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Jul 26 2024

July 25, 2024

**VIA ELECTRONIC FILING**

Ms. Shonta Dunston, Chief Clerk  
North Carolina Utilities Commission  
4325 Mail Service Center  
Raleigh, NC 27699-4300

**Re: CUCA Exhibits**  
***Docket No. E-100, Sub 190A***

Dear Ms. Dunston:

Attached for filing please find the following exhibits, which CUCA introduced and discussed during the hearing on this matter on July 25, 2024:

- CUCA Cross Reliability and Operational Resilience Panel Direct Exhibit 1

A certificate of service is attached to this letter. Please do not hesitate to contact me should any questions arise in connection with this filing.

Sincerely,

BROOKS, PIERCE, McLENDON,  
HUMPHREY & LEONARD, LLP

/s/ Matthew B. Tynan  
Matthew B. Tynan  
Direct Dial: (336) 271-3171  
e-mail: [mtynan@brookspierce.com](mailto:mtynan@brookspierce.com)

cc: Parties of Record

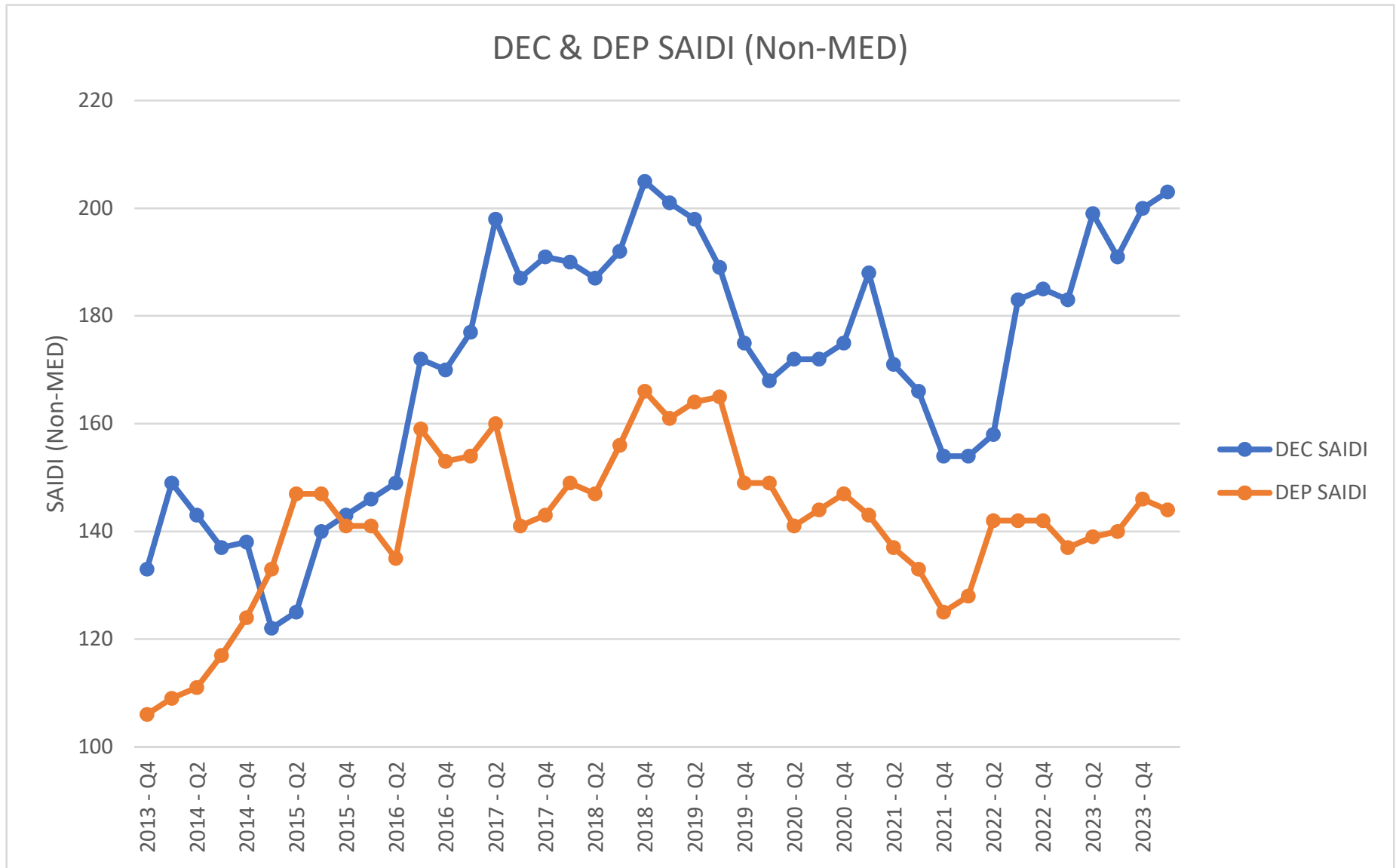
**CERTIFICATE OF SERVICE**

I hereby certify that the CUCA Exhibit introduced on July 25, 2024, as filed in Docket No. E-100, Sub 190A, was served upon the parties of record in this proceeding by electronic mail on July 25, 2024.

This the 25th day of July, 2024.

BROOKS, PIERCE, MCLENDON,  
HUMPHREY & LEONARD, L.L.P.

/s/ Matthew B. Tynan  
Matthew B. Tynan



**Duke Energy Carolinas, LLC and Duke Energy Progress, Inc.  
Distribution Service Quality Report  
Fourth Quarter 2013**

1. **Commission Rule R8-40A Service Reliability Index Reporting**  
**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 12/31/13	0.92	133	1.15	247
North Carolina – Duke Energy Progress, Inc.	12 Months Ending 12/31/13	1.24	106	1.67	277

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**  
**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 3/31/14	0.98	149	1.50	720
North Carolina – Duke Energy Progress, Inc.	12 Months Ending 3/31/14	1.24	109	2.14	547

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**  
**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 6/30/14	0.93	143	1.30	615
North Carolina – Duke Energy Progress, Inc.	12 Months Ending 6/30/14	1.16	111	1.76	441

Notes:

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**  
**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 9/30/14	0.94	137	1.29	604
North Carolina – Duke Energy Progress, Inc.	12 Months Ending 9/30/14	1.18	117	1.82	461

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**

