Duke Energy Progress, LLC
North Carolina Annual Fuel and Fuel-Related Expense
Monthly Fuel and Baseload Report for March 2023
Twelve Months Ended March 31, 2023
Docket No. E-2, Sub 1321

Harrington Exhibit 8

March 2023
Monthly Fuel Filing and Baseload Report Cover Sheet

Schedule 1-REVISED

DUKE ENERGY PROGRESS
SUMMARY OF MONTHLY FUEL REPORT

Docket No. E-2, Sub 1310

Line No.	Fuel Expenses:	March 2023	12 Months Ended March 2023
1	Total Fuel and Fuel-Related Costs	$ 128,915,185	$ 2,134,728,979
	MWH sales:		
2	Total System Sales	5,079,825	67,925,042
3	Less intersystem sales	530,956	7,029,175
4	Total sales less intersystem sales	4,548,869	60,895,867
5	Total fuel and fuel-related costs (¢/KWH) (Line 1/Line 4)	2.834	3.506
6	Current fuel & fuel-related cost component (¢/KWH) (per Schedule 4, Line 5a Total)	2.605	
	Generation Mix (MWH):		
	Fossil (By Primary Fuel Type):		
7	Coal	419,045	5,489,198
8	Oil	9,282	141,416
9	Natural Gas - Combustion Turbine	127,225	2,766,398
10	Natural Gas - Combined Cycle	1,321,720	20,645,425
11	Biogas	320	11,483
12	Total Fossil	1,877,593	29,053,920
13	Nuclear	2,464,611	28,995,015
14	Hydro - Conventional	81,131	600,694
15	Solar Distributed Generation	22,728	250,713
16	Total MWH generation	4,446,063	58,900,342

Notes:
Detail amounts may not add to totals shown due to rounding.
*** Current 12ME includes a fuel proxy adjustment increasing fuel costs by $121,556 in the month of December 2022.**

Schedule 2

DUKE ENERGY PROGRESS
DETAILS OF FUEL AND FUEL-RELATED COSTS

Docket No. E-2, Sub 1310

	Description	March 2023	12 Months Ended March 2023
	Fuel and Fuel-Related Costs:		
	Steam Generation - Account 501		
	0501110 coal consumed - steam	$ 17,192,671	$ 204,189,853
	0501310 fuel oil consumed - steam	1,457,253	12,441,216
	Total Steam Generation - Account 501	18,649,924	216,631,069
	Nuclear Generation - Account 518		
	0518100 burnup of owned fuel	15,359,370	177,505,221
	Other Generation - Account 547		
	0547000 natural gas consumed - Combustion Turbine	3,581,975	223,742,962
	0547000 natural gas consumed - Combined Cycle	64,690,000	1,239,836,668
	0547106 biogas consumed - Combined Cycle	16,883	545,306
	0547200 fuel oil consumed	543,117	22,825,989
	Total Other Generation - Account 547	68,831,975	1,486,950,925
	Reagents		
	Reagents (lime, limestone, ammonia, urea, dibasic acid, and sorbents)	1,034,319	14,049,227
	Total Reagents	1,034,319	14,049,227
	By-products		
	Net proceeds from sale of by-products	945,215	15,795,773
	Total By-products	945,215	15,795,773
	Total Fossil and Nuclear Fuel Expenses		
	Included in Base Fuel Component	104,820,803	1,910,932,215
	Purchased Power and Net Interchange - Account 555		
	Capacity component of purchased power (PURPA)	3,317,400	53,502,395
	Capacity component of purchased power (renewables)	2,120,424	31,718,898
*	Fuel and fuel-related component of purchased power	30,164,581	675,873,648
*	Total Purchased Power and Net Interchange - Account 555	35,602,405	761,094,941
	Less:		
	Fuel and fuel-related costs recovered through intersystem sales	11,505,901	536,626,007
	Solar Integration Charge	20	169
	Miscellaneous Fees Collected	2,100	672,000
	Total Fuel Credits - Accounts 447/456	11,508,021	537,298,176
*	Total Fuel and Fuel-Related Costs	$ 128,915,185	$ 2,134,728,979

NOTE: Detail amounts may not add to totals shown due to rounding.
*** Current 12ME includes a fuel proxy adjustment increasing fuel costs by $121,556 in the month of December 2022.**

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

March 2023

Purchased Power	Total	Capacity	Non-capacity			
Economic Purchases	**$**	**$**	**mWh**	**Fuel $**	**Fuel-related $**	**Not Fuel $ / Not Fuel-related $**
Broad River Energy, LLC	$ 5,758,510	$ 5,138,625	6,626	$ 409,853	$ 210,032	-
City of Fayetteville	1,331,074	695,500	4,437	453,100	182,474	-
DE Carolinas - Native Load Transfer	2,274,417	-	81,589	1,954,634	304,720	$ 15,063
DE Carolinas - Native Load Transfer Benefit	591,276	-	-	591,276	-	-
DE Carolinas - Fees	(17,378)	-	-	-	(17,378)	-
Haywood EMC	27,750	27,750	-	-	-	-
NCEMC	3,490,550	2,897,025	10,344	553,093	40,432	-
PJM Interconnection, LLC	5,316	-	-	-	5,316	-
Southern Company Services	5,931,965	2,051,205	119,196	3,297,848	582,912	-
	$ 19,393,480	**$ 10,810,105**	**222,192**	**$ 7,259,804**	**$ 1,308,508**	**$ 15,063**
Renewable Energy Purchases						
NC REPS	$ 9,506,187	-	144,844	-	$ 9,506,187	-
SC DERP Qualifying Facilities	95,024	-	2,075	-	91,844	$ 3,180
SC DERP Net Metering Excess Generation	21,009	$ 5,127	625	-	-	15,882
SC Act 62 Net Metering Excess Generation	683	-	25	-	-	683
	$ 9,622,903	**$ 5,127**	**147,569**	**$ -**	**$ 9,598,031**	**$ 19,745**
HB589 PURPA Purchases						
NC Other Qualifying Facilities	$ 16,126,328	-	279,991	-	$ 16,126,328	-
NC CPRE - Purchased Power	394,591	-	9,256	-	-	$ 394,591
	$ 16,520,919	**$ -**	**289,247**	**$ -**	**$ 16,126,328**	**394,591**
Non-dispatchable Purchases						
DE Carolinas - Emergency	-	-	-	-	-	-
DE Carolinas - Reliability	$ 1,321,502	$ 4,500	29,367	$ 1,119,452	-	$ 197,550
Dominion Energy South Carolina - Emergency	-	-	-	-	-	-
PJM Interconnection, LLC - Reliability	183,294	-	2,900	155,799	-	27,495
Virginia Electric and Power Company - Emergenc	-	-	-	-	-	-
Energy Imbalance	10,802	-	421	9,653	-	1,149
Generation Imbalance	30,225	-	1,805	24,830	-	5,395
	$ 1,545,823	**$ 4,500**	**34,493**	**$ 1,309,734**	**$ -**	**$ 231,589**
Total Purchased Power	**$ 47,083,125**	**$ 10,819,732**	**693,501**	**$ 8,569,538**	**$ 27,032,867**	**$ 660,988**

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 2023

Sales	Total $	Capacity $	Non-capacity mWh	Non-capacity Fuel $	Non-capacity Non-fuel $
Utilities:					
DE Carolinas - As Available Capacity	$ -	$ -	-	-	-
DE Carolinas - Emergency	-	-	-	-	-
Dominion Energy South Carolina, Inc. - Emergency	-	-	-	-	-
South Carolina Public Service Authority - Emergency	-	-	-	-	-
Market Based:					
NCEMC Purchase Power Agreement	$ 1,127,484	$ 652,500	15,439	$ 391,083	$ 83,901
PJM Interconnection, LLC	169,443	-	6,625	141,800	27,643
Other:					
DE Carolinas - Native Load Transfer	9,267,936	-	508,869	8,478,707	789,229
DE Carolinas - Native Load Transfer Benefit	2,494,272	-	-	2,494,272	-
Generation Imbalance	46	-	23	39	7
Total Intersystem Sales	**$ 13,059,181**	**$ 652,500**	**530,956**	**$ 11,505,901**	**$ 900,780**

