Apr 25 2022

o: 919.546.6776

Mailing Address:

Counsel

Kathleen H. Richard

NCRH 20 / P.O. Box 1551 Raleigh, NC 27602

kathleen.richard@duke-energy.com

April 25, 2022

## VIA ELECTRONIC FILING

Ms. A. Shonta Dunston, Chief Clerk North Carolina Utilities Commission 4325 Mail Service Center Raleigh, North Carolina 27699-4300

### Re: Duke Energy Carolinas, LLC and Duke Energy Progress, LLC's Informational Letter Regarding Implementation of Standardized AMI Meter Programming Docket No. E-100, Sub 161

Dear Ms. Dunston:

The purpose of this letter is to provide the North Carolina Utilities Commission (the "Commission") with an update regarding the upcoming implementation of Standardized AMI Meter Programming for Duke Energy Progress, LLC's ("DEP") and Duke Energy Carolinas, LLC's ("DEC" and together with DEP, the "Companies") North Carolina operations. While no action from the Commission is needed at this time as it relates to these meter programming activities, the Companies are filing this letter to make the Commission aware of the project and the benefits it provides to the Companies and their customers.

The Companies' new customer information system ("Customer Connect") enables the completion of customer rate changes without requiring a physical meter change at a customer premise. Eliminating the premise visit will result in timely completion of the rate change, reduce operational costs, and eliminate an outage at the customer premise. To take advantage of this new Customer Connect capability, the Companies will deploy a single standard meter program to all AMI meters in the service territory. Duke Energy has already implemented Standardized AMI Meter Programming in its Florida jurisdiction ("DEF"), and other utilities in the country have implemented similar meter programming as a best practice.

Standardized AMI Meter Programming will provide the following benefits:

• Rate Flexibility for Customers – A future benefit associated with the Customer Connect platform is the ability to perform rate reviews and offer rates that may provide an opportunity for customer to save money on their electric bill. Moving to a standard meter program allows most customers to change rates without the need for a meter



change. This will become even more beneficial as more complex time-of-use and critical peak pricing rates are introduced in the future.

- Customer Satisfaction If a customer does request a rate change, most will not have to wait for their meter to be changed or experience an outage associated with it.
- Customer Convenience For customers with meter access issues at their premise (locked gates, dogs, etc.), most will no longer need to be at home for the meter change.
- Reduced Customer Liability –Minimizes potential liability of the customer associated with a person on their property.
- Employee Safety Eliminates a Company meter technician having to program meters in the field. This reduces drive time and potential personal injury associated with the meter change.
- Cost Savings Eliminates most meter changes when a customer requests a rate change, and the operational costs associated.
- Human Performance Risk Eliminates the potential for a meter to be manually programmed incorrectly.

Standardized AMI meter programming will not impact customers' ability to access their billing details and energy usage information. Today, the Companies provide several meter data access and energy information tools for customers via their online account portal and call center support. Totalized energy usage and generation meter readings (where applicable) will continue to be displayed on the face of the meter for all customers. Additional details are included in Exhibit A attached.

The Companies have met with and provided this information to the Public Staff, and they have expressed their support of the project. Accordingly, the Companies intend to proceed with the project upon the filing of this informational letter to the Commission.

If you have any questions, please let me know.

Sincerely,

Kathleen H. Richard

Enclosure

cc: Parties of Record





April 22, 2022



### Proposal for a Standard AMI Meter Program

BUILDING A SMARTER ENERGY FUTURESM

#### Summary:

Duke Energy's new customer information system enables the completion of most customer rate changes without requiring a meter change. Eliminating the premise visit will result in timelier completion of the rate change, reduced costs, and an avoided customer outage. In order to take advantage of this new capability, Duke Energy will need to implement a standard meter program in all meters. This standard program simplifies the meter display for customers on interval billed rates. Duke Energy has implemented a standard meter program in its Florida jurisdiction (DEF), and other utilities have implemented a standard AMI meter program as a best practice.

