DEP Exhibit 3

Proposed Standard Offer Power Purchase Agreement

Docket No. E-100, Sub 167

PURCHASE POWER AGREEMENT between **DUKE ENERGY PROGRESS, LLC** and **SELLER NAME** "Facility Name" Project **Initial Delivery Date:**

PURCHASE POWER AGREEMENT BY A QUALIFYING COGENERATOR OR SMALL POWER PRODUCER

	DUKE ENERGY	PROGRESS, LLC ("Compar	ny"),
		and	,
	a(n) [insert place of formation] [insert entity type] ("Seller"), for the
	"		," Project
Federapple of the identification.	er hereby certifies that the Facility, as eral Energy Regulatory Commission (menced on or after November 9, 1978 eral Energy Regulatory Commission alatory Policies Act of 1978 [and which icable)]. The Facility as defined herein the Facility including fuel type and Natify any Storage Resource connected fource's capacity (MW and MWh)] which	FERC), and that construction and that the Facility is a qualif ("FERC") pursuant to Section is a small power producer as (the "Facility") shall consist of the meplate Capacity rating in AC to or incorporated into the Facility.	of the Facility (was/was/ying facility as defined by 210 of the Public Udefined in G.S. 62-3(27a) that certain [insert description of the DC] [where applied acility along with the States.]
	reinafter, the parties are also referred to	_	_
_	ancideration of the mutual accoments		
	essors and assigns, do hereby agree to t	herein contained, the Parties the following:	hereto, for themselves,
		rely to Company all of the elexiliary electrical requirements, oject to the conditions contained impany, of its system upgrades a company's conductors, Seller she charges that may apply, whether requests standby, back-up and ments from Company, such power	ectric power generated be and Company shall pure of in this Agreement. Upond interconnection facilitiall become responsible for or not Seller actually deformaintenance power for shall be provided to Supersident.
succ	Service Requirements Seller shall sell and deliver exclusive Facility, net of the Facility's own aureceive, use and pay for the same, subcompletion of the installation, by Corthe point of delivery of Seller's and Copayment to Company of any and all cany electricity to Company. If Seller Facility's auxiliary electrical requirements pursuant to a separate electric service service. Electricity supplied by Seller shall be approximately sixty (60) cycles, and	rely to Company all of the electrical requirements, oject to the conditions contained appropriate that may apply, whether requests standby, back-up and the three from Company, such power agreement under Company's receive [single (1)/three (3)] phase,	ectric power generated by and Company shall pure of in this Agreement. Upond interconnection facilities all become responsible for or not Seller actually defor maintenance power for shall be provided to Supate tariffs appropriate for alternating at a frequent imately

Approved: Effective ______in Docket No. E-100, Sub 167 by Order dated ______

Page 1 of 3

1.4	The Contract Capacity	of the Facility, as defined in the Terms and Conditions for the Purchase of
	Electric Power is	AC kW/MW. The estimated annual energy production of the Facility is
	kWh.	

2. Rate Schedule

The sale, delivery, and use of electric power hereunder, and all services of whatever type to be rendered or performed in connection therewith, shall in all respects be subject to and in accordance with Company's Purchased Power Schedule PP-__[Variable Rate] [10-year Fixed Long-Term Rate] for [Distribution] [Transmission] Interconnection ("Rate Schedule") and the Terms and Conditions for the Purchase of Electric Power, both of which are now on file with the North Carolina Utilities Commission ("Commission"), and are hereby incorporated by reference and made a part hereof as though fully set forth herein. Said Rate Schedule and Terms and Conditions for the Purchase of Electric Power are subject to change, revision, alteration or substitution, either in whole or in part, upon order of said Commission or any other regulatory authority having jurisdiction, and any such change, revision, alteration or substitution shall immediately be made a part hereof as though fully written herein, and shall nullify any prior provision in conflict therewith.