* 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 2023

	Purchased Power	Total	Capacity	Non-capacity			
	Economic Purchases	**$**	**$**	**mWh**	**Fuel $**	**Fuel-related $**	**Not Fuel $ / Not Fuel-related $**
	Broad River Energy, LLC	$ 142,052,621	$ 35,085,832	1,141,008	$ 97,820,266	$ 9,146,523	-
	City of Fayetteville	20,698,530	12,296,500	55,363	6,812,367	1,589,663	-
	DE Carolinas - Native Load Transfer	78,188,779	-	1,163,032	66,855,603	11,426,244	$ (93,068)
	DE Carolinas - Native Load Transfer Benefit	7,983,289	-	-	7,983,289	-	-
	DE Carolinas - Fees	147,664	-	-	-	147,664	-
	Haywood EMC	356,886	356,886	-	-	-	-
	NCEMC	84,574,516	40,477,903	462,174	43,298,766	797,847	-
	PJM Interconnection, LLC	740,040	-	6,098	601,266	138,774	-
	Southern Company Services	160,513,446	25,775,936	1,944,300	125,253,037	9,484,473	-
		$ 495,255,771	**$ 113,993,057**	**4,771,975**	**$ 348,624,594**	**$ 32,731,188**	**$ (93,068)**
	Renewable Energy Purchases						
	NC REPS	$ 141,144,285	-	2,147,096	-	$ 141,144,285	-
	SC DERP Qualifying Facilities	1,287,549	-	31,142	-	1,230,609	$ 56,940
	SC DERP Net Metering Excess Generation	38,146	$ 9,309	1,135	-	-	28,837
	SC Act 62 Net Metering Excess Generation	5,223	-	219	-	-	5,223
		$ 142,475,203	**$ 9,309**	**2,179,592**	**-**	**$ 142,374,894**	**$ 91,000**
	HB589 PURPA Purchases						
	NC Other Qualifying Facilities	$ 229,468,951	-	3,877,418	-	$ 229,468,951	-
	NC CPRE - Purchased Power	5,645,408	-	168,972	-	-	$ 5,645,408
		$ 235,114,359	**-**	**4,046,390**	**-**	**$ 229,468,951**	**5,645,408**
	Non-dispatchable Purchases						
	DE Carolinas - Emergency	$ 106,271	-	1,150	$ 64,826	-	$ 41,445
*	DE Carolinas - Reliability	8,958,385	$ 8,013	48,546	7,532,522	-	1,417,850
	Dominion Energy South Carolina - Emergency	-	-	-	-	-	-
*	PJM Interconnection, LLC - Reliability	663,608	-	6,438	564,066	-	99,542
	Virginia Electric and Power Company - Emergenc	-	-	-	-	-	-
	Energy Imbalance	(597,912)	-	3,670	(458,262)	-	(139,650)
	Generation Imbalance	199,216	-	3,463	192,163	-	7,053
		$ 9,329,568	**8,013**	**63,267**	**$ 7,895,315**	**-**	**$ 1,426,240**
	Total Purchased Power	**$ 882,174,901**	**$ 114,010,379**	**11,061,224**	**$ 356,519,909**	**$ 404,575,033**	**$ 7,069,580**

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*Current 12ME includes a fuel proxy adjustment increasing fuel costs and decreasing non-fuel costs by $121,556 in the month of December 2022.

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

Twelve Months Ended
March 2023

Sales	Total $	Capacity $	Non-capacity mWh	Non-capacity Fuel $	Non-capacity Non-fuel $
Utilities:					
DE Carolinas - As Available Capacity	$ 383,030	$ 383,030	-	-	-
DE Carolinas - Emergency	30,606	-	177	-	$ 30,606
Dominion Energy South Carolina, Inc. - Emergency	1,510,523	-	2,125	$ 1,185,665	324,858
South Carolina Public Service Authority - Emergency	-	-	-	-	-
Market Based:					
NCEMC Purchase Power Agreement	16,070,106	7,830,000	125,447	12,785,038	(4,544,932)
PJM Interconnection, LLC	2,351,301	-	57,749	2,432,513	(81,212)
Other:					
DE Carolinas - Native Load Transfer	486,736,113	-	6,842,230	472,478,958	14,257,155
DE Carolinas - Native Load Transfer Benefit	47,584,165	-	-	47,584,165	-
Generation Imbalance	131,445	-	1,447	159,668	(28,223)
Total Intersystem Sales	**$ 554,797,289**	**$ 8,213,030**	**7,029,175**	**$ 536,626,007**	**$ 9,958,252**

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

Schedule 4

REVISED

DUKE ENERGY PROGRESS
(OVER) / UNDER RECOVERY OF FUEL COSTS
MARCH 2023

Line No.			Residential	Small General Service	Medium General Service	Large General Service	Lighting	Total
1	1a. System Retail kWh sales	Input						4,548,869,323
	1b. System kWh Sales at generation	Input						4,806,690,373
2	2a. DERP Net Metered kWh generation	Input						2,614,560
	2b. Line loss percentage from Cost of Service	Input Annually						6.314%
	2c. DERP Net Metered kWh at generation	L2a / (1 - L2b)						2,790,769
3	Adjusted System kWh sales	L1b + L2c						4,809,481,141
4	4a. N.C. Retail kWh sales	Input	1,203,095,469	143,355,081	837,365,588	660,695,135	28,253,210	2,872,764,484
	4b. Line loss percentage from Cost of Service	Input Annually	7.665%	7.663%	7.281%	4.667%	7.656%	
	4c. NC kWh Sales at generation	L4a / (1 - L4b)	1,302,967,964	155,252,046	903,121,893	693,039,278	30,595,610	3,084,976,791
	4d. NC allocation % by customer class	Calculated	42.236%	5.033%	29.275%	22.465%	0.992%	
	4e. NC retail % of actual system total	L4c NC Total / L1b Total System						64.181%
	4f. NC retail % of adjusted system total	L4c NC Total / L3 Total System						64.144%
5	Approved fuel and fuel-related rates (¢/kWh)							
	5a Billed rates by class (¢/kWh)	Input Annually	2.808	3.095	2.572	2.138	3.374	2.605
	5b Billed fuel expense	L4a * L5a / 100	$33,783,724	$4,437,127	$21,539,642	$14,123,531	$953,347	$74,837,371
	Rate changes:							
	5c New approved rates	Input Annually	2.808	3.097	2.580	2.138	3.376	
	5d Ratio of days to new rate	Input	100.01%	99.82%	98.13%	99.73%	99.90%	
	5e Prior approved rates	Input Annually	2.126	2.111	2.169	2.019	1.682	
	5f Ratio of days to old rate	Input	-0.01%	0.18%	1.87%	0.27%	0.10%	
	5g Total prorated ¢/KWH	(L5c * L5d) + (L5e * L5f)	2.808	3.095	2.572	2.138	3.374	
6	Incurred base fuel and fuel-related (less renewable purchased power capacity) rates by class (¢/kWh)							
	6a NC Docket E-2, Sub 1292 allocation factor	Input Annually	46.478%	5.552%	26.799%	19.831%	1.339%	100.000%
	6b System incurred expense	Input						$123,536,062
	6c NC incurred expense by class	L4f * L6a * L6b	$36,829,969	$4,399,250	$21,236,026	$15,714,355	$1,061,370	$79,240,971
	6d NC Incurred base fuel rates (¢/kWh)	L6c / L4a * 100	3.061	3.069	2.536	2.378	3.757	2.758
7	Incurred renewable purchased power capacity rates (¢/kWh)							
	7a NC retail production plant %	Input Annually						61.540%
	7b Production plant allocation factors	Input Annually	52.73%	5.99%	25.52%	15.77%	0.00%	100.000%
	7c System incurred expense	Input						5,437,824
	7d NC incurred renewable capacity expense	L7a* L7b* L7c	$1,764,444	$200,349	$853,944	$527,727	$0	$3,346,464
	7e NC incurred rates by class	L7d / L4a * 100	0.147	0.140	0.102	0.080	-	0.116
8	Total incurred rates by class (¢/kWh)	L6h + 7e	3.208	3.209	2.638	2.458	3.757	
9	Difference in ¢/kWh (incurred - billed)	L8 - L5a	0.400	0.113	0.066	0.321	0.382	
10	(Over) / under recovery [See footnote]	L9 * L4a / 100	**$4,810,688**	**$162,472**	**$550,329**	**$2,118,552**	**$108,024**	**$7,750,065**
11	Adjustments	Input	$ 755,125	$ 80,438	$ 481,646	$ 408,290	$ 14,511	$ 1,740,010
12	Total (over) / under recovery [See footnote]	L10 + L11	**$5,565,813**	**$242,910**	**$1,031,975**	**$2,526,842**	**$122,535**	**$9,490,075**
13	Total System Incurred Expenses							$128,973,885
14	Less: Jurisdictional allocation adjustment	Input						58,700
15	Total Fuel and Fuel-related Costs per Schedule 2							$128,915,185
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 2022	($8,047,596)	(523,263)	(439,416)	(4,886,973)	(1,995,062)	(202,882)	($8,047,596)
	May 2022	$15,199,359	13,749,962	949,126	3,303,812	5,159,754	84,301	$23,246,955
_/1	June 2022	$45,010,462	13,609,122	1,011,379	6,365,331	8,520,806	304,465	$29,811,103
	July 2022	$97,312,193	20,868,153	1,958,161	12,574,655	16,353,710	547,052	$52,301,731
	August 2022	$183,048,638	37,756,691	3,639,102	24,618,962	18,823,604	898,086	$85,736,445
	September 2022	$232,830,306	20,250,974	1,609,481	13,819,336	13,637,324	464,553	$49,781,668
	October 2022	$255,497,380	16,611,094	1,069,890	2,158,330	2,600,733	227,027	$22,667,074
	November 2022	$293,986,537	19,407,115	1,654,684	9,287,099	7,840,899	299,360	$38,489,157
	December 2022	$406,838,145	51,498,882	6,365,645	28,321,403	24,845,469	1,820,209	$112,851,608
	January 2023	$451,977,288	15,397,228	2,216,080	14,480,275	12,146,095	899,465	$45,139,143
	February 2023	$476,483,100	9,520,003	1,134,318	7,618,878	5,798,561	434,052	$24,505,812
	March 2023	$485,973,175	5,565,813	242,910	1,031,975	2,526,842	122,535	$9,490,075
	Total		**$223,711,774**	**$21,411,360**	**$118,693,083**	**$116,258,735**	**$5,898,223**	**$485,973,175**

