Dianne M. Triplett
DEPUTY GENERAL COUNSEL

May 24, 2024

VIA OVERNIGHT MAIL

Mr. Adam J. Teitzman, Commission Clerk
Office of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: Docket 20240025-EI, Petition for Rate Increase by Duke Energy Florida, LLC

Dear Mr. Teitzman,

Please find enclosed for electronic filing on behalf of Duke Energy Florida, LLC ("DEF'), DEF's Request for Confidential Classification for certain information provided in its Responses to OPC's Third Set of Interrogatories (Nos. 63-70) and Third Request for Production of Documents (Nos. 29-32). The filing includes the following:

- DEF's Request for Confidential Classification
- Slip-sheet for confidential Exhibit A
- Redacted Exhibit B (two copies)
- Exhibit C (justification matrix), and
- Exhibit D (affidavits of Brian Lloyd, Reginald Anderson, Hans Jacob, Vanessa Goff & Ed Scott)

DEF's confidential Exhibit A that accompanies the above-referenced was submitted with DEF's Notice of Intent to Request Confidential Classification on May 3, 2024, under separate cover.

Thank you for your assistance in this matter. Please feel free to call me at (727) 820-4692 should you have any questions concerning this filing.

Respectfully,

/s/ Dianne M. Triplett

Dianne M. Triplett

DMT/mw
Attachments

299 First Avenue North (33701) ▪ St. Petersburg, Florida
Phone: 727.820.4692 ▪ Email: dianne.triplett@duke-energy.com

CERTIFICATE OF SERVICE
Docket No. 20240025-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by electronic mail this 24th day of May, 2024, to the following:

/s/ Dianne M. Triplett
Dianne M. Triplett

Jennifer Crawford / Major Thompson / Shaw Stiller Office of General Counsel Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 JCrawfor@psc.state.fl.us MThompso@psc.state.fl.us SStiller@psc.state.fl.us discovery-gcl@psc.state.fl.us	Walt Trierweiler / Charles J. Rehwinkel / Mary Wessling / Austin Watrous Office of Public Counsel 111 W. Madison St., Rm 812 Tallahassee, FL 32399 rehwinkel.charles@leg.state.fl.us trierweiler.walt@leg.state.fl.us watrous.austin@leg.state.fl.us wessling.mary@leg.state.fl.us
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Tony Mendoza / Patrick Woolsey Sierra Club 2101 Webster Street Suite 1300 Oakland, CA 94612 tony.mendoza@sierraclub.org patrick.woolsey@sierraclub.org	Robert Scheffel Wright / John T. LaVia, III Gardner, Bist, Bowden, Dee, LaVia, Wright, Perry & Harper, P.A. Florida Retail Federation 1300 Thomaswood Drive Tallahassee, Florida 32308 schef@gbwlegal.com jlavia@gbwlegal.com
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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition by Duke Energy Florida, LLC for rate increase	DOCKET NO. 20240025-EI Dated: May 24, 2024

DUKE ENERGY FLORIDA, LLC'S
REQUEST FOR CONFIDENTIAL CLASSIFICATION

Duke Energy Florida, LLC ("DEF" or "Company"), pursuant to Section 366.093, Florida Statutes (F.S.), and Rule 25-22.006, Florida Administrative Code (F.A.C.), submits this Request for Confidential Classification ("Request") for certain information contained in its Response to OPC's Third Request for Production of Documents (Nos. 29-32) and Third Set of Interrogatories (Nos. 63-70). DEF's Notice of Intent to Request Confidential Classification was filed May 3, 2024. This Request is timely. *See* Rule 25-22.006(3)(a)1, E.A.C. In support of this Request, DEF states:

1. Documents responsive to OPC's Third Request for Production of Documents, specifically, Questions 29 and 31, and OPC's Third Set of Interrogatories, specifically, Questions 65 and 68, contain "confidential proprietary business information" under Section 366.093(3), F.S.

2. The following exhibits are included with this request:

(a) Sealed Composite Exhibit A is a package containing unredacted copies of all documents for which DEF seeks confidential treatment. Composite Exhibit A was submitted separately in a sealed envelope labeled "CONFIDENTIAL" on May 3, 2024. In the unredacted versions, the information asserted to be confidential is highlighted in yellow.

