Duke Energy Progress, LLC
North Carolina Annual Fuel and Fuel-Related Expense
Monthly Fuel and Baseload Report for March 2024
Twelve Months Ended March 31, 2024
Docket No. E-2, Sub 1341

Harrington Exhibit 8

March 2024
Monthly Fuel Filing and Baseload Report Cover Sheet

Schedule 1

DUKE ENERGY PROGRESS
SUMMARY OF MONTHLY FUEL REPORT

Docket No. E-2, Sub 1332

Line No.	Fuel Expenses:	March 2024	12 Months Ended March 2024
1	Total Fuel and Fuel-Related Costs	$ 128,368,513	$ 1,741,816,173
	MWH sales:		
2	Total System Sales	4,736,360	67,329,218
3	Less intersystem sales	425,998	7,604,138
4	Total sales less intersystem sales	4,310,362	59,725,080
5	Total fuel and fuel-related costs (¢/KWH) (Line 1/Line 4)	2.978	2.916
6	Current fuel & fuel-related cost component (¢/KWH) (per Schedule 4, Line 5a Total)	2.652	
	Generation Mix (MWH):		
	Fossil (By Primary Fuel Type):		
7	Coal	411,811	6,279,473
8	Oil	5,658	81,857
9	Natural Gas - Combustion Turbine	200,839	1,477,240
10	Natural Gas - Combined Cycle	897,692	20,702,942
11	Biogas	590	14,979
12	Total Fossil	1,516,589	28,556,491
13	Nuclear	2,360,351	31,077,817
14	Hydro - Conventional	92,326	609,629
15	Solar Distributed Generation	21,330	263,756
16	Total MWH generation	3,990,596	60,507,693

Notes:
Detail amounts may not add to totals shown due to rounding.

Schedule 2

DUKE ENERGY PROGRESS
DETAILS OF FUEL AND FUEL-RELATED COSTS

Docket No. E-2, Sub 1332

Description	March 2024	12 Months Ended March 2024
Fuel and Fuel-Related Costs:		
Steam Generation - Account 501		
0501110 coal consumed - steam	$ 20,675,288	$ 293,046,305
0501310 fuel oil consumed - steam	1,257,302	12,035,614
Total Steam Generation - Account 501	21,932,590	305,081,919
Nuclear Generation - Account 518		
0518100 burnup of owned fuel	14,881,843	195,026,155
Other Generation - Account 547		
0547000 natural gas consumed - Combustion Turbine	9,976,441	78,359,860
0547000 natural gas consumed - Combined Cycle	48,104,901	810,745,892
0547106 biogas consumed - Combined Cycle	41,050	674,461
0547200 fuel oil consumed	76,210	10,113,508
Total Other Generation - Account 547	58,198,602	899,893,721
Reagents		
Reagents (lime, limestone, ammonia, urea, dibasic acid, and sorbents)	709,687	12,930,260
Total Reagents	709,687	12,930,260
By-products		
Net proceeds from sale of by-products	3,007,144	15,763,962
Total By-products	3,007,144	15,763,962
Total Fossil and Nuclear Fuel Expenses		
Included in Base Fuel Component	98,729,866	1,428,696,017
Purchased Power and Net Interchange - Account 555		
Capacity component of purchased power (PURPA)	3,894,319	56,618,322
Capacity component of purchased power (renewables)	1,968,699	30,355,601
Fuel and fuel-related component of purchased power	31,522,273	413,176,028
Total Purchased Power and Net Interchange - Account 555	37,385,292	500,149,951
Less:		
Fuel and fuel-related costs recovered through intersystem sales	7,186,654	185,995,055
Solar Integration Charge	(9)	119
Miscellaneous Fees Collected	560,000	1,034,620
Total Fuel Credits - Accounts 447/456	7,746,645	187,029,794
Total Fuel and Fuel-Related Costs	$ 128,368,513	$ 1,741,816,173

NOTE: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY PROGRESS
PURCHASED POWER AND INTERCHANGE
SYSTEM REPORT - NORTH CAROLINA VIEW

Schedule 3, Purchases

March 2024

Purchased Power	Total	Capacity	Non-capacity			
Economic Purchases	**$**	**$**	**mWh**	**Fuel $**	**Fuel-related $**	**Not Fuel $ / Not Fuel-related $**
Broad River Energy, LLC	$ 6,627,172	$ 5,301,569	15,354	$ 1,006,639	$ 318,964	-
City of Fayetteville	1,009,700	708,500	2,369	203,027	98,173	-
DE Carolinas - Native Load Transfer	2,293,528	-	154,773	1,874,122	377,241	$ 42,164
DE Carolinas - Native Load Transfer Benefit	505,607	-	-	505,607	-	-
DE Carolinas - Fees	-	-	-	-	-	-
Haywood EMC	32,400	32,400	-	-	-	-
NCEMC	3,408,910	3,228,950	4,625	121,307	58,653	-
PJM Interconnection, LLC	(2,304)	-	-	(3,132)	828	-
Southern Company Services	4,796,084	2,027,654	100,618	2,156,730	611,700	-
	$ 18,671,097	**$ 11,299,073**	**277,739**	**$ 5,864,300**	**$ 1,465,559**	**$ 42,164**
Renewable Energy Purchases						
NC REPS	$ 9,459,757	-	154,600	-	$ 9,459,757	-
SC DERP Qualifying Facilities	111,449	-	2,469	-	108,797	$ 2,652
SC DERP Net Metering Excess Generation	19,207	$ -	658	-	-	19,207
SC Act 62 Net Metering Excess Generation	2,205	-	57	-	2,008	198
NC Net Metering Excess Generation	881	13	26	-	772	96
	$ 9,593,499	**$ 13**	**157,810**	**-**	**9,571,334**	**22,153**
HB589 PURPA Purchases						
NC Other Qualifying Facilities	$ 20,374,677	-	378,441	-	$ 20,374,677	-
NC CPRE - Purchased Power	189,629	-	6,622	-	-	$ 189,629
	$ 20,564,306	**$ -**	**385,063**	**$ -**	**$ 20,374,677**	**189,629**
Non-dispatchable Purchases						
DE Carolinas - Emergency	-	-	-	-	-	-
DE Carolinas - Reliability	$ 133,200	-	2,960	$ 103,044	-	$ 30,156
Dominion Energy South Carolina - Emergency	-	-	-	-	-	-
PJM Interconnection, LLC - Reliability	-	-	-	-	-	-
Virginia Electric and Power Company - Emergenc	-	-	-	-	-	-
Energy Imbalance	7,216	-	407	6,301	-	915
Generation Imbalance	95	-	52	77	-	18
	$ 140,511	**$ -**	**3,419**	**$ 109,422**	**-**	**$ 31,089**
Total Purchased Power	**$ 48,969,413**	**$ 11,299,086**	**824,031**	**$ 5,973,722**	**$ 31,411,570**	**$ 285,035**

NOTE: Detail amounts may not add to totals shown due to rounding.
CPRE purchased power amounts are recovered through the CPRE Rider.
"Not Fuel $/Not Fuel-related $" amounts are based on estimates and are subject to change.

DUKE ENERGY PROGRESS
INTERSYSTEM SALES*
SYSTEM REPORT - NORTH CAROLINA VIEW

March 2024

Sales	Total $	Capacity $	Non-capacity mWh	Non-capacity Fuel $	Non-capacity Non-fuel $
Utilities:					
DE Carolinas - As Available Capacity	$ 2,133	$ 2,133	-	-	-
DE Carolinas - Emergency	-	-	-	-	-
Dominion Energy South Carolina, Inc. - Emergency	-	-	-	-	$ -
South Carolina Public Service Authority - Emergency	-	-	-	-	-
Market Based:					
NCEMC Purchase Power Agreement	956,821	652,500	11,585	$ 291,450	12,871
PJM Interconnection, LLC	313,314	-	23,500	299,769	13,545
Other:					
DE Carolinas - Native Load Transfer	6,433,622	-	390,868	5,886,146	547,477
DE Carolinas - Native Load Transfer Benefit	709,289	-	-	709,289	-
Generation Imbalance	-	-	45	-	(0)
Total Intersystem Sales	**$ 8,415,179**	**$ 654,633**	**425,998**	**$ 7,186,654**	**$ 573,893**

* Sales for resale other than native load priority.
NOTE: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY PROGRESS
PURCHASED POWER AND INTERCHANGE
SYSTEM REPORT - NORTH CAROLINA VIEW