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 2023

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	$ 2,887,041	$ 12,595,795	-	-	-	-	-
Oil	200,032	770,004	-	-	-	-	-
Gas - CC	-	-	$ 16,913,024	$ 22,009,576	$ 4,408,539	$ 21,358,861	-
Gas - CT	-	-	383,557	3,046,044	148,231	-	-
Biogas	-	-	-	118,507	-	-	-
Total	$ 3,087,073	$ 13,365,799	$ 17,296,581	$ 25,174,127	$ 4,556,770	$ 21,358,861	$ -
Average Cost of Fuel Purchased (¢/MBTU)							
Coal	477.00	448.51	-	-	-	-	-
Oil	2,759.82	2,755.62	-	-	-	-	-
Gas - CC	-	-	640.90	581.61	1,838.98	619.79	-
Gas - CT	-	-	683.69	541.06	8,403.12	-	-
Biogas	-	-	-	4,089.27	-	-	-
Weighted Average	504.01	471.24	641.79	578.70	1,886.92	619.79	-
Cost of Fuel Burned ($)							
Coal	$ 3,417,478	$ 13,775,193	-	-	-	-	-
Oil - CC	-	-	-	-	-	$ 1,457	-
Oil - Steam/CT	602,072	855,181	$ 3,712	$ 227,207	$ 8,935	-	$ 23,225
Gas - CC	-	-	16,913,024	22,009,576	4,408,539	21,358,861	-
Gas - CT	-	-	383,557	3,046,044	148,231	-	-
Biogas	-	-	-	118,507	-	-	-
Nuclear	-	-	-	-	-	-	-
Total	$ 4,019,550	$ 14,630,374	$ 17,300,293	$ 25,401,334	$ 4,565,705	$ 21,360,318	$ 23,225
Average Cost of Fuel Burned (¢/MBTU)							
Coal	364.89	377.66	-	-	-	-	-
Oil - CC	-	-	-	-	-	2,111.59	-
Oil - Steam/CT	2,788.14	2,800.57	2,364.33	1,921.41	2,003.36	-	1,841.79
Gas - CC	-	-	640.90	581.61	1,838.98	619.79	-
Gas - CT	-	-	683.69	541.06	8,403.12	-	-
Biogas	-	-	-	4,089.27	-	-	-
Nuclear	-	-	-	-	-	-	-
Weighted Average	419.50	397.78	641.89	582.34	1,887.14	619.82	1,841.79
Average Cost of Generation (¢/kWh)							
Coal	3.67	4.23	-	-	-	-	-
Oil - CC	-	-	-	-	-	18.30	-
Oil - Steam/CT	28.07	31.17	29.55	6.84	61.74	-	92.90
Gas - CC	-	-	4.33	5.43	11.50	4.38	-
Gas - CT	-	-	8.56	2.48	210.18	-	-
Biogas	-	-	-	37.04	-	-	-
Nuclear	-	-	-	-	-	-	-
Weighted Average	4.22	4.45	4.38	4.77	11.88	4.38	92.90
Burned MBTU's							
Coal	936,579	3,647,482	-	-	-	-	-
Oil - CC	-	-	-	-	-	69	-
Oil - Steam/CT	21,594	30,536	157	11,825	446	-	1,261
Gas - CC	-	-	2,638,968	3,784,247	239,728	3,446,162	-
Gas - CT	-	-	56,101	562,982	1,764	-	-
Biogas	-	-	-	2,898	-	-	-
Nuclear	-	-	-	-	-	-	-
Total	958,173	3,678,018	2,695,226	4,361,952	241,938	3,446,231	1,261
Net Generation (mWh)							
Coal	93,040	326,006	-	-	-	-	-
Oil - CC	-	-	-	-	-	8	-
Oil - Steam/CT	2,145	2,743	13	3,323	14	-	25
Gas - CC	-	-	390,474	405,679	38,342	487,225	-
Gas - CT	-	-	4,478	122,798	71	-	-
Biogas	-	-	-	320	-	-	-
Nuclear	-	-	-	-	-	-	-
Hydro (Total System)							
Solar (Total System)							
Total	95,185	328,749	394,965	532,120	38,427	487,233	25
Cost of Reagents Consumed ($)							
Ammonia	$ 48,825	$ 99,167	-	$ 30,144	-	-	-
Limestone	130,779	539,576	-	-	-	-	-
Re-emission Chemical	-	-	-	-	-	-	-
Sorbents	42,032	143,796	-	-	-	-	-
Urea	-	-	-	-	-	-	-
Total	$ 221,636	$ 782,539	$ -	$ 30,144	$ -	$ -	$ -