**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 12/31/14	0.94	138	1.30	606
North Carolina – Duke Energy Progress, Inc.	12 Months Ending 12/31/14	1.22	124	1.86	469

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

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1. **Commission Rule R8-40A Service Reliability Index Reporting**

**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 3/31/15	0.90	122	1.04	183
North Carolina – Duke Energy Progress, Inc.	12 Months Ending 3/31/15	1.26	133	1.70	301

**Notes:**

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SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

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1. **Commission Rule R8-40A Service Reliability Index Reporting**

**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 6/30/15	0.91	125	1.04	185
North Carolina – Duke Energy Progress, Inc.	12 Months Ending 6/30/15	1.37	147	1.71	293

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**  
**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 9/30/15	0.97	140	1.11	202
North Carolina – Duke Energy Progress, Inc.	12 Months Ending 9/30/15	1.35	147	1.66	278

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**  
**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 12/31/15	0.99	143	1.17	213
North Carolina – Duke Energy Progress, LLC	12 Months Ending 12/31/15	1.41	141	1.72	275

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

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SAIDI = System Average Interruption Duration Index

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All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**

**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 3/31/16	0.99	146	1.18	215
North Carolina – Duke Energy Progress, LLC	12 Months Ending 3/31/16	1.36	141	1.72	357

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**

**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 6/30/16	1.02	149	1.22	222
North Carolina – Duke Energy Progress, LLC	12 Months Ending 6/30/16	1.28	135	1.69	362

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**  
**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 9/30/16	1.09	172	1.37	327
North Carolina – Duke Energy Progress, LLC	12 Months Ending 9/30/16	1.38	159	1.90	419

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**

**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 12/31/16	1.07	170	1.37	338
North Carolina – Duke Energy Progress, LLC	12 Months Ending 12/31/16	1.30	153	2.57	1790

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.