Twelve Months Ended
March 2024

Purchased Power	Total	Capacity	Non-capacity			
Economic Purchases	**$**	**$**	**mWh**	**Fuel $**	**Fuel-related $**	**Not Fuel $ Not Fuel-related $**
Broad River Energy, LLC	$ 54,312,243	$ 35,211,978	302,278	$ 14,838,423	$ 4,261,842	-
City of Fayetteville	16,068,126	12,721,000	28,114	2,578,832	768,295	-
DE Carolinas - Native Load Transfer	24,183,886	-	884,934	20,043,456	3,798,768	$ 341,662
DE Carolinas - Native Load Transfer Benefit	3,189,067	-	-	3,189,068	-	-
DE Carolinas - Fees	5,380	-	-	-	5,380	-
Haywood EMC	376,565	376,565	-	-	-	-
NCEMC	49,893,201	41,241,204	139,493	8,101,766	550,229	-
PJM Interconnection, LLC	146,484	-	4,675	103,305	43,180	-
Southern Company Services	73,683,388	25,321,760	1,339,733	41,060,925	7,300,704	-
	$ 221,858,340	**$ 114,872,507**	**2,699,227**	**$ 89,915,775**	**$ 16,728,398**	**$ 341,662**
Renewable Energy Purchases						
NC REPS	$ 134,899,247	-	2,124,517	-	$ 134,899,247	-
SC DERP Qualifying Facilities	1,160,820	-	28,222	-	1,121,604	$ 39,214
SC DERP Net Metering Excess Generation	24,611	$ 104	845	-	-	24,508
SC Act 62 Net Metering Excess Generation	15,240	-	527	-	13,585	1,656
NC Net Metering Excess Generation	1,269	19	37	-	1,112	138
	$ 136,101,187	**$ 123**	**2,154,148**	**$ -**	**$ 136,035,548**	**$ 65,516**
HB589 PURPA Purchases						
NC Other Qualifying Facilities	$ 250,037,300	-	4,417,870	-	$ 250,037,300	-
NC CPRE - Purchased Power	5,835,157	-	156,353	-	$ -	$ 5,835,157
	$ 255,872,457	**-**	**4,574,223**	**-**	**$ 250,037,300**	**5,835,157**
Non-dispatchable Purchases						
DE Carolinas - Emergency	$ 154,037	-	5,320	$ 119,164	-	$ 34,873
DE Carolinas - Reliability	9,299,163	2,083	104,629	7,192,220	-	2,104,860
Dominion Energy South Carolina - Emergency	-	-	-	-	-	-
PJM Interconnection, LLC - Reliability	(48,337)	-	-	(37,393)	-	(10,944)
Virginia Electric and Power Company - Emergenc	-	-	-	-	-	-
Energy Imbalance	133,792	-	5,557	122,682	-	11,111
Generation Imbalance	43,151	-	3,060	36,258	-	6,894
	$ 9,581,806	**2,083**	**118,566**	**$ 7,432,931**	**-**	**$ 2,146,794**
Total Purchased Power	**$ 623,413,790**	**$ 114,874,713**	**9,546,164**	**$ 97,348,706**	**$ 402,801,246**	**$ 8,389,129**

NOTE: Detail amounts may not add to totals shown due to rounding.
CPRE purchased power amounts are recovered through the CPRE Rider.
"Not Fuel $/Not Fuel-related $" amounts are based on estimates and are subject to change.

DUKE ENERGY PROGRESS
INTERSYSTEM SALES*
SYSTEM REPORT - NORTH CAROLINA VIEW

Twelve Months Ended
March 2024

Sales	Total $	Capacity $	Non-capacity mWh	Non-capacity Fuel $	Non-capacity Non-fuel $
Utilities:					
DE Carolinas - As Available Capacity	$ 28,954	$ 28,954	-	-	-
DE Carolinas - Emergency	-	-	-	-	-
Dominion Energy South Carolina, Inc. - Emergency	23,020	-	639	$ 9,401	$ 13,618
South Carolina Public Service Authority - Emergency	-	-	-	-	-
Market Based:					
NCEMC Purchase Power Agreement	12,391,455	7,830,000	129,459	3,417,056	1,144,398
PJM Interconnection, LLC	3,922,057	-	150,725	3,219,812	702,241
Other:					
DE Carolinas - Native Load Transfer	162,145,587	-	7,322,769	151,650,333	10,495,255
DE Carolinas - Native Load Transfer Benefit	27,690,978	-	-	27,690,978	-
Generation Imbalance	4,802	-	546	7,475	(2,673)
Total Intersystem Sales	**$ 206,206,853**	**$ 7,858,954**	**7,604,138**	**$ 185,995,055**	**$ 12,352,839**

* Sales for resale other than native load priority.
NOTE: Detail amounts may not add to totals shown due to rounding.

Schedule 4

DUKE ENERGY PROGRESS
(OVER) / UNDER RECOVERY OF FUEL COSTS
MARCH 2024

Line No.			Residential	Small General Service	Medium General Service	Large General Service	Lighting	Total
1	1a. System Retail kWh sales	Input						4,310,362,286
	1b. System kWh Sales at generation	Input						4,440,559,519
2	2a. DERP Net Metered kWh generation	Input						2,577,234
	2b. Line loss percentage from Cost of Service	Input Annually						3.261%
	2c. DERP Net Metered kWh at generation	L2a / (1 - 2b)						2,664,110
3	Adjusted System kWh sales	L1b + L2c						4,443,223,630
4	4a. N.C. Retail kWh sales	Input	1,175,029,838	141,357,449	774,758,762	609,073,364	27,573,572	2,727,792,986
	4b. Line loss percentage from Cost of Service	Input Annually	3.785%	3.779%	3.620%	2.760%	3.745%	
	4c. NC kWh Sales at generation	L4a / (1 - L4b)	1,221,254,314	146,909,146	803,858,438	626,360,926	28,646,379	2,827,029,203
	4d. NC allocation % by customer class	Calculated	43.199%	5.197%	28.435%	22.156%	1.013%	
	4e. NC retail % of actual system total	L4c NC Total / L1b Total System						63.664%
	4f. NC retail % of adjusted system total	L4c NC Total / L3 Total System						63.626%
5	Approved fuel and fuel-related rates (¢/kWh)							
	5a Billed rates by class (¢/kWh)	Input Annually	2.882	3.283	2.563	2.112	4.051	2.652
	5b Billed fuel expense	L4a * L5a / 100	$33,867,087	$4,641,187	$19,857,447	$12,862,342	$1,117,032	$72,345,095
	Rate changes:							
	5c New approved rates	Input Annually	2.882	3.284	2.563	2.112	4.051	
	5d Ratio of days to new rate	Input	100.31%	99.62%	99.71%	100.81%	100.01%	
	5e Prior approved rates	Input Annually	2.808	3.097	2.580	2.138	3.376	
	5f Ratio of days to old rate	Input	-0.31%	0.38%	0.29%	-0.81%	-0.01%	
	5g Total prorated ¢/KWH	(L5c * L5d) + (L5e * L5f)	2.882	3.283	2.563	2.112	4.051	
6	Incurred base fuel and fuel-related (less renewable purchased power capacity) rates by class (¢/kWh)							
	6a NC Docket E-2, Sub 1321 allocation factor	Input Annually	47.725%	5.076%	26.654%	19.022%	1.524%	100.000%
	6b System incurred expense	Input						$122,570,795
	6c NC incurred expense by class	L4f * L6a * L6b	$37,219,246	$3,958,369	$20,786,265	$14,834,876	$1,188,139	$77,986,894
	6d NC Incurred base fuel rates (¢/kWh)	L6c / L4a * 100	3.168	2.800	2.683	2.436	4.309	2.859
7	Incurred renewable purchased power capacity rates (¢/kWh)							
	7a NC retail production demand %	Input Annually						62.12%
	7b Production demand allocation factors	Input Annually	56.63%	21.17%	7.49%	13.72%	0.99%	100.000%
	7c System incurred expense	Input						5,863,018
	7d NC incurred renewable capacity expense	L7a* L7b* L7c	$2,062,624	$771,145	$272,732	$499,588	$35,948	$3,642,036
	7e NC incurred rates by class	L7d / L4a * 100	0.176	0.546	0.035	0.082	0.130	0.134
8	Total incurred rates by class (¢/kWh)	L6h + 7e	3.343	3.346	2.718	2.518	4.439	
9	Difference in ¢/kWh (incurred - billed)	L8 - L5a	0.461	0.062	0.155	0.406	0.388	
10	(Over) / under recovery [See footnote]	L9 * L4a / 100	**$5,414,783**	**$88,327**	**$1,201,550**	**$2,472,121**	**$107,054**	**$9,283,835**
11	Adjustments	Input						
12	Total (over) / under recovery [See footnote]	L10 + L11	**$5,414,783**	**$88,327**	**$1,201,550**	**$2,472,121**	**$107,054**	**$9,283,835**
13	Total System Incurred Expenses							128,433,813
14	Less: Jurisdictional allocation adjustment	Input						65,300
15	Total Fuel and Fuel-related Costs per Schedule 2							$128,368,513

16 (Over) / under recovery for each month of the current test period [See footnote]

		(Over) / Under Recovery						
		Total To Date	Residential	Small General Service	Medium General Service	Large General Service	Lighting	Total Company
	April 2023	($3,351,060)	779,881	(303,071)	(2,812,021)	(934,156)	(81,693)	($3,351,060)
	May 2023	($4,106,116)	3,736,228	(503,785)	(2,921,640)	(971,253)	(94,606)	($755,056)
_/1	June 2023	$11,391,981	10,800,566	440,830	1,591,989	2,444,633	220,079	$15,498,097
	July 2023	$36,853,059	11,195,476	844,868	5,638,158	7,242,059	540,517	$25,461,078
	August 2023	$50,155,482	5,119,521	(21,729)	3,190,816	4,500,011	513,804	$13,302,423
	September 2023	$50,120,297	611,916	(722,776)	(2,179,933)	2,012,145	243,463	($35,185)
	October 2023	$41,314,813	(3,148,117)	(1,093,968)	(2,570,944)	(1,855,549)	(136,906)	($8,805,484)
	November 2023	$52,698,084	9,620,458	961,224	(1,428,971)	2,074,776	155,784	$11,383,271
	December 2023	$62,871,605	4,229,215	224,272	1,734,369	3,676,409	309,256	$10,173,521
	January 2024	$99,866,394	10,534,199	1,045,931	13,074,747	11,438,839	901,073	$36,994,789
	February 2024	$101,621,097	(1,207,879)	(475,217)	2,185,534	1,022,255	230,010	$1,754,703
	March 2024	$110,904,932	5,414,783	88,327	1,201,550	2,472,121	107,054	$9,283,835
	Total		**$57,686,247**	**$484,906**	**$16,703,654**	**$33,122,290**	**$2,907,835**	**$110,904,932**

Notes:

Detail amounts may not recalculate due to percentages presented as rounded.