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 2023

Description	Darlington CT	Wayne County CT	Weatherspoon CT	Brunswick Nuclear	Harris Nuclear	Robinson Nuclear	Current Month	Total 12 ME MARCH 2023
Cost of Fuel Purchased ($)								
Coal	-	-	-	-	-	-	$15,482,836	$242,690,414
Oil	-	$ 6,187	-	-	-	-	976,223	48,066,807
Gas - CC	-	-	-	-	-	-	64,690,000	1,239,836,668
Gas - CT	-	4,119	$ 24	-	-	-	3,581,975	223,742,962
Biogas	-	-	-	-	-	-	118,507	3,280,456
Total	$ -	$ 10,306	$ 24	$ -	$ -	$ -	$84,849,541	$1,757,617,307
Average Cost of Fuel Purchased (¢/MBTU)								
Coal	-	-	-	-	-	-	453.56	421.68
Oil	-	-	-	-	-	-	2,774.07	2,702.21
Gas - CC	-	-	-	-	-	-	639.92	829.60
Gas - CT	-	1,350.49	-	-	-	-	576.67	744.80
Biogas	-	-	-	-	-	-	4,089.27	3,753.08
Weighted Average	-	3,379.02	-	-	-	-	598.29	732.35
Cost of Fuel Burned ($)								
Coal	-	-	-	-	-	-	$17,192,671	$204,189,853
Oil - CC	-	-	-	-	-	-	1,457	754,535
Oil - Steam/CT	$ 230,831	-	$ 47,750	-	-	-	1,998,913	34,512,670
Gas - CC	-	-	-	-	-	-	64,690,000	1,239,836,668
Gas - CT	-	$ 4,119	24	-	-	-	3,581,975	223,742,962
Biogas	-	-	-	-	-	-	118,507	3,280,456
Nuclear	-	-	-	$ 7,492,681	$ 4,219,946	$ 3,646,742	15,359,369	177,505,223
Total	$ 230,831	$ 4,119	$ 47,774	$ 7,492,681	$ 4,219,946	$ 3,646,742	$102,942,892	$1,883,822,367
Average Cost of Fuel Burned (¢/MBTU)								
Coal	-	-	-	-	-	-	375.05	334.02
Oil - CC	-	-	-	-	-	-	2,111.59	2,070.45
Oil - Steam/CT	1,720.44	-	2,067.99	-	-	-	2,451.30	2,110.84
Gas - CC	-	-	-	-	-	-	639.92	829.60
Gas - CT	-	1,350.49	-	-	-	-	576.67	744.80
Biogas	-	-	-	-	-	-	4,089.27	3,753.08
Nuclear	-	-	-	62.27	56.48	61.50	60.39	58.89
Weighted Average	1,720.44	1,350.49	2,069.03	62.27	56.48	61.50	252.11	346.41
Average Cost of Generation (¢/kWh)								
Coal	-	-	-	-	-	-	4.10	3.72
Oil - CC	-	-	-	-	-	-	18.30	24.10
Oil - Steam/CT	23.97	-	82.33	-	-	-	21.53	24.96
Gas - CC	-	-	-	-	-	-	4.89	6.01
Gas - CT	-	-	-	-	-	-	2.82	8.09
Biogas	-	-	-	-	-	-	37.04	28.57
Nuclear	-	-	-	0.65	0.57	0.63	0.62	0.61
Weighted Average	23.97	-	82.37	0.65	0.57	0.63	2.32	3.20
Burned MBTU's								
Coal	-	-	-	-	-	-	4,584,061	61,131,374
Oil - CC	-	-	-	-	-	-	69	36,443
Oil - Steam/CT	13,417	-	2,309	-	-	-	81,545	1,635,020
Gas - CC	-	-	-	-	-	-	10,109,105	149,449,181
Gas - CT	-	305	-	-	-	-	621,152	30,040,606
Biogas	-	-	-	-	-	-	2,898	87,407
Nuclear	-	-	-	12,032,712	7,471,457	5,929,996	25,434,165	301,436,079
Total	13,417	305	2,309	12,032,712	7,471,457	5,929,996	40,832,995	543,816,110
Net Generation (mWh)								
Coal	-	-	-	-	-	-	419,045	5,489,198
Oil - CC	-	-	-	-	-	-	8	3,131
Oil - Steam/CT	963	-	58	-	-	-	9,285	138,295
Gas - CC	-	-	-	-	-	-	1,321,720	20,645,425
Gas - CT	-	(132)	-	-	-	-	127,215	2,766,387
Biogas	-	-	-	-	-	-	320	11,483
Nuclear	-	-	-	1,148,366	734,224	582,021	2,464,611	28,995,015
Hydro (Total System)							81,131	600,694
Solar (Total System)							22,728	250,713
Total	963	(132)	58	1,148,366	734,224	582,021	4,446,063	58,900,342
Cost of Reagents Consumed ($)								
Ammonia	-	-	-	-	-	-	$178,136	$3,753,443
Limestone	-	-	-	-	-	-	670,355	7,995,151
Re-emission Chemical	-	-	-	-	-	-	-	0
Sorbents	-	-	-	-	-	-	185,828	2,300,629
Urea	-	-	-	-	-	-	0	0
Total	$ -	$ -	$ -	$ -	$ -	$ -	$1,034,319	$14,049,223

Schedule 6

Duke Energy Progress
Fuel & Fuel-related Consumption and Inventory Report
MARCH 2023

Description	Mayo	Roxboro	Asheville	Smith Energy Complex	Sutton	Lee	Blewett
Coal Data:							
Beginning balance	343,864	1,011,887	-	-	-	-	-
Tons received during period	24,268	110,714	-	-	-	-	-
Inventory adjustments	-	-	-	-	-	-	-
Tons burned during period	37,016	142,474	-	-	-	-	-
Ending balance	331,116	980,127	-	-	-	-	-
MBTUs per ton burned	25.30	25.60	-	-	-	-	-
Cost of ending inventory ($/ton)	92.32	96.66	-	-	-	-	-
Oil Data:							
Beginning balance	280,064	400,567	4,710,720	7,983,345	1,963,097	-	793,789
Gallons received during period	52,519	202,486	-	-	-	-	-
Miscellaneous use and adjustments	(1,419)	(7,502)	-	-	-	-	-
Gallons burned during period	156,878	221,978	1,152	84,463	3,186	-	9,007
Ending balance	174,286	373,573	4,709,568	7,898,882	1,959,911	-	784,782
Cost of ending inventory ($/gal)	3.84	3.85	3.22	2.69	2.80	-	2.58
Natural Gas Data:							
Beginning balance	-	-	-	-	-	-	-
MCF received during period	-	-	2,612,955	4,201,340	233,675	3,330,559	-
MCF burned during period	-	-	2,612,955	4,201,340	233,675	3,330,559	-
Ending balance	-	-	-	-	-	-	-
Biogas Data:							
Beginning balance	-	-	-	-	-	-	-
MCF received during period	-	-	-	2,800	-	-	-
MCF burned during period	-	-	-	2,800	-	-	-
Ending balance	-	-	-	-	-	-	-
Limestone/Lime Data:							
Beginning balance	17,472	60,207	-	-	-	-	-
Tons received during period	1,586	5,526	-	-	-	-	-
Inventory adjustments	-	-	-	-	-	-	-
Tons consumed during period	2,189	11,026	-	-	-	-	-
Ending balance	16,868	54,707	-	-	-	-	-
Cost of ending inventory ($/ton)	60.07	46.99	-	-	-	-	-