The language above beginning with "Said Rate Schedule" shall not apply to the Fixed Long-Term Rates themselves, but it shall apply to all other provisions of the Rate Schedule and Terms and Conditions for the Purchase of Electric Power, including but not limited to Variable Rates, other types of charges (e.g., administrative charges), and all non-rate provisions.

3. <u>Initial Delivery Date</u>

The term of this Agreement shall be a minimum of 5 years when contracting for capacity payments
and shall begin upon the first date when energy is generated by the Facility and delivered to
Company and continuing for the term specified in the Rate Schedule paragraph above and shall
automatically extend thereafter unless terminated by either party by giving not less than thirty (30)
days prior written notice. Any automatic extension of this Agreement will be at the Variable Rates
in effect at the time of extension. The term shall begin no earlier than the date Company's
Interconnection Facilities are installed and are ready to accept electricity from Seller which is
requested to be, 20 Company at its sole discretion may terminate this
Agreement on, 20 (30 months following the date of the order initially
approving the rates selection shown above which may be extended beyond 30 months if construction
is nearly complete and the Seller demonstrates that it is making a good faith effort to complete its
project in a timely manner ¹) if Seller is unable to provide generation capacity and energy production
consistent with the energy production levels specified in Provision No. 1.4 above.

4. Interconnection Facilities

Unless otherwise required by Company, an Interconnection Agreement pursuant to the North Carolina Interconnection Procedures, Forms, And Agreements For State-Jurisdictional Generator Interconnections (Interconnection Standard) shall be executed by Seller, including payments of all charges and fees associated with the interconnection, before Company will accept this Agreement. (Either sentence (a) or (b) as follows is inserted into the agreement as appropriate) (a) The Interconnection Facilities Charge shall be specified in the Interconnection Agreement, or (b) The

Approved: Effective	in Docket No. E-100. Sub 167 by Order dated	Page 2 of 3

¹ Eligible Sellers establishing a Legally Enforceable Obligation on or before November 15, 2016, and seeking payment under rates approved in Docket No. E-100, Sub 140, shall continue to be eligible for such rates, even if they fail to commence delivering power to the utility on or before September 10, 2018, pursuant to Section 1.(c) of Session Law 2017-192, unless the Seller's nameplate capacity along with the combined nameplate capacity of generation facilities connected or with priority rights under the North Carolina Interconnection Procedures to be connected ahead of Seller to the same general distribution substation transformer exceeds the nameplate capacity of the transformer, as determined by Company. The term for these extended Agreements available to eligible E-100 Sub 140 Sellers shall commence on September 10, 2018 and expire no later than 15 years from that date.

91 92		Interconnection Facilities Charge shall equipment and is \$ per month.	ll be 1.0 % of the installed cost of metering an	d other	
93 94 95 96 97 98 99 100 101	5.	Resource"), the Storage Resource shall Resource must be charged solely by to operated and equipped in accordance with	the Facility is to be equipped with battery storage or other energy storage device (the "Storage source"), the Storage Resource shall be identified in this Agreement. In all cases the Storage source must be charged solely by the Facility and the use of any Storage Resource shall be erated and equipped in accordance with the system operator's Energy Storage Protocol, a copy of nich is attached hereto as Exhibit A, as may be modified from time to time by the system operator		
101 102 103 104 105 106 107 108	6. Reporting Requirements Upon request, facilities larger than 100 kW may be required to provide prior notice of an monthly, and day-ahead forecast of hourly production, as specified by the Company. If the S is required to notify the Company of planned or unplanned outages, notification should be made soon as known. Seller shall include the start time, the time for return to service, the amount unavailable capacity, and the reason for the outage.			e Seller made as	
109 110 111 112 113	attac rece abov	chments shall become an agreement for Sive and purchase from Seller the electricity	in the block provided below, this Agreement togeth Seller to deliver and sell to Company and for Com ity generated and delivered to Company by Seller f y at the rates, in the quantities, for the term, and u	pany to from the	
	Witn	ess as to Seller:		Seller	
	Print	ed:			
	Print	ed:	Printed:		
			Title		
			This day of, 20		
	ACC	EPTED: DUKE ENERGY PROGRESS, LLC	Mail Payment/Bill to:		
	Bv				
	_	day of, 20			