Presentation of (over)/under collected amounts reflects a regulatory asset or liability. Over collections, or regulatory liabilities, are shown as negative amounts. Under collections, or regulatory assets, are shown as positive amounts.

_/1 Includes prior period adjustments.

Duke Energy Progress
Fuel and Fuel Related Cost Report
MARCH 2024

Description	Mayo Steam	Roxboro Steam	Asheville CC/CT	Smith Energy Complex CC/CT	Sutton CC/CT	Lee CC	Blewett CT
Cost of Fuel Purchased ($)							
Coal	$ 3,906,513	$ 23,198,316	-	-	-	-	-
Oil	368,480	805,442	-	-	-	-	-
Gas - CC	-	-	9,345,957	8,891,831	18,852,538	11,014,574	-
Gas - CT	-	-	683,656	8,327,186	199,476	-	-
Biogas	-	-	-	443,920	-	-	-
Total	$ 4,274,993	$ 24,003,758	$ 10,029,613	$ 17,662,937	$ 19,052,014	$ 11,014,574	$ -
Average Cost of Fuel Purchased (¢/MBTU)							
Coal	449.84	430.63	-	-	-	-	-
Oil	2,224.31	2,224.85	-	-	-	-	-
Gas - CC	-	-	755.73	682.09	710.18	739.00	-
Gas - CT	-	-	669.08	564.07	1,938.17	-	-
Biogas	-	-	-	4,767.69	-	-	-
Weighted Average	483.06	442.60	749.11	633.26	714.92	739.00	-
Cost of Fuel Burned ($)							
Coal	$ 4,806,990	$ 15,868,298	-	-	-	-	-
Oil - CC	-	-	-	-	-	-	-
Oil - Steam/CT	552,883	704,419	$ (26,425)	$ 31,975	29,080	-	-
Gas - CC	-	-	9,345,957	8,891,831	$ 18,852,538	$ 11,014,574	-
Gas - CT	-	-	683,656	8,327,186	199,476	-	-
Biogas	-	-	-	443,920	-	-	-
Nuclear	-	-	-	-	-	-	-
Total	$ 5,359,873	$ 16,572,717	$ 10,003,188	$ 17,694,912	$ 19,081,094	$ 11,014,574	$ -
Average Cost of Fuel Burned (¢/MBTU)							
Coal	473.22	441.45	-	-	-	-	-
Oil - CC	-	-	-	-	-	-	-
Oil - Steam/CT	2,211.44	2,206.62	(19,430.15)	1,937.88	2,002.75	-	-
Gas - CC	-	-	755.73	682.09	710.18	739.00	-
Gas - CT	-	-	669.08	564.07	1,938.17	-	-
Biogas	-	-	-	4,767.69	-	-	-
Nuclear	-	-	-	-	-	-	-
Weighted Average	514.97	456.99	747.06	634.03	715.62	739.00	-
Average Cost of Generation (¢/kWh)							
Coal	4.56	5.18	-	-	-	-	-
Oil - CC	-	-	-	-	-	-	-
Oil - Steam/CT	21.32	25.14	(251.86)	20.49	27.23	-	-
Gas - CC	-	-	4.84	7.41	5.04	5.22	-
Gas - CT	-	-	8.21	4.59	26.52	-	-
Biogas	-	-	-	75.21	-	-	-
Nuclear	-	-	-	-	-	-	-
Weighted Average	4.97	5.36	4.97	5.86	5.09	5.22	-
Burned MBTU's							
Coal	1,015,808	3,594,578	-	-	-	-	-
Oil - CC	-	-	-	-	-	-	-
Oil - Steam/CT	25,001	31,923	136	1,650	1,452	-	-
Gas - CC	-	-	1,236,684	1,303,625	2,654,628	1,490,470	-
Gas - CT	-	-	102,179	1,476,256	10,292	-	-
Biogas	-	-	-	9,311	-	-	-
Nuclear	-	-	-	-	-	-	-
Total	1,040,809	3,626,501	1,338,999	2,790,842	2,666,372	1,490,470	-
Net Generation (mWh)							
Coal	105,344	306,467	-	-	-	-	-
Oil - CC	-	-	-	-	-	-	-
Oil - Steam/CT	2,593	2,802	10	156	107	-	(55)
Gas - CC	-	-	192,981	120,011	373,882	210,818	-
Gas - CT	-	-	8,329	181,364	752	-	-
Biogas	-	-	-	590	-	-	-
Nuclear	-	-	-	-	-	-	-
Hydro (Total System)							
Solar (Total System)							
Total	107,937	309,269	201,320	302,121	374,741	210,818	(55)
Cost of Reagents Consumed ($)							
Ammonia	$ 34,865	$ 98,285	-	$ -	-	-	-
Limestone	143,426	289,530	-	-	-	-	-
Re-emission Chemical	-	-	-	-	-	-	-
Sorbents	124,270	19,311	-	-	-	-	-
Urea	-	-	-	-	-	-	-
Total	$ 302,561	$ 407,126	$ -	$ -	$ -	$ -	$ -

Notes:
Detail amounts may not add to totals shown due to rounding.
Schedule excludes in-transit, terminal and tolling agreement activity.
Cents/MBTU and cents/kWh are not computed when costs and/or net generation is negative.
Lee and Wayne oil burn is associated with inventory consumption shown on Schedule 6 for Wayne.
Re-emission chemical reagent expense is not recoverable in NC.

Duke Energy Progress
Fuel and Fuel Related Cost Report
MARCH 2024

Description	Darlington CT	Wayne County CT	Weatherspoon CT	Brunswick Nuclear	Harris Nuclear	Robinson Nuclear	Current Month	Total 12 ME MARCH 2024
Cost of Fuel Purchased ($)								
Coal	-	-	-	-	-	-	$27,104,829	$312,808,512
Oil	-	-	-	-	-	-	1,173,922	17,866,465
Gas - CC	-	-	-	-	-	-	48,104,900	810,745,891
Gas - CT	172	765,938	13	-	-	-	9,976,441	78,359,860
Biogas	-	-	-	-	-	-	443,920	4,821,453
Total	$ 172	$ 765,938	$ 13	$ -	$ -	$ -	$86,804,012	$1,224,602,181
Average Cost of Fuel Purchased (¢/MBTU)								
Coal	-	-	-	-	-	-	433.29	464.56
Oil	-	-	-	-	-	-	2,224.69	2,172.59
Gas - CC	-	-	-	-	-	-	719.55	545.52
Gas - CT	-	583.79	-	-	-	-	580.05	497.04
Biogas	-	-	-	-	-	-	4,767.69	4,156.50
Weighted Average	-	583.79	-	-	-	-	589.58	526.36
Cost of Fuel Burned ($)								
Coal	-	-	-	-	-	-	$20,675,288	$293,046,305
Oil - CC	-	-	-	-	-	-	-	243,317
Oil - Steam/CT	$ -	-	$ 41,581	-	-	-	1,333,513	21,905,809
Gas - CC	-	-	-	-	-	-	48,104,900	810,745,891
Gas - CT	172	765,938	13	-	-	-	9,976,441	78,359,860
Biogas	-	-	-	-	-	-	443,920	4,821,453
Nuclear	-	-	-	7,192,382	4,041,832	3,647,629	14,881,843	195,026,158
Total	$ 172	$ 765,938	$ 41,594	$ 7,192,382	$ 4,041,832	$ 3,647,629	$95,415,905	$1,404,148,793
Average Cost of Fuel Burned (¢/MBTU)								
Coal	-	-	-	-	-	-	448.45	431.67
Oil - CC	-	-	-	-	-	-	-	3,979.02
Oil - Steam/CT	-	-	2,074.90	-	-	-	2,145.08	2,188.72
Gas - CC	-	-	-	-	-	-	719.55	545.52
Gas - CT	-	583.79	-	-	-	-	580.05	497.04
Biogas	-	-	-	-	-	-	4,767.69	4,156.50
Nuclear	-	-	-	63.61	56.48	61.50	61.00	60.50
Weighted Average	-	583.79	2,075.55	63.61	56.48	61.50	254.56	252.65
Average Cost of Generation (¢/kWh)								
Coal	-	-	-	-	-	-	5.02	4.67
Oil - CC	-	-	-	-	-	-	-	42.19
Oil - Steam/CT	-	-	94.50	-	-	-	23.57	26.95
Gas - CC	-	-	-	-	-	-	5.36	3.92
Gas - CT	-	7.28	-	-	-	-	4.97	5.30
Biogas	-	-	-	-	-	-	75.21	32.19
Nuclear	-	-	-	0.67	0.58	0.63	0.63	0.63
Weighted Average	-	7.28	94.53	0.67	0.58	0.63	2.39	2.32
Burned MBTU's								
Coal	-	-	-	-	-	-	4,610,386	67,886,383
Oil - CC	-	-	-	-	-	-	-	6,115
Oil - Steam/CT	-	-	2,004	-	-	-	62,166	1,000,848
Gas - CC	-	-	-	-	-	-	6,685,407	148,618,130
Gas - CT	-	131,200	-	-	-	-	1,719,927	15,765,184
Biogas	-	-	-	-	-	-	9,311	115,998
Nuclear	-	-	-	11,307,819	7,156,104	5,931,438	24,395,361	322,364,748
Total	-	131,200	2,004	11,307,819	7,156,104	5,931,438	37,482,558	555,757,406
Net Generation (mWh)								
Coal	-	-	-	-	-	-	411,811	6,279,473
Oil - CC	-	-	-	-	-	-	-	577
Oil - Steam/CT	-	-	44	-	-	-	5,658	81,280
Gas - CC	-	-	-	-	-	-	897,692	20,702,942
Gas - CT	(123)	10,517	-	-	-	-	200,839	1,477,240
Biogas	-	-	-	-	-	-	590	14,979
Nuclear	-	-	-	1,077,404	701,460	581,487	2,360,351	31,077,817
Hydro (Total System)							92,326	609,629
Solar (Total System)							21,330	263,756
Total	(123)	10,517	44	1,077,404	701,460	581,487	3,990,596	60,507,693
Cost of Reagents Consumed ($)								
Ammonia	-	-	-	-	-	-	$133,150	$2,636,805
Limestone	-	-	-	-	-	-	432,956	7,356,366
Re-emission Chemical	-	-	-	-	-	-	-	0
Sorbents	-	-	-	-	-	-	143,581	2,937,088
Urea	-	-	-	-	-	-	0	0
Total	$ -	$ -	$ -	$ -	$ -	$ -	$709,687	$12,930,259