1. **Commission Rule R8-40A Service Reliability Index Reporting**

**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 3/31/17	1.12	177	1.33	306
North Carolina – Duke Energy Progress, LLC	12 Months Ending 3/31/17	1.30	154	2.22	1570

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**

**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 6/30/17	1.17	198	1.45	336
North Carolina – Duke Energy Progress, LLC	12 Months Ending 6/30/17	1.36	160	2.24	1568

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**

**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 9/30/17	1.13	187	1.37	289
North Carolina – Duke Energy Progress, LLC	12 Months Ending 9/30/17	1.28	141	2.08	1541

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**  
**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 3/31/18	1.09	190	1.39	390
North Carolina – Duke Energy Progress, LLC	12 Months Ending 3/31/18	1.32	149	1.51	226

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**

**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 6/30/18	1.07	187	1.35	428
North Carolina – Duke Energy Progress, LLC	12 Months Ending 6/30/18	1.25	147	1.47	230

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**

**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 9/30/18	1.06	192	1.45	444
North Carolina – Duke Energy Progress, LLC	12 Months Ending 9/30/18	1.31	156	2.52	3077

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**

**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 12/31/18	1.09	205	1.80	919
North Carolina – Duke Energy Progress, LLC	12 Months Ending 12/31/18	1.35	166	2.99	3680

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**

**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 3/31/19	1.08	201	1.84	970
North Carolina – Duke Energy Progress, LLC	12 Months Ending 3/31/19	1.33	161	2.89	3656

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.



1. **Commission Rule R8-40A Service Reliability Index Reporting**

**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 6/30/19	1.10	198	1.88	965
North Carolina – Duke Energy Progress, LLC	12 Months Ending 6/30/19	1.39	164	3.05	3671

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**  
**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 9/30/19	1.08	189	1.73	901
North Carolina – Duke Energy Progress, LLC	12 Months Ending 9/30/19	1.39	165	2.18	630

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

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SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**  
**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 12/31/19	1.07	175	1.30	309
North Carolina – Duke Energy Progress, LLC	12 Months Ending 12/31/19	1.29	149	1.63	266

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**  
**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 3/31/20	1.06	168	1.31	278
North Carolina – Duke Energy Progress, LLC	12 Months Ending 3/31/20	1.28	149	1.77	348

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**  
**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 6/30/20	1.11	172	1.39	319
North Carolina – Duke Energy Progress, LLC	12 Months Ending 6/30/20	1.28	141	1.77	359

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**  
**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 9/30/20	1.16	172	1.44	317
North Carolina – Duke Energy Progress, LLC	12 Months Ending 9/30/20	1.31	144	1.86	412

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

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SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**  
**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 12/31/20	1.19	175	1.63	521
North Carolina – Duke Energy Progress, LLC	12 Months Ending 12/31/20	1.36	147	1.98	429

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**  
**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 3/31/21	1.29	188	1.75	586
North Carolina – Duke Energy Progress, LLC	12 Months Ending 3/31/21	1.33	143	1.83	431

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

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All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.



1. **Commission Rule R8-40A Service Reliability Index Reporting**

**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 6/30/21	1.21	171	1.53	481
North Carolina – Duke Energy Progress, LLC	12 Months Ending 6/30/21	1.26	137	1.62	376

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**  
**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 9/30/21	1.14	166	1.49	484
North Carolina – Duke Energy Progress, LLC	12 Months Ending 9/30/21	1.23	133	1.41	237

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

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SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

1. **Commission Rule R8-40A Service Reliability Index Reporting**  
**Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 12/31/21	1.10	154	1.25	259
North Carolina – Duke Energy Progress, LLC	12 Months Ending 12/31/21	1.16	125	1.27	211