#### Proposal:

- · AMI meters will have one standard meter program, and will require no programming, regardless of customer rate
- The standard meter program will display a reading for total usage, and a reading for total generation (See Appendix1-3 for current & proposed meter displays)
- Approximately 86% of meters in DEC and DEP will continue to be scalar billed, and the only impact will be an additional reading on the display for total generation. This will remain at zero unless a Net Metering rider is in place.

2

2



































DUKE ENERGY. 1	PLACIDO BAYOU COMM ASSOC 🗸 🛄					1
HOME BILLING V USAGE V ACCOUNT SET	ITTINGS V SERVICES V	HOME BILLING ~	ENERGY USAGE 🗸	ACCOUNTS 🗸	SERVICES 🗸	
Anto Payment Mintory Payment Mintory Payment Billing Payment B		Billing & Payment Activity	3	11027112	/44_1 ▼ Selected Accou ▼	]
Initially, Jami may choose to navigate to view historica additional billing information to help view billing trends make decisions on how to proceed before exploring sp	al invoices or export is and details to pecific usage details	BILLS PRIMENTS	NICKNAME	ACCOUNT	AMOUNT DUE DATE	4
<ol> <li>From the customer's account dashboard, they will navigate to the Billing option</li> </ol>	g and Payments menu	801 Mec 801 Mec		91003	\$27906.80 3/11/2022 Bill \$30713.40 2/7/2022 View Bill View	N.
2. Here, they will find their Billing & Payment Activity feature		801 Mec 801		91003	\$30261.09 1/7/2022 Bill \$33671.00 12/7/2021 View Bill	N
3. The Billing & Payment Activity feature enables the customer to view a h payments for the account(s) selected	history of their bills and	Mec 801 Mec 801		91003 91003	\$40422.95 11/8/2021 View Bill \$48174.40 10/8/2021 View Bill	I N
4. All customers will have the ability to view a PDF version of their actual i	invoice	Mec 801 801		91003	\$49252.22 9/7/2021 View Bill \$94820.77 8/9/2021 View Bill	
<ol> <li>Customers may choose to 'download' the information from the Billing H riews. This will result in an Excel spreadsheet replicating the details seen in</li> </ol>	listory or Payment History in this table view		Select Date Range Select a date range 24 months or less details for the selected account(s)	to download your usage	5.17 7/6/2021 View Bill 0.94 6/15/2021 View Bill	w N
6. Business customers who need additional billing details may choose to a	download additional details	Download View     Export Additional D	etails DateX	Ind Date//	1-10 of 24	1

19













e Customer Online Experience			Custom Simplify. Stree
	Web Portals Administration Tool		E MENU -
User: NAM/T28364	Ashley Newman Email: Ashley Newman@duke-energy.com	Logon: 02/25/2021 10:23:55 PM	Role: ADMIN_SUPER_USER
	Profile Searc	h	
Internal Id			
Jami.Jenkin	@gmail.com		
	Call Center Specialists have access to a Web Tool that enable them to impersonate the cus experience. This provides the Call Center Sp online view as the customer, allowing them to navigate the online experience.	Portal Administration stomer's online secialist with the same o help the customer	
	1. Search for a customer's email address to access the	e customer's online experience	
	Impersonating a customer's online experience is not co-	browsing, and a Call Center	J

Apr 25 2022

# **CERTIFICATE OF SERVICE**

I certify that a copy of Duke Energy Carolinas, LLC's and Duke Energy Progress, LLC's Informational Letter Regarding Implementation of Standardized AMI Meter Programming, in Docket No. E-100, Sub 161, has been served by electronic mail, hand delivery or by depositing a copy in the United States mail, postage prepaid to parties of record:

This the 25<sup>th</sup> day of April 2022.

1/R

Kathleen H. Richard Counsel Duke Energy Corporation P. O. Box 1551 / NCRH 20 Raleigh, North Carolina 27602 Tel: 919.546.6776 kathleen.richard@duke-energy.com