Approved: Effective _____ in Docket No. E-100, Sub 167 by Order dated _____ Page 3 of 3

Exhibit A Energy Storage Protocol

- 1. The Storage Resource must be on the DC side of the inverter and charged exclusively by the Facility.
- 2. The Storage Resource will be controlled by the Seller, within operational limitations described below.
- 3. The maximum output of the Facility, including any storage capability, at any given time shall be limited to the Facility's Contract Capacity as specified in the Agreement.
- 4. The discharge of stored energy is not permitted while the Facility has received or is subject to a curtailment instruction (i.e., system operator instruction) from the system operator if such discharge would cause the total output of the Facility to exceed the level permitted by the system operator instruction.
- 5. Ramp rates for Storage Resource shall not exceed 10 percent of the Storage Resource's capacity (MW) on a per minute basis, up or down, at any time that the facility is not generating, unless the system operator has waived this ramping limitation.
- 6. Scheduling for capturing peak pricing periods and other storage limitations:
 - a. For all (winter and summer) months/days with discrete capacity rate hour window periods ("Capacity Hour Window"), the Seller shall distribute any intended energy storage discharge of the storage device in a manner that levelizes (holds constant), on an expected basis, the total output of the Facility at the highest practical level over the duration of each specific Capacity Hour Window selected by the Seller for energy storage discharge of such calendar day, except as limited by ramp rate criteria, inverter capability, availability, state of charge and the Facility's Contract Capacity as specified in the Agreement. For clarity, total output of the Facility is not required to be held at the same level across both morning and evening Capacity Hour Windows during winter months. The Seller may, at its discretion, elect to discharge storage across either or both winter morning and evening Capacity Hour Windows, provided that the intended energy storage discharge for each Capacity Hour Window is distributed in a way that holds total Facility output constant across the respective Capacity Hour Window.
 - b. For any storage discharge occurring on weekends and holidays where only Off-Peak energy rates apply, the Seller shall be permitted to distribute discharge (if any) of the storage device across hours selected by Seller, except as limited by ramp rate criteria, inverter capability, availability, state of charge and the Facility's Contract Capacity as specified in the Agreement.
 - c. For the remaining (shoulder) months without Capacity Hour windows, the Seller shall be permitted to distribute discharge (if any) of the storage device across hours selected by Seller, except as limited by ramp rate criteria, inverter capability, availability, state of charge and the Facility's Contract Capacity as specified in the Agreement.

- 7. Company reserves the right to add or modify operating restrictions specified in these Energy Storage Protocols to the extent necessary to comply with NERC Standards as such standards may be modified from time to time during the Term. Any such modification shall be implemented by Company in a Commercially Reasonable Manner and shall be applied to the Facility and Company's own generating assets on a non-discriminatory basis. If Seller can make a commercially reasonable demonstration to Company, which is approved by Company in its reasonable discretion, that the Facility does not contribute to potential NERC compliance violations for which the modifications have been implemented, then such modifications shall not apply to the Facility.
- 8. If identification of Capacity Hours changes over the course of the term of the Agreement, Seller will make commercially reasonable efforts to work with Company to adjust the hours of charging/discharging to coincide with these updated hours. However, Seller shall not be obligated to do so in a way that compromises their original economic value contemplated for storage resource.
- 9. Seller will only be compensated for Energy and Capacity actually provided to Buyer in accordance with the terms of the Agreement.

Notes:

a) Other capitalized terms used in this Exhibit which have not been defined herein shall have the meaning ascribed to such terms in the Agreement to which this exhibit is attached.