Duke Energy Progress
Fuel & Fuel-related Consumption and Inventory Report
MARCH 2024

Description	Mayo	Roxboro	Asheville	Smith Energy Complex	Sutton	Lee	Blewett
Coal Data:							
Beginning balance	382,477	841,776	-	-	-	-	-
Tons received during period	36,327	217,802	-	-	-	-	-
Inventory adjustments			-	-	-	-	-
Tons burned during period	42,743	141,635	-	-	-	-	-
Ending balance	376,061	917,943	-	-	-	-	-
MBTUs per ton burned	23.77	25.38	-	-	-	-	-
Cost of ending inventory ($/ton)	112.46	112.01	-	-	-	-	-
Oil Data:							
Beginning balance	299,647	386,121	4,762,623	7,967,491	1,940,283	-	714,136
Gallons received during period	120,041	262,334	-	-	-	-	-
Miscellaneous use and adjustments	(2,213)	(7,509)	-	-	-	-	-
Gallons burned during period	181,628	231,754	(8,398)	11,788	10,369	-	-
Ending balance	235,847	409,192	4,771,021	7,955,703	1,929,914	-	714,136
Cost of ending inventory ($/gal)	3.04	3.04	3.15	2.71	2.80	-	2.58
Natural Gas Data:							
Beginning balance	-	-	-	-	-	-	-
MCF received during period	-	-	1,298,724	2,689,946	2,578,661	1,442,227	-
MCF burned during period	-	-	1,298,724	2,689,946	2,578,661	1,442,227	-
Ending balance	-	-	-	-	-	-	-
Biogas Data:							
Beginning balance	-	-	-	-	-	-	-
MCF received during period	-	-	-	10,072	-	-	-
MCF burned during period	-	-	-	10,072	-	-	-
Ending balance	-	-	-	-	-	-	-
Limestone/Lime Data:							
Beginning balance	18,529	53,130	-	-	-	-	-
Tons received during period	3,092	3,772	-	-	-	-	-
Inventory adjustments	-	-	-	-	-	-	-
Tons consumed during period	2,567	6,330	-	-	-	-	-
Ending balance	19,054	50,572	-	-	-	-	-
Cost of ending inventory ($/ton)	56.16	45.81	-	-	-	-	-

Notes:
Detail amounts may not add to totals shown due to rounding.
Schedule excludes in-transit, terminal and tolling agreement activity.
Gas is burned as received; therefore, inventory balances are not maintained.
The oil inventory data for Wayne reflects the common usage of the oil tank used for both Wayne and Lee units.

Duke Energy Progress
Fuel & Fuel-related Consumption and Inventory Report
MARCH 2024

Description	Darlington	Wayne County	Weatherspoon	Brunswick	Harris	Robinson	Current Month	Total 12 ME March 2024
Coal Data:								
Beginning balance	-	-	-	-	-	-	1,224,253	1,311,243
Tons received during period	-	-	-	-	-	-	254,129	2,687,780
Inventory adjustments	-	-	-	-	-	-	-	(9,843)
Tons burned during period	-	-	-	-	-	-	184,378	2,695,176
Ending balance	-	-	-	-	-	-	1,294,004	1,294,004
MBTUs per ton burned	-	-	-	-	-	-	25.01	25.19
Cost of ending inventory ($/ton)	-	-	-	-	-	-	112.14	112.14
Oil Data:								
Beginning balance	6,594,737	9,239,507	455,704	-	83,401	-	32,443,650	33,942,174
Gallons received during period	-	-	-	-	-	-	382,375	5,959,101
Miscellaneous use and adjustments	-	-	-	-	-	-	(9,722)	(113,455)
Gallons burned during period	-	-	14,320	-	-	-	441,461	7,412,981
Ending balance	6,594,737	9,239,507	441,384	-	83,401	-	32,374,842	32,374,842
Cost of ending inventory ($/gal)	2.39	2.90	2.90	-	2.31	-	2.77	2.77
Natural Gas Data:								
Beginning balance	-	-	-	-	-	-	-	-
MCF received during period	-	126,952	-	-	-	-	8,136,510	159,198,444
MCF burned during period	-	126,952	-	-	-	-	8,136,510	159,198,444
Ending balance	-	-	-	-	-	-	-	-
Biogas Data:								
Beginning balance	-	-	-	-	-	-	-	-
MCF received during period	-	-	-	-	-	-	10,072	113,382
MCF burned during period	-	-	-	-	-	-	10,072	113,382
Ending balance	-	-	-	-	-	-	-	-
Limestone/Lime Data:								
Beginning balance	-	-	-	-	-	-	71,659	71,575
Tons received during period	-	-	-	-	-	-	6,864	146,212
Inventory adjustments	-	-	-	-	-	-	-	810
Tons consumed during period	-	-	-	-	-	-	8,897	148,969
Ending balance	-	-	-	-	-	-	69,626	69,626
Cost of ending inventory ($/ton)	-	-	-	-	-	-	48.64	48.64

Schedule 7

DUKE ENERGY PROGRESS

ANALYSIS OF COAL PURCHASED

MARCH 2024

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
MAYO	SPOT	-	$ -	-
	CONTRACT	36,327	4,217,480	$ 116.10
	FUEL MANAGEMENT AGREEMENT	-	(462,728)	
	FIXED TRANSPORTATION/ADJUSTMENTS	-	151,762	-
	TOTAL	36,327	$ 3,906,513	$ 107.54
ROXBORO	SPOT	-	$ -	-
	CONTRACT	217,802	22,798,921	$ 104.68
	FUEL MANAGEMENT AGREEMENT	-	(379,279)	
	FIXED TRANSPORTATION/ADJUSTMENTS	-	778,674	-
	TOTAL	217,802	$ 23,198,316	$ 106.51
ALL PLANTS	SPOT	-	$ -	-
	CONTRACT	254,129	27,016,401	$ 106.31
	FUEL MANAGEMENT AGREEMENT	-	(842,007)	
	FIXED TRANSPORTATION/ADJUSTMENTS	-	930,436	-
	TOTAL	254,129	$ 27,104,829	$ 106.66

Schedule 8

DUKE ENERGY PROGRESS

ANALYSIS OF COAL QUALITY RECEIVED

MARCH 2024

STATION	PERCENT MOISTURE	PERCENT ASH	HEAT VALUE	PERCENT SULFUR
MAYO	9.40	9.75	11,953	2.25
ROXBORO	6.74	10.58	12,367	1.63

Schedule 9

DUKE ENERGY PROGRESS

ANALYSIS OF OIL PURCHASED

MARCH 2024

	MAYO	ROXBORO
VENDOR	Greensboro Tank Farm	Greensboro Tank Farm
SPOT/CONTRACT	Contract	Contract
SULFUR CONTENT %	0	0
GALLONS RECEIVED	120,041	262,334
TOTAL DELIVERED COST	$ 368,480	$ 805,442
DELIVERED COST/GALLON	$ 3.07	$ 3.07
BTU/GALLON	138,000	138,000

