

DUKE ENERGY CAROLINAS CUSTOMER GENERATOR RATE OPTIONS

	RIDER SCG (NC Only)	Rider NM (NC & SC)	NC Schedules PP-N & PP-H; SC Schedule PP	Schedule PG (NC & SC)
Generator scenario	Offset consumption, sell excess.	Offset consumption; carry over monthly excess to next month up to 1 year.	Buy all energy requirements on standard rate; sell all output under purchased power rate.	Offset consumption, sell excess.
Generator systems allowed	Photovoltaic, wind-powered, hydroelectric, or biomass-fueled.	Photovoltaic, wind-powered, micro-hydro or biomass-fueled generation source of energy.	NC Schedule PP-N serves non-hydroelectric generation; NC Schedule PP-H serves hydroelectric generation; SC Schedule PP serves either.	No restrictions.
Generator systems size	Residential up to 20 KW, not greater than load ; Nonresidential up to 1,000 KW, not greater than load.	NC: Residential up to 20 KW, not greater than load; Nonresidential up to 1,000 KW, not greater than load. SC: Residential up to 20 KW, not greater than load; Nonresidential up to 100 KW, not greater than load.	Must be qualifying facility (QF) as defined by PURPA.	Nonresidential not in excess of 80 MW.
Interconnection Standards	Yes.	Yes	Yes.	Yes.
Application fee	Yes.	Yes.	Yes (if complying with interconnection standard).	Yes (if complying with interconnection standard).
Rate schedule	Applicable standard or TOU residential or nonresidential rate.	Applicable standard or TOU residential or nonresidential rate.	All power from the generator is purchased on Schedules PP-N(NC), PP-H(NC), or PP(SC).	Schedule PG.
Other rate/rider charges	Supplemental Basic Facilities Charge for added metering costs. Standby Charge NC – generator > 100kW	Standby Charge NC – generator > 100kW SC -- None	All customers pay the Administrative Fee, but customers who meet the interconnection standard pay a facilities fee in lieu of an Extra Facilities Charge	None, but rate includes Basic Facilities Charge and Standby Charge.
Credits for power delivered to the grid	Credits for excess energy delivered to the grid using Schedule PP variable On-peak and Off-peak Energy Rates. (NC customers can choose Option A or Option B rates for credits)	Energy delivered to the grid is netted against monthly purchases for customers served on non-TOU rates and against on-peak and off-peak energy for customers served on TOU rates. Excess monthly production is carried forward to the next bill month. Credits are reset to zero on June 1. Credits cannot offset the Basic Facilities Charge or Demand Charge.	Schedule PP credits apply to the total output of the customer generator.	Schedule PG credits apply to the excess energy purchased by the company at the avoided cost rates under Schedule PP.

DUKE ENERGY CAROLINAS CUSTOMER GENERATOR RATE OPTIONS (Cont'd)

	RIDER SCG (NC Only)	Rider NM (NC & SC)	NC Schedules PP-N & PP-H; SC Schedule PP	Schedule PG (NC & SC)
Insurance	Required.	Required.	Required for those qualifying under the interconnection standard.	Required for those qualifying under the interconnection standard.
Type of metering required	<ul style="list-style-type: none"> • Bi-directional • Time-differentiated for excess energy (on-peak vs. off-peak) • Measures reactive power 	<ul style="list-style-type: none"> • Bi-directional • May require time-differentiated metering (on-peak vs. off-peak) • Measures reactive power • Demand meter 	<ul style="list-style-type: none"> • Time-differentiated (on-peak vs. off-peak) • Measures reactive power 	<ul style="list-style-type: none"> • Time-differentiated (on-peak vs. off-peak) • Measures reactive power • Demand meter
Extra Facilities (EF)	Not likely to be applicable unless customer cannot meet interconnection standards. EF is 1.7% times the cost of equipment required, per month, or up front contribution for equipment and 0.6 % per month.	Not likely to be applicable unless customer cannot meet interconnection standards. EF is 1.7% times the cost of equipment required, per month, or up front contribution for equipment and 0.6 % per month.	Yes unless the customer meets the interconnection standard and no other facilities required – such customers pay a facilities fee in lieu of Extra Facilities. EF covers metering equipment and protective devices. EF is 1.7% times the cost of the equipment required, per month.	Yes. Covers metering equipment and protective devices. EF is 1.7% times the cost of equipment required, per month with \$25 monthly minimum.
Interconnection charges	No, unless conditions warrant. If applicable, would be recovered through EF.	No, unless conditions warrant. If applicable, would be recovered through EF.	For generator sizes covered by Standard: No, unless conditions warrant. For generator sizes not covered by Standard: Yes, if applicable, would be recovered through EF.	For generator sizes covered by Standard: No, unless conditions warrant. For generator sizes not covered by Standard: Yes, if applicable, would be recovered through EF.
Battery Storage Allowed	Yes.	Yes.	Yes.	Yes.
Minimum Contract Term	One (1) year.	One (1) year.	Five (5) years.	Five (5) years.