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

**Notes:**

MEDs = Major Event Days

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SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

**1. Commission Rule R8-40A Service Reliability Index Reporting  
Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 3/31/22	1.11	154	1.31	241
North Carolina – Duke Energy Progress, LLC	12 Months Ending 3/31/22	1.18	128	1.43	218

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

Notes:

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

**1. Commission Rule R8-40A Service Reliability Index Reporting  
Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 6/30/22	1.15	158	1.44	286
North Carolina – Duke Energy Progress, LLC	12 Months Ending 6/30/22	1.24	142	1.67	312

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

Notes:

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

**1. Commission Rule R8-40A Service Reliability Index Reporting  
Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 9/30/22	1.30	183	1.64	391
North Carolina – Duke Energy Progress, LLC	12 Months Ending 9/30/22	1.25	142	1.94	477

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

Notes:

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

**1. Commission Rule R8-40A Service Reliability Index Reporting  
Quarterly Report**

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 12/31/22	1.31	185	1.95	483
North Carolina – Duke Energy Progress, LLC	12 Months Ending 12/31/22	1.28	142	2.29	690

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

Notes:

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

**1. Commission Rule R8-40A Service Reliability Index Reporting  
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Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 06/30/2023	1.38	199	1.81	394
North Carolina – Duke Energy Progress, LLC	12 Months Ending 06/30/2023	1.27	139	1.92	540

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

Notes:

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.



**1. Commission Rule R8-40A Service Reliability Index Reporting  
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Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 09/30/2023	1.37	191	1.86	425
North Carolina – Duke Energy Progress, LLC	12 Months Ending 09/30/2023	1.24	140	1.85	444

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

Notes:

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

**MEDs by Reporting Period**

MED Region	Date Range	MED	Non-MED
Carolinas West**	12 Months Ending 09/30/2023	13	352
Carolinas East**	12 Months Ending 09/30/2023	13	352
Carolinas West**	YTD 09/30/2023	9	264
Carolinas East**	YTD 09/30/2023	9	264

\*\*Carolinas East and West MED Regions contain a blend of jurisdictional boundaries.

**1. Commission Rule R8-40A Service Reliability Index Reporting  
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Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 12/31/2023	1.44	200	1.64	345
North Carolina – Duke Energy Progress, LLC	12 Months Ending 12/31/2023	1.25	146	1.54	241

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

Notes:

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

**MEDs by Reporting Period**

MED Region	Date Range	MED	Non-MED
Carolinas West**	12 Months Ending 12/31/2023	4	359
Carolinas East**	12 Months Ending 12/31/2023	6	361
Carolinas West**	YTD 12/31/2023	4	359
Carolinas East**	YTD 12/31/2023	6	361

\*\*Carolinas East and West MED Regions contain a blend of jurisdictional boundaries.

**1. Commission Rule R8-40A Service Reliability Index Reporting**  
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Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
North Carolina – Duke Energy Carolinas, LLC	12 Months Ending 3/31/2024	1.45	203	1.71	375
North Carolina – Duke Energy Progress, LLC	12 Months Ending 3/31/2024	1.20	144	1.59	272

\*Devices include circuit breakers, reclosers, line fuses, switches, and sectionalizers.

Notes:

MEDs = Major Event Days

SAIDI = System Average Interruption Duration Index

SAIFI = System Average Interruption Frequency Index

All Sustained Interruptions (outages with durations exceeding 5 minutes) are included, except for MEDs as noted above.

**MEDs by Reporting Period**

MED Region	Date Range	MED	Non-MED
Carolinas West**	12 Months Ending 3/31/2024	4	362
Carolinas East**	12 Months Ending 3/31/2024	8	358
Carolinas West**	YTD 3/31/2024	1	119
Carolinas East**	YTD 3/31/2024	2	118

\*\*Carolinas East and West MED Regions contain a blend of jurisdictional boundaries.