Duke Energy Progress Power Plant Performance Data Twelve Month Summary
Report Period: April 2023 - March 2024

Unit	Net Generation (MWH)	Capacity Rating (MW)	Capacity Factor (%)	Equivalent Availability (%)
Brunswick 1	7,501,424	938	91.04	89.42
Brunswick 2	8,239,404	932	100.64	99.5
Harris 1	8,602,792	964	101.59	99.74
Robinson 2	6,734,197	759	101.01	98.85

EAF is calculated using Standard NERC calculation and excludes OMC events

Duke Energy Progress
Power Plant Performance Data
Twelve Month Summary
April, 2023 through March, 2024
Combined Cycle Units

Unit Name		Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Lee Energy Complex	1A	1,208,293	225	61.14	76.95
Lee Energy Complex	1B	1,195,864	227	59.97	76.33
Lee Energy Complex	1C	1,213,805	228	60.61	76.33
Lee Energy Complex	ST1	2,475,150	379	74.35	89.88
Lee Energy Complex	Block Total	6,093,112	1,059	65.50	81.31
Smith Energy Complex	7	908,098	193	53.57	62.51
Smith Energy Complex	8	899,054	193	53.03	62.55
Smith Energy Complex	ST4	1,023,032	184	63.30	68.84
Smith Energy Complex	9	1,220,413	215	64.62	74.27
Smith Energy Complex	10	1,201,597	215	63.63	74.10
Smith Energy Complex	ST5	1,631,799	252	73.72	81.11
Smith Energy Complex	Block Total	6,883,993	1,252	62.60	71.20
Sutton Energy Complex	1A	1,279,226	224	65.01	80.41
Sutton Energy Complex	1B	1,309,261	224	66.54	81.77
Sutton Energy Complex	ST1	1,624,502	271	68.24	92.99
Sutton Energy Complex	Block Total	4,212,989	719	66.71	85.58
Asheville CC	ACC CT5	1,227,799	190	73.57	76.86
Asheville CC	ACC CT7	1,101,566	190	66.00	82.27
Asheville CC	ACC ST6	638,672	90	80.79	81.90
Asheville CC	ACC ST8	560,367	90	70.88	88.04
Asheville CC	Block Total	3,528,404	560	71.73	81.30

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- Data is reflected at 100% ownership.

Duke Energy Progress
Power Plant Performance Data
Twelve Month Summary
April, 2023 through March, 2024

Intermediate Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Mayo 1	1,303,282	713	20.81	63.69
Roxboro 2	1,496,960	673	25.32	51.22
Roxboro 3	1,595,340	698	26.02	53.30
Roxboro 4	769,847	711	12.33	39.40

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

Duke Energy Progress
Power Plant Performance Data
Twelve Month Summary
April, 2023 through March, 2024
Other Cycling Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Roxboro 1	1,155,927	402	32.73	87.66

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

Duke Energy Progress
Power Plant Performance Data
Twelve Month Summary
April, 2023 through March, 2024
Combustion Turbine Stations

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Asheville CT	151,482	370	96.97
Blewett CT	18	68	98.47
Darlington CT	26,448	264	88.45
Smith Energy Complex CT	1,232,796	960	87.05
Sutton Fast Start CT	2,069	98	77.74
Wayne County	103,625	975	93.52
Weatherspoon CT	199	164	97.42

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

Duke Energy Progress
Power Plant Performance Data
Twelve Month Summary
April, 2023 through March, 2024
Hydroelectric Stations

Harrington Exhibit 8A

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Blewett	115,031	27.0	97.90
Marshall	-366	4.0	69.49
Tillery	177,062	85.0	70.05
Walters	317,902	113.0	96.20

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

Duke Energy Progress Base Load Power Plant Performance Review Plan
Report Period: March 2024

Station	Unit	Date of Outage	Duration of Outage (Hours)	Scheduled / Unscheduled	Cause of Outage	Reason Outage Occurred	Remedial Actions Taken
Brunswick	1	03/01/2024 - 03/14/2024	314.13	Scheduled	B1R25 outage (from February)		
	2						
Harris	1						
Robinson	2						

Duke Energy Progress
Baseload Steam and CHP Units
Performance Review Plan
March 2024

DEP Asheville CC

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
CT5	3/2/2024 12:48:00 AM To 3/31/2024 12:00:00 AM	Sch	5270	Hot end inspection	Spring GMS Outage	
ST6	3/2/2024 12:40:00 AM To 3/31/2024 12:00:00 AM	Sch	4535	Stator, General	Spring GMS outage	

Lee Energy Complex

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
1A	3/12/2024 9:29:00 AM To 4/2/2024 3:18:00 PM	Sch	5272	Boroscope inspection	GMS Outage	
1B	3/12/2024 9:52:00 AM To 4/2/2024 2:39:00 PM	Sch	5272	Boroscope inspection	GMS Outage	
1C	3/12/2024 9:57:00 AM To 4/2/2024 1:59:00 PM	Sch	5272	Boroscope inspection	GMS Outage	
ST1	3/12/2024 9:52:00 AM To 4/3/2024 9:59:00 AM	Sch	4401	Inspection	GMS Outage	

Mayo Station

No Outages at Baseload Units During the Month.

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- Data is reflected at 100% ownership.

Duke Energy Progress
Baseload Steam and CHP Units
Performance Review Plan
March 2024

Roxboro Station

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
2	3/4/2024 7:00:00 AM To 3/9/2024 12:00:00 AM	Sch	8816	SCR NOx Plugging	SCR vacuuming as part of planned outage preparations.	
2	3/9/2024 12:00:00 AM To 3/31/2024 12:00:00 AM	Sch	0360	Burners	Planned outage for burner replacement, DFA project to replace air piping	
3	3/13/2024 9:42:00 AM To 3/16/2024 5:00:00 PM	Sch	1000	Waterwall (Furnace wall)	3A Boiler external waterwall tube leak. A second waterwall tube leak was also identified	
3	3/23/2024 3:30:00 PM To 3/27/2024 8:00:00 AM	Unsch	4609	Other exciter problems	Investigate Exciter Field ground alarms.	
3	3/27/2024 8:00:00 AM To 4/4/2024 11:00:00 PM	Sch	1475	Induced draft fan controls	3A ID Fan VFD controls calibrations	
4	2/22/2024 11:45:00 AM To 3/18/2024 12:00:00 AM	Sch	1080	Economizer	Maintenance outage for tube leak repair and 4B2 ID Fan coupling inspection.	

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- Data is reflected at 100% ownership.

Duke Energy Progress
Baseload Steam and CHP Units
Performance Review Plan
March 2024

Smith Energy Complex

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
7	3/3/2024 12:58:00 AM To 3/4/2024 6:00:00 PM	Sch	9693	Other miscellaneous operational environmental limits - gas turbines	Compliance PM's and maintenance repairs	
7	3/9/2024 5:58:00 AM To 3/15/2024 6:00:00 PM	Unsch	3690	Station Service Power Distribution System, General	PB4 tripped due to ground fault within the 13.kv bus/switchgear	
7	3/15/2024 6:00:00 PM To 3/25/2024 6:00:00 PM	Sch	3682	Other voltage conductors and buses	PB4 & U6 Segregated Bus Inspections	
8	3/5/2024 12:23:00 AM To 3/6/2024 9:00:00 PM	Sch	9693	Other miscellaneous operational environmental limits - gas turbines	Compliance PM's and Maintenance repairs	
8	3/9/2024 5:58:00 AM To 3/15/2024 6:00:00 PM	Unsch	3690	Station Service Power Distribution System, General	PB4 tripped due to ground fault within the 13.kv bus/switchgear.	
8	3/15/2024 6:00:00 PM To 3/25/2024 6:00:00 PM	Sch	3682	Other voltage conductors and buses	PB4 & U6 Segregated Bus Inspections	
9	2/15/2024 12:00:00 PM To 4/7/2024 4:01:00 PM	Sch	4314	Steam Turbine Control System - upgrades	GMS Outage: CT9 and CT10 rotor EOL/swap, ST5 valves, BOP, Evergreen Upgrade, ST5 Mark	
10	2/15/2024 12:00:00 PM To 4/4/2024 3:59:00 PM	Sch	4314	Steam Turbine Control System - upgrades	GMS Outage: CT9 and CT10 rotor EOL/swap, ST5 valves, BOP, Evergreen Upgrade, ST5 Mark	
ST4	3/9/2024 5:58:00 AM To 3/15/2024 6:00:00 PM	Unsch	3690	Station Service Power Distribution System, General	PB4 tripped due to ground fault within the 13.kv bus/switchgear.	
ST4	3/15/2024 6:00:00 PM To 3/25/2024 6:00:00 PM	Sch	3682	Other voltage conductors and buses	PB4 & U6 Segregated Bus Inspections	
ST5	2/15/2024 12:00:00 PM To 4/8/2024 1:25:00 AM	Sch	4314	Steam Turbine Control System - upgrades	GMS Outage: CT9 and CT10 rotor EOL/swap, ST5 valves, BOP, Evergreen Upgrade, ST5 Mark	

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- Data is reflected at 100% ownership.

