

**DUKE ENERGY PROGRESS NC**  
**Rate LGS-TOU 79, Large General Service (Time of Use)**

	<u>Jan-24 Cost</u>	<u>2033 Bill Total</u>	<u>2033 Bill Increase vs. 2024</u>	<u>2038 Bill Total</u>	<u>2038 Bill Increase vs. 2024</u>
Total Cost	\$2,490,352	\$3,544,548	\$1,054,195	\$3,976,933	\$1,486,581
Unit Cost (\$/mwh)	75.81	107.90	32.09	121.06	45.25

**DUKE ENERGY CAROLINAS NC**  
**Schedule OPT-V Optional Power Service, Time-of-Use, With Voltage Differential  
 Transmission Service**

	<u>Jan-24 Cost</u>	<u>2033 Bill Total</u>	<u>2033 Bill Increase vs. 2024</u>	<u>2038 Bill Total</u>	<u>2038 Bill Increase vs. 2024</u>
Total Cost	\$2,186,268	\$3,138,773	\$952,505	\$3,635,849	\$1,449,581
Unit Cost (\$/mwh)	66.55	95.55	29.00	110.68	44.13

Sources:

Compound Annual Growth Rate, Carolinas Resource Plan, Docket No. E-100, Sub 190,  
 Supplemental Planning Analysis, Figure SPA 3-6, page 44.

DUKE ENERGY PROGRESS NC  
 DEP 2038  
 Rate LGS-TOU 79, Large General Service (Time of Use)

Projected  
 Percent Increase  
vs. 2024  
 59.7%

Monthly Bill  
 Typical Industrial Customer  
 50 MW @ 90% Load Factor

Description	Units	Rates	Jan-24 Cost	2038 Bill Total	2038 Bill Increase vs. 2024
Basic Customer Charge	1	\$ 210.00	\$ 210	\$ 335	\$ 125
Demand Charge:					
On-Peak Demand Charge	50,000	\$ 6.38	319,000	509,423	190,423
Mid-Peak Demand Charges:					
First 5,000 kW	5,000	\$ 14.10	70,500	112,584	42,084
Next 5,000 kW	5,000	\$ 13.31	66,550	106,276	39,726
Additional kW	40,000	\$ 12.53	501,200	800,384	299,184
Base Demand Charge	50,000	\$ 1.75	87,500	139,732	52,232
Energy Charge:					
On Peak MWh	2,933	\$ 56.28	165,071	263,608	98,537
Discount MWh	9,581	\$ 24.84	237,998	380,068	142,070
Off-Peak MWh	20,336	\$ 31.92	649,116	1,036,597	387,481
<b>Base Rate</b>			<b>\$ 2,097,146</b>	<b>\$ 3,349,007</b>	<b>\$ 1,251,862</b>
<b>Fuel (eff. 12/1/23)</b>					
			\$21.38/MWh included in base rate		
Fuel & Fuel Related Adj's-Rate	32,850	(0.26)	(8,541)	(13,639)	(5,098)
Fuel & Fuel Related Adj's-EMF	32,850	12.51	410,954	656,266	245,313
<b>Fuel Cost</b>			<b>\$ 402,413</b>	<b>\$ 642,627</b>	<b>\$ 240,215</b>
Delivery Voltage (Transmission) (eff. 10/1/23)					
per kW	50,000	(1.05)	(52,500)	(83,839)	(31,339)
per MWh	32,850	(0.17)	(5,585)	(8,918)	(3,334)
REPS Adjustment (Effec.1/1/24)	1	43.49	43	69	26
DSM/EE Opt-out Charge (Rider BA-27A) Eff 1/1/24	32,850	3.87	-	-	-
EDIT-4	32,850	(0.93)	(30,551)	(48,787)	(18,237)
JAA	50,000	1.43	71,500	114,181	42,681
CPRE (eff 12/1/23)	32,850	0.11	3,614	5,771	2,157
STS (eff 1/1/24)	32,850	0.22	7,227	11,541	4,314
RAL-2 Regulatory Asset and Liability (eff 10/1/23)	32,850	(0.090)	(2,957)	(4,721)	(1,765)
CAR (eff 1/1/24)	1	1.70	1.70	2.71	1.01
<b>Other Riders and Costs</b>			<b>\$ (9,206)</b>	<b>\$ (14,701)</b>	<b>\$ (5,495)</b>
<b>Total Cost</b>			<b>\$ 2,490,352</b>	<b>\$ 3,976,933</b>	<b>\$ 1,486,581</b>
<b>Unit Cost (\$/mwh)</b>			<b>75.81</b>	<b>121.06</b>	<b>45.25</b>

