

**Table 6-14. 2017 DG Program Event Realization Rates by Site**

	Jan	May		Jun			Jul														Aug				Sep		Dec	
ID	9	17	18	12	13	22	3	7	10	11	12	13	14	18	19	20	21	22	24	17	18	21	22	21	25	28	29	
1	49%	77%	84%	82%	93%	96%	86%	93%	88%	96%	101%	105%	105%	87%	92%	100%	105%	99%	91%	95%	107%	99%	101%	88%	82%	50%	50%	
2	38%	85%	95%	89%	89%	97%	97%	93%	99%	105%	112%	119%	113%													71%	83%	
3	74%	60%	85%	89%	89%	93%	102%	104%	113%	114%	116%	117%	117%	91%	110%	116%	117%	116%	114%	110%	114%	115%	117%	100%	104%	88%	84%	
4	70%	99%	97%	91%	94%	99%	89%	87%	99%	99%	101%	105%	103%	83%	99%	60%	106%	103%	100%	95%	104%	97%	103%	100%	101%	66%	66%	
5	63%	85%	89%	93%	91%	90%	91%	82%	94%	96%	97%									90%	101%	92%	101%	88%	81%	57%	50%	
6	65%	78%	85%	89%	87%	86%	85%	74%	89%	90%	92%	95%	94%	76%	87%	94%	98%	93%	89%	80%	97%	88%	94%	88%	0%	64%	63%	
7	60%	75%	81%	88%	91%	92%	88%	75%	89%	89%	92%	100%	107%	78%	96%	99%	96%	98%	92%	79%	94%	95%	94%	87%	87%	85%	86%	
8	139%	92%	103%	96%	85%	104%	117%	113%	128%	137%	134%	138%	136%	102%	121%	129%	134%	136%	123%	121%	148%	128%	143%	123%	105%	130%	132%	
9	165%	133%	145%	153%	153%	143%	141%	131%	137%	143%	141%	151%	154%	117%	146%	149%	149%	153%	148%	141%	150%	144%	151%	128%	140%	133%	142%	
10	157%	99%	109%	90%	94%	117%	117%	108%	116%	118%	121%	132%	131%	102%	126%	130%	129%	131%	125%	118%	130%	123%	129%	113%	116%	145%	147%	
11	195%	181%	188%	182%	186%	183%	178%	174%	191%	200%	206%	207%	208%	157%	196%	189%	199%	197%	193%	188%	200%	189%	196%	185%	181%	192%	211%	
12	90%	36%	37%	97%	105%	102%	106%	98%	101%	105%	110%	110%	100%	82%	104%	106%	107%	110%								71%	73%	
13	157%	130%	143%	114%	119%	127%	122%	120%	146%	125%	157%	157%	131%	108%	128%	134%	132%	135%	127%	129%	136%	135%	137%	111%	113%	106%	116%	
14	124%	96%	107%	106%	106%	101%	104%	86%	99%	107%	106%	67%	0%	1%	1%	1%	42%	2%	41%	93%	108%	95%	106%	95%	100%	113%	118%	
15	135%	115%	128%	134%	101%	0%	135%	1%		64%		152%	84%	114%								145%	151%	133%	132%	93%	109%	
16	109%		97%	97%	116%	111%	104%	105%	109%	113%	122%	123%	122%	88%	108%	108%	108%	122%	117%	116%	128%	116%	126%	73%	77%	82%	85%	
17	54%	93%	86%	101%	97%	95%	101%	91%	96%	103%	108%	116%	117%	79%	101%	104%	104%	116%	111%	104%	114%	111%	114%	99%	98%	70%	65%	
18	153%	0%	0%																					143%	141%	140%	145%	
19	70%	39%	98%	244%	251%	246%	251%	175%	247%	199%	257%	262%	267%	28%	244%	255%	227%	256%	247%	245%	263%	249%	250%	115%	220%	168%	162%	
20	156%	238%	228%	233%	235%	233%	236%	235%	232%	239%	244%	240%	246%	25%	230%	236%	237%	245%	233%	205%	218%	207%	213%	195%	179%	132%	135%	
21	72%	186%	39%	177%			196%	196%	196%	196%	196%	196%			186%	202%	199%	204%	191%	196%	196%	196%	196%		196%	196%	196%	

On the January 9, 2017 event, ten sites met or exceeded the 95% target realization rate and two sites realized less than 50% of the target. The performance of the two winter event days in December showed similar results. Ten sites met or exceeded the 95% target on December 28, and 11 sites met the 95% target on December 29. Both December events had one site that generated less than 50% of the target generation. Site IDs 9, 11 and 13 met or exceeded the target in each 2017 event which they participated.