PURCHASE POWER AGREEMENT between **DUKE ENERGY PROGRESS, LLC** and **SELLER NAME** "Facility Name" Project **Initial Delivery Date:**

PURCHASE POWER AGREEMENT BY A QUALIFYING COGENERATOR OR SMALL POWER PRODUCER

	DUKE ENERGY PROGRESS, LLC ("Company"),
	and,
	a(n) [insert place of formation] [insert entity type] ("Seller"), for the
	"," Project
by tl Regu oper defin type	Immenced on or after November 9, 1978 and that the Facility is or will be a qualifying facility as define Federal Energy Regulatory Commission ("FERC") pursuant to Section 210 of the Public Usulatory Policies Act of 1978 [and which is or will be a hydroelectric generating facility owned rated by a small power producer as defined in G.S. 62-3(27a) - (if applicable)]. The Facility ned herein (the "Facility") shall consist of that certain [insert description of the Facility including and Nameplate Capacity rating in AC and DC] [where applicable, identify any Storage Reservation of the Insert description of the Insert Reservation of the I
	nected to or incorporated into the Facility along with the Storage Resource's capacity (MW h)] which is located at [insert facility address]
MW	reinafter, the parties are also referred to individually as a "Party" and collectively as the "Parties"
<i>MW</i> (Her In c	(h)] which is located at [insert facility address].
<i>MW</i> (Her In c	which is located at [insert facility address]. reinafter, the parties are also referred to individually as a "Party" and collectively as the "Parties consideration of the mutual covenants herein contained, the Parties hereto, for themselves,
MW. (Her In c succ	reinafter, the parties are also referred to individually as a "Party" and collectively as the "Parties consideration of the mutual covenants herein contained, the Parties hereto, for themselves, cessors and assigns, do hereby agree to the following: Service Requirements Seller shall sell and deliver exclusively to Company all of the electric power generated be Facility, net of the Facility's own auxiliary electrical requirements, and Company shall pure receive, use and pay for the same, subject to the conditions contained in this Agreement. Upon completion of the installation, by Company, of its system upgrades and interconnection facility the point of delivery of Seller's and Company's conductors, Seller shall become responsible for payment to Company of any and all charges that may apply, whether or not Seller actually delany electricity to Company. If Seller requests standby, back-up and/or maintenance power for Facility's auxiliary electrical requirements from Company, such power shall be provided to Suppursuant to a separate electric service agreement under Company's rate tariffs appropriate for

1.4	The Contract Capacity	of the Facility, as defined in the Terms and Conditions for the Purchase of
	Electric Power is	AC kW/MW. The estimated annual energy production of the Facility is
	kWh.	

2. **Rate Schedule**

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The sale, delivery, and use of electric power hereunder, and all services of whatever type to be rendered or performed in connection therewith, shall in all respects be subject to and in accordance with Company's Purchased Power Schedule PP- [Variable Rate] [10-year Fixed Long-Term Rate] Option [A][B] for [Distribution] [Transmission] Interconnection] ("Rate Schedule") and the Terms and Conditions for the Purchase of Electric Power, both of which are now on file with the North Carolina Utilities Commission ("Commission"), and are hereby incorporated by reference and made a part hereof as though fully set forth herein. Said Rate Schedule and Terms and Conditions for the Purchase of Electric Power are subject to change, revision, alteration or substitution, either in whole or in part, upon order of said Commission or any other regulatory authority having jurisdiction, and any such change, revision, alteration or substitution shall immediately be made a part hereof as though fully written herein, and shall nullify any prior provision in conflict therewith.

The language above beginning with "Said Rate Schedule" shall not apply to the Fixed Long-Term Rates themselves, but it shall apply to all other provisions of the Rate Schedule and Terms and Conditions for the Purchase of Electric Power, including but not limited to Variable Rates, other types of charges (e.g., administrative charges), and all non-rate provisions.