Duke Energy Progress
Baseload Steam and CHP Units
Performance Review Plan
March 2024

Sutton Energy Complex

No Outages at Baseload Units During the Month.

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- Data is reflected at 100% ownership.

Duke Energy Progress Base Load Power Plant Performance Review Plan
Report Period: March 2024

	Brunswick 1	Brunswick 2	Harris 1	Robinson 2
(A) MDC (MW)	938	932	964	759
(B) Period Hours	743	743	743	743
(C1) Net Gen (MWH)	382,725	694,679	701,460	581,487
(C2) Capacity Factor (%)	54.92	100.32	97.93	103.11
(D1) Net MWH Not Gen. Due to Full Schedule Outages	294,657	0	0	0
(D2) % Net MWH Not Gen. Due to Full Schedule Outages	42.28	0	0	0
(E1) Net MWH Not Gen. Due to Partial Scheduled Outages	19,236	7,425	21,790	0
(E2) % Net MWH Not Gen. Due to Partial Scheduled Outages	2.76	1.07	3.04	0
(F1) Net MWH Not Gen Due to Full Forced Outages	0	0	0	0
(F2) % Net MWH Not Gen Due to Full Forced Outages	0	0	0	0
(G1) Net MWH Not Gen due to Partial Forced Outages	316	-9,628	-6,998	-17,550
(G2) % Net MWH Not Gen Due to Partial Forced Outages	0.04	-1.39	-0.97	-3.11
(H1) Net MWH Not Gen Due to Economic Dispatch	0	0	0	0
(H2) %Net MWH Not Gen Due to Economic Dispatch	0	0	0	0
(I1) Core Conservation	0	0	0	0
(I2) % Core Conservation	0	0	0	0
(J1) Net MWH Possible in Period	696,934	692,476	716,252	563,937
(J2) % Net mwh Possible in Period	100.00%	100.00%	100.00%	100.00%
(K) Equivalent Availability (%)	53.72	98.93	96.96	100
(L) Output Factor (%)	95.14	100.32	97.93	103.11
(M) Heat Rate (BTU/Net KWH)	10,431	10,531	10,202	10,200

Notes:
1) Fields (E1), (E2), (G1), (G2), (H1), (H2), (I1) and (I2) are estimates
2) Fields (D1), (D2), (F1) and (F2) include ramping losses
EAF is calculated using Standard NERC calculation and excludes OMC events

Duke Energy Progress
Base Load Power Plant
Performance Review Plan
March 2024

DEP Asheville CC

	ACC CT5	ACC ST6	Block Total
(A) MDC (mW)	190	90	280
(B) Period Hrs	743	743	743
(C) Net Generation (mWh)	4,192	1,884	6,076
(D) Capacity Factor (%)	2.97	2.82	2.92
(E) Net mWh Not Generated due to Full Scheduled Outages	136,458	64,650	201,108
(F) Scheduled Outages: percent of Period Hrs	96.66	96.68	96.67
(G) Net mWh Not Generated due to Partial Scheduled Outages	335	62	396
(H) Scheduled Derates: percent of Period Hrs	0.24	0.09	0.19
(I) Net mWh Not Generated due to Full Forced Outages	0	0	0
(J) Forced Outages: percent of Period Hrs	0.00	0.00	0.00
(K) Net mWh Not Generated due to Partial Forced Outages	0	0	0
(L) Forced Derates: percent of Period Hrs	0.00	0.00	0.00
(M) Net mWh Not Generated due to Economic Dispatch	185	274	460
(N) Economic Dispatch: percent of Period Hrs	0.13	0.41	0.22
(O) Net mWh Possible in Period	141,170	66,870	208,040
(P) Equivalent Availability (%)	3.10	3.23	3.14
(Q) Output Factor (%)	88.96	84.85	87.65
(R) Heat Rate (BTU/NkWh)	8,851	0	6,106

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- (R) Includes Light Off BTU's
- Data is reflected at 100% ownership.

Duke Energy Progress
Base Load Power Plant
Performance Review Plan
March 2024

DEP Asheville CC

	ACC CT7	ACC ST8	Block Total
(A) MDC (mW)	190	90	280
(B) Period Hrs	743	743	743
(C) Net Generation (mWh)	122,987	63,918	186,905
(D) Capacity Factor (%)	87.12	95.59	89.84
(E) Net mWh Not Generated due to Full Scheduled Outages	0	0	0
(F) Scheduled Outages: percent of Period Hrs	0.00	0.00	0.00
(G) Net mWh Not Generated due to Partial Scheduled Outages	10,773	1,857	12,631
(H) Scheduled Derates: percent of Period Hrs	7.63	2.78	6.07
(I) Net mWh Not Generated due to Full Forced Outages	0	0	0
(J) Forced Outages: percent of Period Hrs	0.00	0.00	0.00
(K) Net mWh Not Generated due to Partial Forced Outages	0	0	0
(L) Forced Derates: percent of Period Hrs	0.00	0.00	0.00
(M) Net mWh Not Generated due to Economic Dispatch	7,410	1,095	8,504
(N) Economic Dispatch: percent of Period Hrs	5.25	1.64	4.09
(O) Net mWh Possible in Period	141,170	66,870	208,040
(P) Equivalent Availability (%)	92.37	97.22	93.93
(Q) Output Factor (%)	87.12	95.59	89.84
(R) Heat Rate (BTU/NkWh)	9,754	0	6,418

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- (R) Includes Light Off BTU's
- Data is reflected at 100% ownership.

Duke Energy Progress
Base Load Power Plant
Performance Review Plan
March 2024

Lee Energy Complex

	Unit 1A	Unit 1B	Unit 1C	Unit ST1	Block Total
(A) MDC (mW)	225	227	228	379	1,059
(B) Period Hrs	743	743	743	743	743
(C) Net Generation (mWh)	41,936	40,546	41,668	86,668	210,818
(D) Capacity Factor (%)	25.09	24.04	24.60	30.78	26.79
(E) Net mWh Not Generated due to Full Scheduled Outages	105,641	106,493	106,943	177,801	496,879
(F) Scheduled Outages: percent of Period Hrs	63.19	63.14	63.13	63.14	63.15
(G) Net mWh Not Generated due to Partial Scheduled Outages	7,521	8,079	8,355	137	24,092
(H) Scheduled Derates: percent of Period Hrs	4.50	4.79	4.93	0.05	3.06
(I) Net mWh Not Generated due to Full Forced Outages	0	0	0	0	0
(J) Forced Outages: percent of Period Hrs	0.00	0.00	0.00	0.00	0.00
(K) Net mWh Not Generated due to Partial Forced Outages	0	0	0	0	0
(L) Forced Derates: percent of Period Hrs	0.00	0.00	0.00	0.00	0.00
(M) Net mWh Not Generated due to Economic Dispatch	12,077	13,543	12,437	16,991	55,047
(N) Economic Dispatch: percent of Period Hrs	7.22	8.03	7.34	6.03	7.00
(O) Net mWh Possible in Period	167,175	168,661	169,404	281,597	786,837
(P) Equivalent Availability (%)	32.31	32.07	31.94	36.81	33.79
(Q) Output Factor (%)	68.15	65.22	66.71	83.50	72.71
(R) Heat Rate (BTU/NkWh)	9,274	9,326	9,220	3,906	7,067

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- (R) Includes Light Off BTU's
- Data is reflected at 100% ownership.

Duke Energy Progress
Base Load Power Plant
Performance Review Plan
March 2024

Smith Energy Complex

	Unit 7	Unit 8	Unit ST4	Block Total
(A) MDC (mW)	193	193	184	570
(B) Period Hrs	743	743	743	743
(C) Net Generation (mWh)	37,246	40,096	43,433	120,775
(D) Capacity Factor (%)	25.97	27.96	31.77	28.52
(E) Net mWh Not Generated due to Full Scheduled Outages	54,239	54,931	44,160	153,330
(F) Scheduled Outages: percent of Period Hrs	37.82	38.31	32.30	36.20
(G) Net mWh Not Generated due to Partial Scheduled Outages	6,292	6,219	2,262	14,773
(H) Scheduled Derates: percent of Period Hrs	4.39	4.34	1.65	3.49
(I) Net mWh Not Generated due to Full Forced Outages	29,921	29,921	28,526	88,369
(J) Forced Outages: percent of Period Hrs	20.87	20.87	20.87	20.87
(K) Net mWh Not Generated due to Partial Forced Outages	0	0	0	0
(L) Forced Derates: percent of Period Hrs	0.00	0.00	0.00	0.00
(M) Net mWh Not Generated due to Economic Dispatch	15,700	12,232	18,331	46,263
(N) Economic Dispatch: percent of Period Hrs	10.95	8.53	13.41	10.92
(O) Net mWh Possible in Period	143,399	143,399	136,712	423,510
(P) Equivalent Availability (%)	36.92	36.49	45.18	39.44
(Q) Output Factor (%)	76.16	75.09	74.20	75.09
(R) Heat Rate (BTU/NkWh)	11,142	11,124	0	7,129

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- (R) Includes Light Off BTU's
- Data is reflected at 100% ownership.