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 2023

Description	Darlington	Wayne County	Weatherspoon	Brunswick	Harris	Robinson	Current Month	Total 12 ME March 2023
Coal Data:								
Beginning balance	-	-	-	-	-	-	1,355,751	1,108,374
Tons received during period	-	-	-	-	-	-	134,982	2,551,239
Inventory adjustments	-	-	-	-	-	-	-	59,158
Tons burned during period	-	-	-	-	-	-	179,490	2,407,532
Ending balance	-	-	-	-	-	-	1,311,243	1,311,243
MBTUs per ton burned	-	-	-	-	-	-	25.54	25.39
Cost of ending inventory ($/ton)	-	-	-	-	-	-	95.57	95.57
Oil Data:								
Beginning balance	7,373,788	10,048,902	606,046	-	125,879	-	34,286,197	33,306,362
Gallons received during period	-	-	-	-	-	-	255,005	12,889,846
Miscellaneous use and adjustments	-	-	-	-	-	-	(8,921)	(106,042)
Gallons burned during period	96,442	503	16,498	-	-	-	590,107	12,147,990
Ending balance	7,277,346	10,048,399	589,548	-	125,879	-	33,942,174	33,942,174
Cost of ending inventory ($/gal)	2.39	2.90	2.89	-	2.31	-	2.79	2.79
Natural Gas Data:								
Beginning balance	-	-	-	-	-	-	-	-
MCF received during period	-	295	-	-	-	-	10,378,824	173,925,356
MCF burned during period	-	295	-	-	-	-	10,378,824	173,925,356
Ending balance	-	-	-	-	-	-	-	-
Biogas Data:								
Beginning balance	-	-	-	-	-	-	-	-
MCF received during period	-	-	-	-	-	-	2,800	84,722
MCF burned during period	-	-	-	-	-	-	2,800	84,722
Ending balance	-	-	-	-	-	-	-	-
Limestone/Lime Data:								
Beginning balance	-	-	-	-	-	-	77,679	93,661
Tons received during period	-	-	-	-	-	-	7,112	124,295
Inventory adjustments	-	-	-	-	-	-	-	2,399
Tons consumed during period	-	-	-	-	-	-	13,215	148,780
Ending balance	-	-	-	-	-	-	71,575	71,575
Cost of ending inventory ($/ton)	-	-	-	-	-	-	50.07	50.07

Schedule 7

DUKE ENERGY PROGRESS

ANALYSIS OF COAL PURCHASED

MARCH 2023

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
MAYO	SPOT	-	$ -	-
	CONTRACT	24,268	2,454,073	$ 101.12
	FUEL MANAGEMENT AGREEMENT	-	430,114	
	FIXED TRANSPORTATION/ADJUSTMENTS	-	2,854	-
	TOTAL	24,268	$ 2,887,041	$ 118.96
ROXBORO	SPOT	-	$ -	-
	CONTRACT	110,714	11,519,611	$ 104.05
	FUEL MANAGEMENT AGREEMENT	-	477,106	
	FIXED TRANSPORTATION/ADJUSTMENTS	-	599,077	-
	TOTAL	110,714	$ 12,595,795	$ 113.77
ALL PLANTS	SPOT	-	$ -	-
	CONTRACT	134,982	13,973,684	$ 103.52
	FUEL MANAGEMENT AGREEMENT	-	907,220	
	FIXED TRANSPORTATION/ADJUSTMENTS	-	601,931	-
	TOTAL	134,982	$ 15,482,836	$ 114.70

Schedule 8

DUKE ENERGY PROGRESS

ANALYSIS OF COAL QUALITY RECEIVED

MARCH 2023

STATION	PERCENT MOISTURE	PERCENT ASH	HEAT VALUE	PERCENT SULFUR
MAYO	6.95	10.28	12,470	1.59
ROXBORO	6.52	9.43	12,683	1.84

Schedule 9

DUKE ENERGY PROGRESS
ANALYSIS OF OIL PURCHASED
MARCH 2023

	MAYO	ROXBORO
VENDOR	Greensboro Tank Farm	Greensboro Tank Farm
SPOT/CONTRACT	Contract	Contract
SULFUR CONTENT %	0	0
GALLONS RECEIVED	52,519	202,486
TOTAL DELIVERED COST	$ 200,032	$ 770,004
DELIVERED COST/GALLON	$ 3.81	$ 3.80
BTU/GALLON	138,000	138,000

Notes:

Sampling Charges of $6187 at Wayne County are excluded.

Duke Energy Progress Power Plant Performance Data Twelve Month Summary
Report Period: April 2022 - March 2023

Unit	Net Generation (MWH)	Capacity Rating (MW)	Capacity Factor (%)	Equivalent Availability (%)
Brunswick 1	8,203,908	938	99.84	97.36
Brunswick 2	7,344,357	932	89.96	89.67
Harris 1	7,796,371	964	92.32	90.83
Robinson 2	5,650,379	759	84.98	83.15

EAF is calculated using Standard NERC calculation and excludes OMC events

Duke Energy Progress
Power Plant Performance Data
Twelve Month Summary
April, 2022 through March, 2023
Combined Cycle Units

Unit Name		Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Lee Energy Complex	1A	1,181,280	225	59.93	72.84
Lee Energy Complex	1B	1,165,624	227	58.62	73.69
Lee Energy Complex	1C	1,313,993	228	65.79	81.29
Lee Energy Complex	ST1	2,208,791	379	66.53	73.95
Lee Energy Complex	Block Total	5,869,688	1,059	63.27	75.24
Smith Energy Complex	7	1,000,818	193	59.20	66.12
Smith Energy Complex	8	1,005,112	193	59.45	67.02
Smith Energy Complex	ST4	1,130,297	184	70.12	73.04
Smith Energy Complex	9	1,296,243	215	68.82	77.35
Smith Energy Complex	10	1,305,894	215	69.34	78.11
Smith Energy Complex	ST5	1,812,878	252	82.12	84.83
Smith Energy Complex	Block Total	7,551,242	1,252	68.85	75.03
Sutton Energy Complex	1A	1,100,184	224	56.07	64.54
Sutton Energy Complex	1B	1,085,252	224	55.31	66.19
Sutton Energy Complex	ST1	1,347,652	271	56.77	73.65
Sutton Energy Complex	Block Total	3,533,088	719	56.09	68.49
Asheville CC	ACC CT5	1,194,795	190	71.79	72.26
Asheville CC	ACC CT7	1,264,966	190	76.00	79.73
Asheville CC	ACC ST6	599,466	90	76.04	76.06
Asheville CC	ACC ST8	646,794	90	82.04	81.05
Asheville CC	Block Total	3,706,021	560	75.55	76.82

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, 2022 through March, 2023
Intermediate Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Mayo 1	983,775	713	15.75	56.04
Roxboro 2	1,906,115	673	32.33	78.55
Roxboro 3	1,361,025	698	22.26	73.09
Roxboro 4	610,304	711	9.80	41.34

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, 2022 through March, 2023
Other Cycling Steam Units

Unit Name		Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Roxboro	1	657,914	389	19.30	77.56

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, 2022 through March, 2023
Combustion Turbine Stations

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Asheville CT	359,074	370	95.55
Blewett CT	141	68	94.64
Darlington CT	92,768	264	93.23
Smith Energy Complex CT	1,892,412	960	79.78
Sutton Fast Start CT	9,231	98	97.53
Wayne County	520,136	966	79.35
Weatherspoon CT	986	164	90.41

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, 2022 through March, 2023
Hydroelectric Stations

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Blewett	112,305	27.0	93.93
Marshall	591	4.0	92.36
Tillery	165,666	85.0	83.95
Walters	322,131	113.0	51.08

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 2023

Station	Unit	Date of Outage	Duration of Outage (Hours)	Scheduled / Unscheduled	Cause of Outage	Reason Outage Occurred	Remedial Actions Taken
Brunswick	1						
	2	02/07/2023 - 03/08/2023	173.65	Scheduled	B2R26 Refueling Outage	N/A normally scheduled refueling outage.	N/A normally scheduled refueling outage.
Harris	1						
Robinson	2						

Duke Energy Progress
Baseload Steam and CHP Units
Performance Review Plan
March 2023

DEP Asheville CC

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
ST6	3/30/2023 11:55:00 PM To 3/31/2023 12:00:00 AM	Sch	8700	CEMS Certification and Recertification	Unit 6 Steam Turbine offline to perform RATA test on Unit 5 bypass stack.	