With the exception of Site ID 14, which possessed low realization rates for consecutive event days in July, most participants in 2017 had event day realization rates that met or exceeded the 95% performance target, as shown by the green cells in the table.



#### 6.2.4.2 Average Indicators to Date – Virginia

Table 6-15 below provides a summary of the planned and enrolled participant values and net kW, as well as the dispatched and realized generation with associated realization rates by month. There are DG program performance metrics for the seven months that had dispatch events—January, May, June, July, August, September, and December. The generated kW was greater than the dispatched load in June, July, August, and September, which is represented by an average realization rate that met or exceeded 95%. In contrast, the events in January, May, and December did not have generated kW totals fulfilling the available resource for all event intervals within that month. The average realization rate for the 2017 program year exceeded the program target by 13%, at 108%.

**Table 6-15. Non-residential DG Program 2017 Monthly Average Performance Metrics**

2017	Planned Participants (MW)	Enrolled Participants (MW)	Net kW Planned	Net kW Enrolled	Event Days	Average Dispatched (kW)	Average Generation (kW)	Average Realization Rate
Jan	7.4	6.1	7,394	6,130	1	6,130	5,157	84%
Feb	No events							
Mar	No events							
Apr	No events							
May	7.4	6.1	7,394	6,130	2	6,030	5,517	91%
Jun	7.4	5.9	7,394	5,940	3	5,832	6,163	106%
Jul	7.4	5.9	7,394	5,940	13	5,509	6,151	112%
Aug	7.4	5.5	7,394	5,450	4	5,386	6,401	119%
Sep	7.4	5.6	7,394	5,640	2	5,563	5,658	102%
Oct	No events							
Nov	No events							
Dec	7.4	6.1	7,394	6,130	2	6,130	5,273	86%

## 7 CLOSED PROGRAMS

This section provides an overview of the four DSM programs that were closed in Virginia and North Carolina in 2015:

- Residential Lighting
- Commercial Lighting
- Commercial HVAC
- Residential Low-Income

### 7.1 Residential Lighting

The Residential Lighting Program closed in Virginia and North Carolina as originally planned at the end of 2011. In Virginia, it began in May 2010 and concluded on December 31, 2011. The program in North Carolina began in mid-2011 and concluded on December 31, 2011. A summary of key program indicators from program inception through December 2012 are provided in Appendix A.18 (VA) and Appendix B.14 (NC).

### 7.2 Commercial Lighting (Virginia & North Carolina)

In its April 30, 2012 Order, the SCC denied approval of the requested additional funding for the Commercial Lighting Program in Virginia. As a result, this program closed July 31, 2012 in Virginia. In an August 13, 2014 Order, the NCUC ordered this program to be closed in North Carolina by the end of 2014. A summary of key program indicators from program inception through December 31, 2014 are provided in Appendix A.20 for Virginia and Appendix B.16 in North Carolina.

### 7.3 Commercial HVAC Upgrade (Virginia & North Carolina)

In its April 30, 2012 Order, the SCC denied approval of the requested additional funding for the Commercial HVAC Upgrade Program in Virginia. As a result, this program closed on July 31, 2012. In an August 13, 2014 Order, the NCUC ordered this program to be closed in North Carolina by the end of 2014. A summary of key program indicators from program inception through December 31, 2014 are provided in Appendix A.21 for Virginia and Appendix B.17 in North Carolina.

### 7.4 Residential Low-Income (Virginia & North Carolina)

The Residential Low-Income program was closed in Virginia at the end of 2014 and replaced by the Residential Income and Age Qualifying Home Improvement program, which was approved by the SCC on April 24, 2015. Similarly, on September 9, 2014, the NCUC closed the Residential Low-Income program in North Carolina after 2015, and replaced it with the Income and Age Qualifying Home Improvement Program in 2016 (approved October 6, 2015). The program in Virginia was designed to expire in early 2018, and the NCUC suspended the program in North Carolina (Docket No. E-22, Sub 523) at Dominion Energy's request. On October 3, 2017, the Company requested a program extension (Case No. PUR-2017-00129) and is awaiting the SCC's decision. A summary of key program indicators from program inception through



December 31, 2014 in Virginia are provided in Appendix A.19, and through December 2015 in North Carolina in Appendix B.15.