Duke Energy Progress
Base Load Power Plant
Performance Review Plan
March 2024

Smith Energy Complex

	Unit 9	Unit 10	Unit ST5	Block Total
(A) MDC (mW)	215	215	252	682
(B) Period Hrs	743	743	743	743
(C) Net Generation (mWh)	-87	-87	0	-174
(D) Capacity Factor (%)	0.00	0.00	0.00	0.00
(E) Net mWh Not Generated due to Full Scheduled Outages	159,745	159,745	187,236	506,726
(F) Scheduled Outages: percent of Period Hrs	100.00	100.00	100.00	100.00
(G) Net mWh Not Generated due to Partial Scheduled Outages	0	0	0	0
(H) Scheduled Derates: percent of Period Hrs	0.00	0.00	0.00	0.00
(I) Net mWh Not Generated due to Full Forced Outages	0	0	0	0
(J) Forced Outages: percent of Period Hrs	0.00	0.00	0.00	0.00
(K) Net mWh Not Generated due to Partial Forced Outages	0	0	0	0
(L) Forced Derates: percent of Period Hrs	0.00	0.00	0.00	0.00
(M) Net mWh Not Generated due to Economic Dispatch	0	0	0	0
(N) Economic Dispatch: percent of Period Hrs	0.00	0.00	0.00	0.00
(O) Net mWh Possible in Period	159,745	159,745	187,236	506,726
(P) Equivalent Availability (%)	0.00	0.00	0.00	0.00
(Q) Output Factor (%)	0.00	0.00	0.00	0.00
(R) Heat Rate (BTU/NkWh)	0	0	0	0

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- (R) Includes Light Off BTU's
- Data is reflected at 100% ownership.

Duke Energy Progress
Base Load Power Plant
Performance Review Plan
March 2024

Sutton Energy Complex

	Unit 1A	Unit 1B	Unit ST1	Block Total
(A) MDC (mW)	224	224	271	719
(B) Period Hrs	743	743	743	743
(C) Net Generation (mWh)	113,821	114,232	145,829	373,882
(D) Capacity Factor (%)	68.39	68.64	72.42	69.99
(E) Net mWh Not Generated due to Full Scheduled Outages	0	0	68	68
(F) Scheduled Outages: percent of Period Hrs	0.00	0.00	0.03	0.01
(G) Net mWh Not Generated due to Partial Scheduled Outages	18,946	18,946	1,114	39,007
(H) Scheduled Derates: percent of Period Hrs	11.38	11.38	0.55	7.30
(I) Net mWh Not Generated due to Full Forced Outages	0	0	0	0
(J) Forced Outages: percent of Period Hrs	0.00	0.00	0.00	0.00
(K) Net mWh Not Generated due to Partial Forced Outages	0	0	0	0
(L) Forced Derates: percent of Period Hrs	0.00	0.00	0.00	0.00
(M) Net mWh Not Generated due to Economic Dispatch	33,665	33,254	54,342	121,260
(N) Economic Dispatch: percent of Period Hrs	20.23	19.98	26.99	22.70
(O) Net mWh Possible in Period	166,432	166,432	201,353	534,217
(P) Equivalent Availability (%)	88.62	88.62	99.41	92.69
(Q) Output Factor (%)	68.39	68.64	72.45	70.00
(R) Heat Rate (BTU/NkWh)	11,635	11,635	0	7,097

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- (R) Includes Light Off BTU's
- Data is reflected at 100% ownership.

Duke Energy Progress
Intermediate Power Plant Performance
Review Plan
March 2024

		Mayo Station Unit 1
(A)	**MDC (mW)**	713
(B)	**Period Hrs**	743
(C)	**Net Generation (mWh)**	107,937
(D)	**Net mWh Possible in Period**	529,759
(E)	**Equivalent Availability (%)**	94.57
(F)	**Output Factor (%)**	45.06
(G)	**Capacity Factor (%)**	20.37

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

Duke Energy Progress
Intermediate Power Plant Performance
Review Plan
March 2024

	Roxboro Station		
	Unit 2	**Unit 3**	**Unit 4**
(A) MDC (mW)	673	698	711
(B) Period Hrs	743	743	743
(C) Net Generation (mWh)	-2,916	123,953	93,720
(D) Net mWh Possible in Period	500,039	518,614	528,273
(E) Equivalent Availability (%)	9.87	54.47	42.83
(F) Output Factor (%)	0.00	52.19	59.87
(G) Capacity Factor (%)	0.00	23.90	17.74

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

Duke Energy Progress Base Load Power Plant Performance Review Plan
Report Period: April 2023 - March 2024

	Brunswick 1	Brunswick 2	Harris 1	Robinson 2
(A) MDC (MW)	938	932	964	759
(B) Period Hours	8,784	8,784	8,784	8,784
(C1) Net Gen (MWH)	7,501,424	8,239,404	8,602,792	6,734,197
(C2) Capacity Factor (%)	91.04	100.64	101.59	101.01
(D1) Net MWH Not Gen. Due to Full Schedule Outages	588,251	0	0	0
(D2) % Net MWH Not Gen. Due to Full Schedule Outages	7.14	0	0	0
(E1) Net MWH Not Gen. Due to Partial Scheduled Outages	45,145	40,789	22,017	7,698
(E2) % Net MWH Not Gen. Due to Partial Scheduled Outages	0.55	0.5	0.26	0.12
(F1) Net MWH Not Gen Due to Full Forced Outages	212,066	0	0	42,783
(F2) % Net MWH Not Gen Due to Full Forced Outages	2.57	0	0	0.64
(G1) Net MWH Not Gen due to Partial Forced Outages	-107,494	-93,505	-157,033	-117,622
(G2) % Net MWH Not Gen Due to Partial Forced Outages	-1.3	-1.14	-1.85	-1.77
(H1) Net MWH Not Gen Due to Economic Dispatch	0	0	0	0
(H2) %Net MWH Not Gen Due to Economic Dispatch	0	0	0	0
(I1) Core Conservation	0	0	0	0
(I2) % Core Conservation	0	0	0	0
(J1) Net MWH Possible in Period	8,239,392	8,186,688	8,467,776	6,667,056
(J2) % Net mwh Possible in Period	100.00%	100.00%	100.00%	100.00%
(K) Equivalent Availability (%)	89.42	99.5	99.74	98.85
(L) Output Factor (%)	100.84	100.64	101.59	101.66
(M) Heat Rate (BTU/Net KWH)	10,394	10,570	10,223	10,299

Notes:
1) Fields (E1), (E2), (G1), (G2), (H1), (H2), (I1) and (I2) are estimates
2) Fields (D1), (D2), (F1) and (F2) include ramping losses
EAF is calculated using Standard NERC calculation and excludes OMC events

Duke Energy Progress
Base Load Power Plant
Performance Review Plan
April, 2023 through March, 2024
DEP Asheville CC

	ACC CT5	ACC ST6	Block Total
(A) MDC (mW)	190	90	280
(B) Period Hrs	8,784	8,784	8,784
(C) Net Generation (mWh)	1,227,799	638,672	1,866,471
(D) Capacity Factor (%)	73.57	80.79	75.89
(E) Net mWh Not Generated due to Full Scheduled Outages	247,105	119,047	366,151
(F) Scheduled Outages: percent of Period Hrs	14.81	15.06	14.89
(G) Net mWh Not Generated due to Partial Scheduled Outages	119,761	22,099	141,859
(H) Scheduled Derates: percent of Period Hrs	7.18	2.80	5.77
(I) Net mWh Not Generated due to Full Forced Outages	19,403	1,919	21,322
(J) Forced Outages: percent of Period Hrs	1.16	0.24	0.87
(K) Net mWh Not Generated due to Partial Forced Outages	0	0	0
(L) Forced Derates: percent of Period Hrs	0.00	0.00	0.00
(M) Net mWh Not Generated due to Economic Dispatch	54,893	8,824	63,717
(N) Economic Dispatch: percent of Period Hrs	3.29	1.12	2.59
(O) Net mWh Possible in Period	1,668,960	790,560	2,459,520
(P) Equivalent Availability (%)	76.86	81.90	78.48
(Q) Output Factor (%)	87.63	96.50	90.48
(R) Heat Rate (BTU/NkWh)	10,079	0	6,630

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- Data is reflected at 100% owne

Duke Energy Progress
Base Load Power Plant
Performance Review Plan
April, 2023 through March, 2024
DEP Asheville CC

	ACC CT7	ACC ST8	Block Total
(A) MDC (mW)	190	90	280
(B) Period Hrs	8,784	8,784	8,784
(C) Net Generation (mWh)	1,101,566	560,367	1,661,933
(D) Capacity Factor (%)	66.00	70.88	67.57
(E) Net mWh Not Generated due to Full Scheduled Outages	154,071	44,997	199,068
(F) Scheduled Outages: percent of Period Hrs	9.23	5.69	8.09
(G) Net mWh Not Generated due to Partial Scheduled Outages	136,998	23,501	160,498
(H) Scheduled Derates: percent of Period Hrs	8.21	2.97	6.53
(I) Net mWh Not Generated due to Full Forced Outages	4,782	26,027	30,809
(J) Forced Outages: percent of Period Hrs	0.29	3.29	1.25
(K) Net mWh Not Generated due to Partial Forced Outages	0	0	0
(L) Forced Derates: percent of Period Hrs	0.00	0.00	0.00
(M) Net mWh Not Generated due to Economic Dispatch	271,341	135,224	406,565
(N) Economic Dispatch: percent of Period Hrs	16.26	17.10	16.53
(O) Net mWh Possible in Period	1,668,960	790,560	2,459,520
(P) Equivalent Availability (%)	82.27	88.04	84.13
(Q) Output Factor (%)	88.49	90.83	89.26
(R) Heat Rate (BTU/NkWh)	10,044	0	6,658