Lee Energy Complex

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
1A	3/31/2023 12:23:00 PM To 3/31/2023 12:30:00 PM	Unsch	5049	Other fuel system problems	Unit tripped during fuel swap to liquid fuel	
1B	3/7/2023 11:59:00 PM To 4/16/2023 4:24:00 AM	Sch	5012	High pressure blades/buckets	Planned outage to replace compressor blades on rows 10-13	
1C	3/31/2023 3:37:00 PM To 3/31/2023 3:45:00 PM	Unsch	5049	Other fuel system problems	Unit tripped during fuel swap to liquid fuel.	
ST1	3/31/2023 11:41:00 AM To 4/16/2023 10:23:00 AM	Sch	4401	Inspection	GMS Outage	

Mayo Station

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
1	3/7/2023 7:10:00 PM To 3/8/2023 1:00:00 PM	Unsch	4309	Other turbine instrument and control problems	Forced outage due to #3 Throttle Valve erratic behavior. Valve is opening when it should be shut.	
1	3/20/2023 10:29:00 PM To 3/31/2023 12:00:00 AM	Sch	4261	Control valves	GMS Outage for work on the turbine Throttle valves, Governor valves. We will also rebuild A&D AR pump suction valves and the associated pump. Drone inspection of the boiler burners and FGD suction and discharge piping.	

Roxboro Station

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
3	3/28/2023 5:00:00 PM To 3/30/2023 3:00:00 PM	Sch	3622	Station service startup transformer	3A Start Up Transformer blown PT fuses. Replacement fuses ordered and installed.	
4	2/20/2023 7:00:00 AM To 3/16/2023 9:00:00 AM	Sch	8580	Mechanical precipitator problems	Precip/DFA System Work	

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 2023

Smith Energy Complex

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
7	3/17/2023 5:01:00 AM To 3/31/2023 12:00:00 AM	Sch	4400	Major turbine overhaul (720 hours or longer) (use for non-specific overhaul only; see page B-CCGT-2)	Full Block, ST4 Major, BOP.	
8	3/17/2023 5:01:00 AM To 3/31/2023 12:00:00 AM	Sch	4400	Major turbine overhaul (720 hours or longer) (use for non-specific overhaul only; see page B-CCGT-2)	Full Block, ST4 Major, BOP.	
9	2/24/2023 3:41:00 AM To 3/14/2023 12:43:00 AM	Sch	5035	Compressor washing	Fall GMS Outage, Borescope, Air Seperator inspection, BOP.	
9	3/14/2023 11:18:00 AM To 3/15/2023 1:38:00 AM	Sch	4700	Generator voltage control	Initial AVR testing complete, waiting for engineering confirmation.	
10	2/24/2023 4:24:00 AM To 3/14/2023 9:44:00 PM	Sch	5035	Compressor washing	Fall GMS Outage, Borescope, Air Seperator inspection, BOP.	
10	3/23/2023 9:42:00 PM To 3/24/2023 2:01:00 PM	Sch	5052	Pilot fuel nozzles/vanes	Repair gas leak on Pilot nozzle	
10	3/29/2023 11:50:00 AM To 3/30/2023 5:05:00 AM	Unsch	5049	Other fuel system problems	Gas leak developed on the C stage gas tubing on combustion can #9.	
ST4	3/17/2023 4:07:00 AM To 3/31/2023 12:00:00 AM	Sch	4400	Major turbine overhaul (720 hours or longer) (use for non-specific overhaul only; see page B-CCGT-2)	Full Block, ST4 Major, BOP.	
ST5	2/24/2023 3:01:00 AM To 3/15/2023 3:40:00 AM	Sch	5035	Compressor washing	Fall GMS Outage, Borescope, Air Seperator inspection, BOP.	

Sutton Energy Complex

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
1A	3/4/2023 1:20:00 AM To 4/3/2023 7:18:00 PM	Sch	3998	Balance of plant overhaul/outage	Planned BOP, CT, and Steam Turbine Valve Outage.	
1B	3/4/2023 1:23:00 AM To 4/6/2023 12:01:00 PM	Sch	3998	Balance of plant overhaul/outage	Planned BOP, CT, and Steam Turbine Valve Outage.	
ST1	3/4/2023 12:55:00 AM To 4/5/2023 11:24:00 PM	Sch	3998	Balance of plant overhaul/outage	Planned BOP, CT, and Steam Turbine Valve Outage.	

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 2023

	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)	709,295	439,071	734,224	582,021
(C2) Capacity Factor (%)	101.77	63.41	102.51	103.21
(D1) Net MWH Not Gen. Due to Full Schedule Outages	0	161,842	0	0
(D2) % Net MWH Not Gen. Due to Full Schedule Outages	0	23.37	0	0
(E1) Net MWH Not Gen. Due to Partial Scheduled Outages	6,541	57,152	0	0
(E2) % Net MWH Not Gen. Due to Partial Scheduled Outages	0.94	8.25	0	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	-18,902	34,411	-17,972	-18,084
(G2) % Net MWH Not Gen Due to Partial Forced Outages	-2.71	4.97	-2.51	-3.21
(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 (%)	99.06	62.9	99.89	100
(L) Output Factor (%)	101.77	82.74	102.51	103.21
(M) Heat Rate (BTU/Net KWH)	10,312	10,747	10,176	10,189

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 2023

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)	129,253	66,092	195,345
(D) Capacity Factor (%)	91.56	98.84	93.90
(E) Net mWh Not Generated due to Full Scheduled Outages	0	2,167	2,167
(F) Scheduled Outages: percent of Period Hrs	0.00	3.24	1.04
(G) Net mWh Not Generated due to Partial Scheduled Outages	10,030	1,797	11,828
(H) Scheduled Derates: percent of Period Hrs	7.11	2.69	5.69
(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	1,887	0	1,887
(N) Economic Dispatch: percent of Period Hrs	1.34	0.00	0.91
(O) Net mWh Possible in Period	141,170	66,870	208,040
(P) Equivalent Availability (%)	92.89	94.07	93.27
(Q) Output Factor (%)	91.56	102.15	94.89
(R) Heat Rate (BTU/NkWh)	10,214	0	6,758

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 2023

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)	129,454	65,675	195,129
(D) Capacity Factor (%)	91.70	98.21	93.79
(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	943	0	943
(N) Economic Dispatch: percent of Period Hrs	0.67	0.00	0.45
(O) Net mWh Possible in Period	141,170	66,870	208,040
(P) Equivalent Availability (%)	92.37	97.22	93.93
(Q) Output Factor (%)	91.70	98.21	93.79
(R) Heat Rate (BTU/NkWh)	10,198	0	6,766

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 2023

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)	132,729	26,335	132,455	195,714	487,233
(D) Capacity Factor (%)	79.40	15.61	78.19	69.50	61.92
(E) Net mWh Not Generated due to Full Scheduled Outages	225	130,529	228	4,668	135,650
(F) Scheduled Outages: percent of Period Hrs	0.13	77.39	0.13	1.66	17.24
(G) Net mWh Not Generated due to Partial Scheduled Outages	20,402	4,955	22,627	58,660	106,644
(H) Scheduled Derates: percent of Period Hrs	12.20	2.94	13.36	20.83	13.55
(I) Net mWh Not Generated due to Full Forced Outages	26	0	30	0	57
(J) Forced Outages: percent of Period Hrs	0.02	0.00	0.02	0.00	0.01
(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	13,793	6,842	14,064	22,555	57,253
(N) Economic Dispatch: percent of Period Hrs	8.25	4.06	8.30	8.01	7.28
(O) Net mWh Possible in Period	167,175	168,661	169,404	281,597	786,837
(P) Equivalent Availability (%)	87.65	19.67	86.49	77.51	69.20
(Q) Output Factor (%)	80.66	69.06	79.08	70.67	75.29
(R) Heat Rate (BTU/NkWh)	8,718	9,045	8,659	4,624	7,075

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 2023

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)	57,773	57,602	65,845	181,220
(D) Capacity Factor (%)	40.29	40.17	48.16	42.79
(E) Net mWh Not Generated due to Full Scheduled Outages	68,512	68,512	65,482	202,506
(F) Scheduled Outages: percent of Period Hrs	47.78	47.78	47.90	47.82
(G) Net mWh Not Generated due to Partial Scheduled Outages	7,954	7,954	2,516	18,425
(H) Scheduled Derates: percent of Period Hrs	5.55	5.55	1.84	4.35
(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	9,160	9,331	2,868	21,359
(N) Economic Dispatch: percent of Period Hrs	6.39	6.51	2.10	5.04
(O) Net mWh Possible in Period	143,399	143,399	136,712	423,510
(P) Equivalent Availability (%)	46.68	46.68	50.26	47.83
(Q) Output Factor (%)	77.15	76.92	92.44	82.00
(R) Heat Rate (BTU/NkWh)	14,413	14,432	0	9,182

