Variance attributable to EM&V		Sum of Variances	
	kWh	kW	kWh	kW	kWh	kW	System Participation	Participation		kWh	kW	kWh	kW	kWh	kW	kWh	kW
NonResidential Smart Saver® Custom	32,169,842	4,590	15,143,483	2,988	(17,026,359)	(1,603)	21,888	5,374	(16,514)	-	-	(17,026,359)	(1,603)	-	-	(17,026,359)	(1,603)
NonResidential Smart Saver® Custom Energy Assessments	2,763,999	316	245,369	48	(2,518,630)	(268)	1,752	1	(1,751)	-	-	(2,518,630)	(268)	-	-	(2,518,630)	(268)
NonResidential Smart Saver® Energy Efficient Food Service Products	1,865,413	155	2,978,936	218	1,113,522	63	3,164	1,530	(1,634)	108,391	23	375,599	4	629,532	36	1,113,522	63
NonResidential Smart Saver® Energy Efficient HVAC Products	27,110,980	5,000	9,489,979	1,809	(17,621,001)	(3,192)	10,295,937	8,753,064	(1,542,873)	(8,224,146)	(2,135)	(3,590,835)	(431)	(5,806,020)	(625)	(17,621,001)	(3,192)
NonResidential Smart Saver® Energy Efficient IT Products	15,307	-	-	-	(15,307)	-	181	-	(181)	-	-	(15,307)	-	-	-	(15,307)	-
NonResidential Smart Saver® Energy Efficient Lighting Products	175,815,265	31,925	81,223,381	14,839	(94,591,885)	(17,087)	5,600,382	2,931,560	(2,668,822)	(86,701,334)	(16,316)	10,008,630	2,279	(17,899,480)	(3,049)	(94,591,885)	(17,087)
NonResidential Smart Saver® Energy Efficient Process Equipment Products	1,737,823	259	428,415	76	(1,309,408)	(183)	31,821	2,803	(29,018)	(1,131,740)	(176)	(152,095)	(4)	(25,573)	(4)	(1,309,408)	(183)
NonResidential Smart Saver® Energy Efficient Pumps and Drives Products	2,154,687	301	3,213,893	487	1,059,206	185	2,674	2,450	(224)	1,797,583	309	(199,960)	(41)	(538,417)	(82)	1,059,206	185
Non Residential Smart Saver® Performance Incentive	12,764,777	1,457	32,392,470	1,738	19,627,693	281	15,138,247	22	(15,138,225)	-	-	19,627,693	281	-	-	19,627,693	281
Business Energy Saver	61,580,154	11,706	49,176,783	9,983	(12,403,371)	(1,723)	58,868,579	50,561,442	(8,307,137)	(6,941,407)	(711)	(2,792,922)	(497)	(2,669,041)	(515)	(12,403,371)	(1,723)
EnergyWise for Business	756,809	12,222	1,053,496	7,119	296,687	(5,103)	164,769	7,783	(156,986)	296,687	(11,399)	-	-	(0)	6,296	296,687	(5,103)
PowerShare®	-	330,914	-	463,821	-	132,907	310,343	466,733	156,390	-	-	166,756	-	(33,849)	-	132,907	132,907
Non-Residential Programs Total	318,735,056	398,846	195,346,205	503,125	(123,388,851)	104,279	90,439,737	62,732,762	(27,706,975)	(100,795,966)	136,351	3,715,815	(280)	(26,308,700)	(31,792)	(123,388,851)	104,279
Total Residential and Non-Residential Programs	786,416,822	992,103	697,681,076	1,180,951	(88,735,746)	188,848	107,204,234	72,331,661	(34,872,574)	(93,349,933)	249,647	9,988,209	1,627	(5,374,023)	(62,426)	(88,735,746)	188,848

NOTE - The actual per unit impacts are reflective of the following EM&V reports:

Program Name As Filed	Docket	Report Reference	Effective Date
PowerShare®	E-7, Sub 1305	EM&V Report for the PowerShare® Program 2022-2023	6/1/23
NonResidential Smart Saver® Custom	E-7, Sub 1305	2020 – 2021 Smart Saver® Non-Residential Custom Program Evaluation	1/1/24
Residential Energy Assessments	E-7, Sub 1305	DEC/DEP Residential Assessments Evaluation	Varies: 9/11/21; 3/1/19; 3/1/20
Residential Energy Efficient Appliances and Devices	E-7, Sub 1305	Save Energy and Water Kit Program 2020-2021 Evaluation	
Residential Smart Saver®	E-7, Sub 1305	Smart Saver HVAC 2020-2022 Evaluation Report Duke Energy Carolinas and Progress	7/1/21
Power Manager®	E-7, Sub 1305	Power Manager Winter BYOT 2022-2023 Evaluation	4/1/22
Power Manager®	E-7, Sub 1305	Duke Energy Carolinas 2022 Power Manager Evaluation (Summer)	4/1/23
Residential Energy Efficiency Education	E-7, Sub 1305	Energy Efficiency in Schools Program 2021-2022 Evaluation	10/1/21
Power Manager®	E-7, Sub 1305	DEC Power Manager BYOT Winter 2021/2022 Evaluation	8/1/22
NonResidential Smart Saver® Energy Efficient Products and Assessments	E-7, Sub 1305	Duke Energy Carolinas/Duke Energy Progress Non-Residential Smart Saver® Prescriptive Program Evaluation	4/1/22
			1/1/21

OFFICIAL COPY
Feb 27 2024