3. Initial Delivery Date

The term of this Agreement shall be a minimum of 5 years when contracting for capacity payments and shall begin upon the first date when energy is generated by the Facility and delivered to Company and continuing for the term specified in the Rate Schedule paragraph above and shall automatically extend thereafter unless terminated by either party by giving not less than thirty (30) days prior written notice. Any automatic extension of this Agreement will be at the Variable Rates in effect at the time of extension. The term shall begin no earlier than the date Company's Interconnection Facilities are installed and are ready to accept electricity from Seller which is requested to be ______, 20__. Company at its sole discretion may terminate this approving the rates selection shown above which may be extended beyond 30 months if construction is nearly complete and the Seller demonstrates that it is making a good faith effort to complete its project in a timely manner¹) if Seller is unable to provide generation capacity and energy production consistent with the energy production levels specified in Provision No. 1.4 above.

4. **Interconnection Facilities**

Unless otherwise required by Company, an Interconnection Agreement pursuant to the North Carolina Interconnection Procedures, Forms, And Agreements For State-Jurisdictional Generator Interconnections (Interconnection Standard) shall be executed by Seller, including payments of all charges and fees associated with the interconnection, before Company will accept this Agreement. (Either sentence (a) or (b) as follows is inserted into the agreement as appropriate) (a) The

November 16, 2019 in Docket No. E-100, Sub 16758 by Order dated Approved: Effective October 17, 2019 Page 2 of 3

¹ Eligible Sellers establishing a Legally Enforceable Obligation on or before November 15, 2016, and seeking payment under rates approved in Docket No. E-100, Sub 140, shall continue to be eligible for such rates, even if they fail to commence delivering power to the utility on or before September 10, 2018, pursuant to Section 1.(c) of Session Law 2017-192, unless the Seller's nameplate capacity along with the combined nameplate capacity of generation facilities connected or with priority rights under the North Carolina Interconnection Procedures to be connected ahead of Seller to the same general distribution substation transformer exceeds the nameplate capacity of the transformer, as determined by Company. The term for these extended Agreements available to eligible E-100 Sub 140 Sellers shall commence on September 10, 2018 and expire no later than 15 years from that date.

92		Interconnection Facilities Charge shall	be specified in the Interconnection Agreement, or (b) The	
93			be 1.0 % of the installed cost of metering and other	
94 95		equipment and is \$ per month.		
96	5.	Energy Storage		
97			attery storage or other energy storage device (the "Storage	
98			be identified in this Agreement. In all cases the Storage	
99			ne Facility and the use of any Storage Resource shall be	
100		1 11	th the system operator's Energy Storage Protocol, a copy of	
101 102		(the "Energy Storage Protocol").	s may be modified from time to time by the system operator	
103		(the Energy Storage Protocor).		
104	6.	Reporting Requirements		
105		· · · · · · · · · · · · · · · · · · ·	,000 kW may be required to provide prior notice of annual	
106 107			rly production, as specified by the Company. If the Selle unned or unplanned outages, notification should be made as	
107			e start time, the time for return to service, the amount of	
109		unavailable capacity, and the reason for		
110				
111			n the block provided below, this Agreement together with	
112			Seller to deliver and sell to Company and for Company to	
113		receive and purchase from Seller the electricity generated and delivered to Company by Seller from the		
114 115		ns and conditions set forth herein.	y at the rates, in the quantities, for the term, and upon the	
110				
	witn	ness as to Seller:	, Seller	
	Print	red:		
			Ву	
	Print	red:	Printed:	
			Title	
			This, 20	
1	ACC	EPTED: DUKE ENERGY PROGRESS, LLC	Mail Payment/Bill to:	
l	Ву			
	This.	day of, 20		

Exhibit A Energy Storage Protocol

- 1. The Storage Resource must be on the DC side of the inverter and charged exclusively by the Facility.
- 2. The Storage Resource will be controlled by the Seller, within operational limitations described below.
- 3. The maximum output of the Facility, including any storage capability, at any given time shall be limited to the Facility's Contract Capacity as specified in the Agreement.
- 4. The discharge of stored energy is not permitted while the Facility has received or is subject to a curtailment instruction (i.e., System Operator Instructionsystem operator instruction) from the system operator if such discharge would cause the total output of the Facility to exceed the level permitted by the system operator instruction.
- 5.—Ramp rates for Storage Resource shall not exceed 10 percent of the Storage Resource's capacity (MW) on a per minute basis, whether up or down, at any time that the Facility is not generating, unless the system operator has waived this ramping limitation.
- 6.5. When the Facility is generating, the Storage Resource shall not act to increase the net ramp rate of the Facility by more than 5 percent of the Storage Resource's capacity (MW) per minute in relation to the output from the Facility alone, over a one-minute interval, up or down, unless the system operator has waived this ramping limitation.