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 2023

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)	71,856	63,787	89,136	224,779
(D) Capacity Factor (%)	44.98	39.93	47.61	44.36
(E) Net mWh Not Generated due to Full Scheduled Outages	70,101	75,046	85,344	230,491
(F) Scheduled Outages: percent of Period Hrs	43.88	46.98	45.58	45.49
(G) Net mWh Not Generated due to Partial Scheduled Outages	7,714	6,969	2,379	17,061
(H) Scheduled Derates: percent of Period Hrs	4.83	4.36	1.27	3.37
(I) Net mWh Not Generated due to Full Forced Outages	0	3,709	0	3,709
(J) Forced Outages: percent of Period Hrs	0.00	2.32	0.00	0.73
(K) Net mWh Not Generated due to Partial Forced Outages	0	0	2,888	2,888
(L) Forced Derates: percent of Period Hrs	0.00	0.00	1.54	0.57
(M) Net mWh Not Generated due to Economic Dispatch	10,075	10,235	7,489	27,799
(N) Economic Dispatch: percent of Period Hrs	6.31	6.41	4.00	5.49
(O) Net mWh Possible in Period	159,745	159,745	187,236	506,726
(P) Equivalent Availability (%)	51.29	46.34	51.61	49.84
(Q) Output Factor (%)	80.16	79.04	87.48	82.57
(R) Heat Rate (BTU/NkWh)	1,015	14,891	1,568	5,172

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 2023

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)	11,985	11,982	14,375	38,342
(D) Capacity Factor (%)	7.20	7.20	7.14	7.18
(E) Net mWh Not Generated due to Full Scheduled Outages	150,005	149,994	181,592	481,592
(F) Scheduled Outages: percent of Period Hrs	90.13	90.12	90.19	90.15
(G) Net mWh Not Generated due to Partial Scheduled Outages	1,870	1,871	109	3,851
(H) Scheduled Derates: percent of Period Hrs	1.12	1.12	0.05	0.72
(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	2,572	2,585	5,276	10,432
(N) Economic Dispatch: percent of Period Hrs	1.55	1.55	2.62	1.95
(O) Net mWh Possible in Period	166,432	166,432	201,353	534,217
(P) Equivalent Availability (%)	8.75	8.75	9.76	9.13
(Q) Output Factor (%)	72.96	72.90	72.74	72.86
(R) Heat Rate (BTU/NkWh)	9,998	9,998	0	6,250

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 2023

	Mayo Station Unit 1
(A) MDC (mW)	713
(B) Period Hrs	743
(C) Net Generation (mWh)	95,185
(D) Net mWh Possible in Period	529,759
(E) Equivalent Availability (%)	61.86
(F) Output Factor (%)	47.14
(G) Capacity Factor (%)	17.97

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 2023

	Roxboro Station		
	Unit 2	**Unit 3**	**Unit 4**
(A) MDC (mW)	673	698	711
(B) Period Hrs	743	743	743
(C) Net Generation (mWh)	199,858	99,058	30,556
(D) Net mWh Possible in Period	500,039	518,614	528,273
(E) Equivalent Availability (%)	100.00	65.51	32.35
(F) Output Factor (%)	44.76	38.48	40.74
(G) Capacity Factor (%)	39.97	19.10	5.78

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 2022 - March 2023

	Brunswick 1	Brunswick 2	Harris 1	Robinson 2
(A) MDC (MW)	938	932	964	759
(B) Period Hours	8,760	8,760	8,760	8,760
(C1) Net Gen (MWH)	8,203,908	7,344,357	7,796,371	5,650,379
(C2) Capacity Factor (%)	99.84	89.96	92.32	84.98
(D1) Net MWH Not Gen. Due to Full Schedule Outages	82,654	633,077	512,542	546,480
(D2) % Net MWH Not Gen. Due to Full Schedule Outages	1.01	7.75	6.07	8.22
(E1) Net MWH Not Gen. Due to Partial Scheduled Outages	112,616	107,431	52,927	-917
(E2) % Net MWH Not Gen. Due to Partial Scheduled Outages	1.37	1.32	0.63	-0.01
(F1) Net MWH Not Gen Due to Full Forced Outages	0	0	145,195	543,014
(F2) % Net MWH Not Gen Due to Full Forced Outages	0	0	1.72	8.17
(G1) Net MWH Not Gen due to Partial Forced Outages	-182,298	79,455	-62,395	-90,116
(G2) % Net MWH Not Gen Due to Partial Forced Outages	-2.22	0.97	-0.74	-1.36
(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	8,216,880	8,164,320	8,444,640	6,648,840
(J2) % Net mwh Possible in Period	100.00%	100.00%	100.00%	100.00%
(K) Equivalent Availability (%)	97.36	89.67	90.83	83.15
(L) Output Factor (%)	100.86	97.52	100.12	101.64
(M) Heat Rate (BTU/Net KWH)	10,345	10,640	10,284	10,297

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, 2022 through March, 2023
DEP Asheville CC

	ACC CT5	ACC ST6	Block Total
(A) MDC (mW)	190	90	280
(B) Period Hrs	8,760	8,760	8,760
(C) Net Generation (mWh)	1,194,795	599,466	1,794,261
(D) Capacity Factor (%)	71.79	76.04	73.15
(E) Net mWh Not Generated due to Full Scheduled Outages	320,046	154,704	474,749
(F) Scheduled Outages: percent of Period Hrs	19.23	19.62	19.36
(G) Net mWh Not Generated due to Partial Scheduled Outages	141,710	18,727	160,437
(H) Scheduled Derates: percent of Period Hrs	8.51	2.38	6.54
(I) Net mWh Not Generated due to Full Forced Outages	0	15,320	15,320
(J) Forced Outages: percent of Period Hrs	0.00	1.94	0.62
(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	7,206	0	7,206
(N) Economic Dispatch: percent of Period Hrs	0.43	0.00	0.29
(O) Net mWh Possible in Period	1,664,400	788,400	2,452,800
(P) Equivalent Availability (%)	72.26	76.06	73.48
(Q) Output Factor (%)	88.90	96.94	91.44
(R) Heat Rate (BTU/NkWh)	9,914	0	6,602

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
April, 2022 through March, 2023
DEP Asheville CC

	ACC CT7	ACC ST8	Block Total
(A) MDC (mW)	190	90	280
(B) Period Hrs	8,760	8,760	8,760
(C) Net Generation (mWh)	1,264,966	646,794	1,911,760
(D) Capacity Factor (%)	76.00	82.04	77.94
(E) Net mWh Not Generated due to Full Scheduled Outages	158,063	116,025	274,088
(F) Scheduled Outages: percent of Period Hrs	9.50	14.72	11.17
(G) Net mWh Not Generated due to Partial Scheduled Outages	163,136	21,057	184,193
(H) Scheduled Derates: percent of Period Hrs	9.80	2.67	7.51
(I) Net mWh Not Generated due to Full Forced Outages	16,127	10,775	26,902
(J) Forced Outages: percent of Period Hrs	0.97	1.37	1.10
(K) Net mWh Not Generated due to Partial Forced Outages	0	1,522	1,522
(L) Forced Derates: percent of Period Hrs	0.00	0.19	0.06
(M) Net mWh Not Generated due to Economic Dispatch	62,108	-7,773	54,335
(N) Economic Dispatch: percent of Period Hrs	3.73	-0.99	2.22
(O) Net mWh Possible in Period	1,664,400	788,400	2,452,800
(P) Equivalent Availability (%)	79.73	81.05	80.16
(Q) Output Factor (%)	89.72	97.76	92.29
(R) Heat Rate (BTU/NkWh)	10,111	0	6,690