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May 28 2024

**DUKE ENERGY CAROLINAS NC**  
**DEC-2038**  
**Schedule OPT-V Optional Power Service, Time-of-Use, With Voltage Differential**  
**Transmission Service**

Projected  
 Percent Increase  
vs. 2024  
 66.3%

**Monthly Bill**  
**Typical Industrial Customer**  
**50 MW @ 90% Load Factor**

<u>Description</u>	<u>Units</u>	<u>Rate</u>	<u>Jan-24 Cost</u>	<u>2038 Bill Total</u>	<u>2038 Bill Increase vs. 2024</u>
Customer Charge	1	\$ 34.00	\$ 34	\$ 57	\$ 23
Demand Charge:			0		
On-Peak Demand, per kW	50,000	\$ 2.49	124,500	207,048	82,548
Mid-Peak Demand, per kW	50,000	\$ 6.17	308,500	513,048	204,548
Base Demand, per kW	50,000	\$ 0.49	24,500	40,744	16,244
Energy:			-		
On Peak MWh	2,933	\$ 97.202	285,097	474,127	189,031
Discount MWh	9,581	\$ 26.341	252,380	419,717	167,338
Off Peak MWh	20,336	\$ 41.213	838,096	1,393,786	555,691
<b>Base Rate</b>			<b>\$1,833,106</b>	<b>\$ 3,048,529</b>	<b>\$ 1,215,422</b>
<b>Fuel Cost Adj. Factor-eff. 1/15/24</b>	32,850	13.113	<b>\$ 430,762</b>	<b>\$ 716,374</b>	<b>\$ 285,612</b>
CPRE Rider eff. 9/1/23	32,850	0.160	5,256	8,741	3,484.94
REPS Renewable Engy. Portf. Stnd eff. 9/1/23	1	22.70	23	38	15.05
Energy Riders: All MWh					
Energy Efficiency Rider - eff 1/1/24	32,850	4.343	-	-	-
BPM Prospective - eff.7/1/23	32,850	(0.128)	(4,205)	(6,993)	(2,787.95)
Existing DSM Prog. Cost Adj-eff. 1/15/24	32,850	(0.022)	(723)	(1,202)	(479.18)
BPM True-Up - eff. 7/1/23	32,850	(0.071)	(2,332)	(3,879)	(1,546.44)
EDIT-4 Rider - eff. 1/15/24	32,850	(2.371)	(77,887)	(129,530)	(51,642.40)
STS Rider - Storm Securitization - Eff. 1/15/2024	32,850	0.078	2,562	4,261	1,698.91
Rider RAL-1 Regulatory Asset and Liability	32,850	(0.009)	(296)	(492)	(196.03)
Rider ESM Earnings Sharing Mechanism	32,850	0.000	-	-	-
Rider PIM Performance Incentive Mechanism	32,850	0.000	-	-	-
Customer Assistance Recovery	1	1.300	1	2	0.86
<b>Other Riders and Costs</b>			<b>\$ (77,601)</b>	<b>\$ (129,054)</b>	<b>(51,453.10)</b>
<b>Total Cost</b>			<b>\$2,186,268</b>	<b>\$ 3,635,849</b>	<b>\$ 1,449,581</b>
<b>Unit Cost (\$/mwh)</b>			<b>66.55</b>	<b>110.68</b>	<b>44.13</b>