7.6. Scheduling for capturing peak pricing periods and other storage limitations:

- For all (winter and summer) months/days with Premium Peak windowsdiscrete a. capacity rate hour window periods ("Capacity Hour Window"), the Seller shall distribute any intended energy storage discharge of the storage device in a manner that levelizes (holds constant), on an expected basis, the combined total output of solar and storagethe Facility at the highest practical level duringover the Premium Peak hours-duration of each specific Capacity Hour Window selected by the Seller for energy storage discharge of such calendar day, except as limited by ramp rate criteria and, inverter capability, availability, state of charge and the Facility's Contract Capacity as specified in the Agreement. For clarity, total output of the Facility is not required to be held at the same level across both morning and evening Capacity Hour Windows during winter months. The Seller may, at its discretion, elect to discharge storage across either or both winter morning and evening Capacity Hour Windows, provided that the intended energy storage discharge for each Capacity Hour Window is distributed in a way that holds total Facility output constant across the respective Capacity Hour Window.
- b.—For any storage discharge occurring on weekends and holidays where only Off-Peak energy rates apply, the Seller shall apply the same be permitted to distribute discharge logic that is applied to Weekdays/non-Holidays, for the respective month.
- c.b. If(if any) of the storage device is AC (MW) limited, discharge may begin prior to the Premium Peak window to allow the storage device to reach its Allowable Depth (as

defined below) of Dischargeacross hours selected by Seller, except as limited by ramp rate criteria, inverter capability, availability, state of charge and the Facility's Contract Capacity as specified in the Agreement.

- d. For the remaining (shoulder) months without Premium Peak Capacity Hour windows, the Seller shall be permitted to distribute any discharge (if any) of the storage device in a way that levelizes (holds constant) the combined outputacross hours selected by Seller, except as limited by ramp rate criteria, inverter capability, availability, state of solar charge and storage at the highest practical level during three consecutive hours beginning with the hour of sunset.
- e.c. If the storage device is AC (MW) limited, discharge may continue beyond the three-hour window until the storage device reaches its Allowable Depth of Discharge Facility's Contract Capacity as specified in the Agreement.
- 8.7. Company reserves the right to add or modify operating restrictions specified in these Energy Storage Protocols to the extent necessary to comply with NERC Standards as such standards may be modified from time to time during the Term. Any such modification shall be implemented by Company in a Commercially Reasonable Manner and shall be applied to the Facility and Company's own generating assets on a non-discriminatory basis. If Seller can make a commercially reasonable demonstration to Company, which is approved by Company in its reasonable discretion, that the Facility does not contribute to potential NERC compliance violations for which the modifications have been implemented, then such modifications shall not apply to the Facility.
- 8. If identification of Capacity Hours changes over the course of the term of the Agreement, Seller will make commercially reasonable efforts to work with Company to adjust the hours of charging/discharging to coincide with these updated hours. However, Seller shall not be obligated to do so in a way that compromises their original economic value contemplated for storage resource.
- 9. Seller will only be compensated for Energy and Capacity actually provided to Buyer in accordance with the terms of the Agreement.

Notes:

a) "Allowable Depth of Discharge" shall mean the MWh energy storage potential, considering the original equipment manufacturer's recommendations and any emergent operating limitations, at a given point in time.

b) _

a) Other capitalized terms used in this Exhibit which have not been defined herein shall have the meaning ascribed to such terms in the Agreement to which this exhibit is attached.