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- Data is reflected at 100% owne

Duke Energy Progress
Base Load Power Plant
Performance Review Plan
April, 2023 through March, 2024
Lee Energy Complex

	Unit 1A	Unit 1B	Unit 1C	Unit ST1	Block Total
(A) MDC (mW)	225	227	228	379	1,059
(B) Period Hrs	8,784	8,784	8,784	8,784	8,784
(C) Net Generation (mWh)	1,208,293	1,195,864	1,213,805	2,475,150	6,093,112
(D) Capacity Factor (%)	61.14	59.97	60.61	74.35	65.50
(E) Net mWh Not Generated due to Full Scheduled Outages	196,279	196,253	189,799	318,174	900,504
(F) Scheduled Outages: percent of Period Hrs	9.93	9.84	9.48	9.56	9.68
(G) Net mWh Not Generated due to Partial Scheduled Outages	258,413	274,182	283,370	17,301	833,266
(H) Scheduled Derates: percent of Period Hrs	13.07	13.75	14.15	0.52	8.96
(I) Net mWh Not Generated due to Full Forced Outages	855	1,441	894	0	3,190
(J) Forced Outages: percent of Period Hrs	0.04	0.07	0.04	0.00	0.03
(K) Net mWh Not Generated due to Partial Forced Outages	0	0	0	13,564	13,564
(L) Forced Derates: percent of Period Hrs	0.00	0.00	0.00	0.41	0.15
(M) Net mWh Not Generated due to Economic Dispatch	312,561	326,228	314,885	504,946	1,458,619
(N) Economic Dispatch: percent of Period Hrs	15.81	16.36	15.72	15.17	15.68
(O) Net mWh Possible in Period	1,976,400	1,993,968	2,002,752	3,329,136	9,302,256
(P) Equivalent Availability (%)	76.95	76.33	76.33	89.52	81.18
(Q) Output Factor (%)	67.91	66.57	66.98	82.20	72.55
(R) Heat Rate (BTU/NkWh)	9,807	9,899	9,825	3,765	7,374

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- Data is reflected at 100% owne

Duke Energy Progress
Base Load Power Plant
Performance Review Plan
April, 2023 through March, 2024
Smith Energy Complex

	Unit 7	Unit 8	Unit ST4	Block Total
(A) MDC (mW)	193	193	184	570
(B) Period Hrs	8,784	8,784	8,784	8,784
(C) Net Generation (mWh)	908,098	899,054	1,023,032	2,830,184
(D) Capacity Factor (%)	53.57	53.03	63.30	56.53
(E) Net mWh Not Generated due to Full Scheduled Outages	438,733	440,519	404,947	1,284,199
(F) Scheduled Outages: percent of Period Hrs	25.88	25.98	25.05	25.65
(G) Net mWh Not Generated due to Partial Scheduled Outages	147,539	147,012	52,933	347,484
(H) Scheduled Derates: percent of Period Hrs	8.70	8.67	3.28	6.94
(I) Net mWh Not Generated due to Full Forced Outages	49,329	47,391	41,832	138,552
(J) Forced Outages: percent of Period Hrs	2.91	2.80	2.59	2.77
(K) Net mWh Not Generated due to Partial Forced Outages	0	0	3,974	3,974
(L) Forced Derates: percent of Period Hrs	0.00	0.00	0.25	0.08
(M) Net mWh Not Generated due to Economic Dispatch	151,544	161,268	89,537	402,349
(N) Economic Dispatch: percent of Period Hrs	8.94	9.51	5.54	8.04
(O) Net mWh Possible in Period	1,695,312	1,695,312	1,616,256	5,006,880
(P) Equivalent Availability (%)	62.51	62.55	68.84	64.56
(Q) Output Factor (%)	77.54	77.31	88.27	81.02
(R) Heat Rate (BTU/NkWh)	11,033	11,012	0	7,038

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- Data is reflected at 100% owne

Duke Energy Progress
Base Load Power Plant
Performance Review Plan
April, 2023 through March, 2024
Smith Energy Complex

	Unit 9	Unit 10	Unit ST5	Block Total
(A) MDC (mW)	215	215	252	682
(B) Period Hrs	8,784	8,784	8,784	8,784
(C) Net Generation (mWh)	1,220,413	1,201,597	1,631,799	4,053,809
(D) Capacity Factor (%)	64.62	63.63	73.72	67.67
(E) Net mWh Not Generated due to Full Scheduled Outages	305,530	317,678	401,963	1,025,170
(F) Scheduled Outages: percent of Period Hrs	16.18	16.82	18.16	17.11
(G) Net mWh Not Generated due to Partial Scheduled Outages	169,882	168,827	12,265	350,974
(H) Scheduled Derates: percent of Period Hrs	9.00	8.94	0.55	5.86
(I) Net mWh Not Generated due to Full Forced Outages	10,428	2,698	3,893	17,019
(J) Forced Outages: percent of Period Hrs	0.55	0.14	0.18	0.28
(K) Net mWh Not Generated due to Partial Forced Outages	0	0	0	0
(L) Forced Derates: percent of Period Hrs	0.00	0.00	0.00	0.00
(M) Net mWh Not Generated due to Economic Dispatch	182,220	197,674	163,648	543,542
(N) Economic Dispatch: percent of Period Hrs	9.65	10.47	7.39	9.07
(O) Net mWh Possible in Period	1,888,560	1,888,560	2,213,568	5,990,688
(P) Equivalent Availability (%)	74.27	74.10	81.11	76.74
(Q) Output Factor (%)	80.90	80.67	91.98	84.95
(R) Heat Rate (BTU/NkWh)	11,418	11,315	1,238	7,290

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- Data is reflected at 100% owne

Duke Energy Progress
Base Load Power Plant
Performance Review Plan
April, 2023 through March, 2024
Sutton Energy Complex

	Unit 1A	Unit 1B	Unit ST1	Block Total
(A) MDC (mW)	224	224	271	719
(B) Period Hrs	8,784	8,784	8,784	8,784
(C) Net Generation (mWh)	1,279,226	1,309,261	1,624,502	4,212,989
(D) Capacity Factor (%)	65.01	66.54	68.24	66.71
(E) Net mWh Not Generated due to Full Scheduled Outages	114,968	109,160	128,600	352,728
(F) Scheduled Outages: percent of Period Hrs	5.84	5.55	5.40	5.58
(G) Net mWh Not Generated due to Partial Scheduled Outages	244,021	249,509	27,230	520,760
(H) Scheduled Derates: percent of Period Hrs	12.40	12.68	1.14	8.25
(I) Net mWh Not Generated due to Full Forced Outages	26,428	0	2,106	28,533
(J) Forced Outages: percent of Period Hrs	1.34	0.00	0.09	0.45
(K) Net mWh Not Generated due to Partial Forced Outages	0	0	8,905	8,905
(L) Forced Derates: percent of Period Hrs	0.00	0.00	0.37	0.14
(M) Net mWh Not Generated due to Economic Dispatch	302,973	299,686	589,121	1,191,780
(N) Economic Dispatch: percent of Period Hrs	15.40	15.23	24.75	18.87
(O) Net mWh Possible in Period	1,967,616	1,967,616	2,380,464	6,315,696
(P) Equivalent Availability (%)	80.41	81.77	92.99	85.58
(Q) Output Factor (%)	70.07	70.48	72.21	71.01
(R) Heat Rate (BTU/NkWh)	11,713	11,714	0	7,197

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.
- Data is reflected at 100% owne

Duke Energy Progress
Intermediate Power Plant
Performance Review Plan
April, 2023 through March, 2024

	Mayo Station
Units	**Unit 1**
(A) MDC (mW)	713
(B) Period Hrs	8,784
(C) Net Generation (mWh)	1,303,282
(D) Net mWh Possible in Period	6,262,992
(E) Equivalent Availability (%)	63.69
(F) Output Factor (%)	56.64
(G) Capacity Factor (%)	20.81

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

Duke Energy Progress
Intermediate Power Plant
Performance Review Plan
April, 2023 through March, 2024

Roxboro Station

Units	Unit 2	Unit 3	Unit 4
(A) MDC (mW)	673	698	711
(B) Period Hrs	8,784	8,784	8,784
(C) Net Generation (mWh)	1,496,960	1,595,340	769,847
(D) Net mWh Possible in Period	5,911,632	6,131,232	6,245,424
(E) Equivalent Availability (%)	51.22	53.30	39.40
(F) Output Factor (%)	66.48	56.19	53.59
(G) Capacity Factor (%)	25.32	26.02	12.33

Notes:

- Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.