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
April, 2022 through March, 2023
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	8,760	8,760	8,760	8,760	8,760
(C) Net Generation (mWh)	1,181,280	1,165,624	1,313,993	2,208,791	5,869,688
(D) Capacity Factor (%)	59.93	58.62	65.79	66.53	63.27
(E) Net mWh Not Generated due to Full Scheduled Outages	317,563	257,584	74,982	765,027	1,415,155
(F) Scheduled Outages: percent of Period Hrs	16.11	12.95	3.75	23.04	15.25
(G) Net mWh Not Generated due to Partial Scheduled Outages	224,453	262,777	298,721	80,124	866,076
(H) Scheduled Derates: percent of Period Hrs	11.39	13.21	14.96	2.41	9.34
(I) Net mWh Not Generated due to Full Forced Outages	853	16,226	57	17,461	34,596
(J) Forced Outages: percent of Period Hrs	0.04	0.82	0.00	0.53	0.37
(K) Net mWh Not Generated due to Partial Forced Outages	0	0	0	7,140	7,140
(L) Forced Derates: percent of Period Hrs	0.00	0.00	0.00	0.22	0.08
(M) Net mWh Not Generated due to Economic Dispatch	246,851	286,309	309,527	240,766	1,083,453
(N) Economic Dispatch: percent of Period Hrs	12.52	14.40	15.50	7.25	11.68
(O) Net mWh Possible in Period	1,971,000	1,988,520	1,997,280	3,320,040	9,276,840
(P) Equivalent Availability (%)	72.46	73.02	81.29	73.80	74.96
(Q) Output Factor (%)	75.47	72.12	73.14	87.27	78.17
(R) Heat Rate (BTU/NkWh)	9,233	9,616	9,482	4,435	7,559

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
April, 2022 through March, 2023
Smith Energy Complex

	Unit 7	Unit 8	Unit ST4	Block Total
(A) MDC (mW)	193	193	184	570
(B) Period Hrs	8,760	8,760	8,760	8,760
(C) Net Generation (mWh)	1,000,818	1,005,112	1,130,297	3,136,227
(D) Capacity Factor (%)	59.20	59.45	70.12	62.81
(E) Net mWh Not Generated due to Full Scheduled Outages	405,085	388,738	363,581	1,157,403
(F) Scheduled Outages: percent of Period Hrs	23.96	22.99	22.56	23.18
(G) Net mWh Not Generated due to Partial Scheduled Outages	159,969	164,459	65,338	389,765
(H) Scheduled Derates: percent of Period Hrs	9.46	9.73	4.05	7.81
(I) Net mWh Not Generated due to Full Forced Outages	7,675	4,339	3,401	15,415
(J) Forced Outages: percent of Period Hrs	0.45	0.26	0.21	0.31
(K) Net mWh Not Generated due to Partial Forced Outages	0	0	2,300	2,300
(L) Forced Derates: percent of Period Hrs	0.00	0.00	0.14	0.05
(M) Net mWh Not Generated due to Economic Dispatch	116,843	127,738	46,923	291,504
(N) Economic Dispatch: percent of Period Hrs	6.91	7.56	2.91	5.84
(O) Net mWh Possible in Period	1,690,680	1,690,680	1,611,840	4,993,200
(P) Equivalent Availability (%)	66.12	67.02	73.04	68.66
(Q) Output Factor (%)	78.73	78.23	90.80	82.51
(R) Heat Rate (BTU/NkWh)	11,291	11,315	0	7,229

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
April, 2022 through March, 2023
Smith Energy Complex

	Unit 9	Unit 10	Unit ST5	Block Total
(A) MDC (mW)	193	193	184	570
(B) Period Hrs	8,760	8,760	8,760	8,760
(C) Net Generation (mWh)	1,000,818	1,005,112	1,130,297	3,136,227
(D) Capacity Factor (%)	59.20	59.45	70.12	62.81
(E) Net mWh Not Generated due to Full Scheduled Outages	405,086	388,741	363,582	1,157,409
(F) Scheduled Outages: percent of Period Hrs	23.96	22.99	22.56	23.18
(G) Net mWh Not Generated due to Partial Scheduled Outages	159,968	164,457	65,342	389,767
(H) Scheduled Derates: percent of Period Hrs	9.46	9.73	4.05	7.81
(I) Net mWh Not Generated due to Full Forced Outages	7,676	4,341	3,400	15,417
(J) Forced Outages: percent of Period Hrs	0.45	0.26	0.21	0.31
(K) Net mWh Not Generated due to Partial Forced Outages	0	0	2,302	2,302
(L) Forced Derates: percent of Period Hrs	0.00	0.00	0.14	0.05
(M) Net mWh Not Generated due to Economic Dispatch	116,842	127,736	46,917	291,494
(N) Economic Dispatch: percent of Period Hrs	6.91	7.56	2.91	5.84
(O) Net mWh Possible in Period	1,690,680	1,690,680	1,611,840	4,993,200
(P) Equivalent Availability (%)	66.12	67.02	73.04	68.66
(Q) Output Factor (%)	78.73	78.23	90.80	82.51
(R) Heat Rate (BTU/NkWh)	11,291	11,315	0	7,229

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
April, 2022 through March, 2023
Sutton Energy Complex

	Unit 1A	Unit 1B	Unit ST1	Block Total
(A) MDC (mW)	215	215	252	682
(B) Period Hrs	8,760	8,760	8,760	8,760
(C) Net Generation (mWh)	1,296,243	1,305,894	1,812,878	4,415,015
(D) Capacity Factor (%)	68.82	69.34	82.12	73.90
(E) Net mWh Not Generated due to Full Scheduled Outages	261,419	244,489	288,008	793,916
(F) Scheduled Outages: percent of Period Hrs	13.88	12.98	13.05	13.29
(G) Net mWh Not Generated due to Partial Scheduled Outages	164,344	163,327	27,347	355,018
(H) Scheduled Derates: percent of Period Hrs	8.73	8.67	1.24	5.94
(I) Net mWh Not Generated due to Full Forced Outages	9,449	13,195	28,128	50,772
(J) Forced Outages: percent of Period Hrs	0.50	0.70	1.27	0.85
(K) Net mWh Not Generated due to Partial Forced Outages	0	0	2,888	2,888
(L) Forced Derates: percent of Period Hrs	0.00	0.00	0.13	0.05
(M) Net mWh Not Generated due to Economic Dispatch	151,945	156,495	48,271	356,711
(N) Economic Dispatch: percent of Period Hrs	8.07	8.31	2.19	5.97
(O) Net mWh Possible in Period	1,883,400	1,883,400	2,207,520	5,974,320
(P) Equivalent Availability (%)	76.89	77.65	84.31	79.87
(Q) Output Factor (%)	81.08	81.03	95.85	86.54
(R) Heat Rate (BTU/NkWh)	10,984	11,606	1,396	7,231

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
Intermediate Power Plant
Performance Review Plan
April, 2022 through March, 2023
Mayo Station

Units		Unit 1
(A)	MDC (mW)	713
(B)	Period Hrs	8,760
(C)	Net Generation (mWh)	983,775
(D)	Net mWh Possible in Period	6,245,880
(E)	Equivalent Availability (%)	56.04
(F)	Output Factor (%)	39.06
(G)	Capacity Factor (%)	15.75

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, 2022 through March, 2023
Roxboro Station

Units	Unit 2	Unit 3	Unit 4
(A) MDC (mW)	673	698	711
(B) Period Hrs	8,760	8,760	8,760
(C) Net Generation (mWh)	1,906,115	1,361,025	610,304
(D) Net mWh Possible in Period	5,895,480	6,114,480	6,228,360
(E) Equivalent Availability (%)	78.55	73.09	41.34
(F) Output Factor (%)	54.15	43.55	49.53
(G) Capacity Factor (%)	32.33	22.26	9.80

Notes:

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