(b) Composite Exhibit B is a package containing two copies of redacted versions of the documents for which DEF requests confidential classification. The specific information for

which confidential treatment is requested has been blocked out by opaque marker or other means.

(c) Exhibit C is a table which identifies by page and line the information for which DEF seeks confidential classification and the specific statutory bases for seeking confidential treatment.

(d) Exhibit D includes affidavits of Edward L. Scott, Brian M. Lloyd, Hans Jacob, Reginald D. Anderson, and Vanessa Goff, attesting to the confidential nature of the information identified in Exhibit C.

3. As indicated in Exhibits C and D, the information for which DEF requires confidential classification is "proprietary confidential business information" within the meaning of § 366.093(3), F.S. Specifically:

(a) The information at issue in DEF's responses to OPC's Third Request for Production of Documents, Questions 29 and 31, and OPC's Third Set of Interrogatories, Questions 65 and 68, include pricing information relating to contracts for goods and services. Disclosure of this non-public information could alter contractors' behavior to the detriment of DEF, its customers, and its affiliates. Thus, absent confidential classification, DEF and its affiliates' efforts to contract for goods and services on favorable terms may be impaired.

(b) The information at issue in DEF's responses to OPC's Third Request for Production of Documents, Question 29, and OPC's Third Set of Interrogatories, Question 65, includes internal sensitive business information regarding future projects and capital investments. That information relates to DEF's competitive business interests, and, absent confidential classification, disclosure of that information would impair DEF's ability to compete in the marketplace.

(c) The information at issue in DEF's response to OPC's Third Set of

Interrogatories, Question 68, includes details about the location and nature of future transmission planning projects. Disclosure of that information could pose significant security risks to DEF, its customers, and the transmission grid.

4. The information identified in Exhibits A and C is intended to be and is treated as confidential by DEF. *See* Exhibit D. Further, that information has not been disclosed to the public. *See* Exhibit D.

5. It follows that the information identified in Exhibit A and C is proprietary confidential information, which would cause harm to DEF and ratepayers if disclosed and which is exempt from disclosure under the Public Records Act pursuant to § 366.093(3), F.S.

6. Accordingly, DEF requests that the information identified in Exhibit A be classified as "proprietary confidential business information" within the meaning of section 366.093(3), F.S., that the information remain confidential for a period of at least 18 months as provided in section 366.093(4) F.S., and that the information be returned as soon as it is no longer necessary for the Commission to conduct its business.

WHEREFORE, for the foregoing reasons, DEF respectfully requests that this Request be granted.

RESPECTFULLY SUBMITTED this 24th day of May, 2024.

/s/Dianne M. Triplett

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Attorneys for Duke Energy Florida, LLC

CERTIFICATE OF SERVICE
Docket No. 20240025-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 24th day of May, 2024.

/s/ Dianne M. Triplett
Attorney

Jennifer Crawford / Major Thompson / Shaw Stiller Office of General Counsel Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 JCrawfor@psc.state.fl.us MThompso@psc.state.fl.us SStiller@psc.state.fl.us	Walt Trierweiler / Charles J. Rehwinkel / Mary Wessling / Austin Watrous Office of Public Counsel 111 W. Madison St., Rm 812 Tallahassee, FL 32399 rehwinkel.charles@leg.state.fl.us trierweiler.walt@leg.state.fl.us watrous.austin@leg.state.fl.us wessling.mary@leg.state.fl.us
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Exhibit A

“CONFIDENTIAL”

(filed under separate cover on May 3, 2024)

Exhibit B

REDACTED

(copy-one)

REDACTED
DOCUMENTS BEARING BATES NUMBERS 20240025-OPCROG3-00016599 THROUGH 20240025-OPCROG3-00016607
ARE REDACTED IN THEIR ENTIRETY

REDACTED
DOCUMENTS BEARING BATES NUMBERS 20240025-OPCROG3-00016684 THROUGH 20240025-OPCROG3-00016695 ARE REDACTED IN THEIR ENTIRETY

REDACTED
DOCUMENTS BEARING BATES NUMBERS 20240025-OPCROG3-00016741 THROUGH 20240025-OPCROG3-00016752 ARE REDACTED IN THEIR ENTIRETY

REDACTED
DOCUMENTS BEARING BATES NUMBERS 20240025-OPCROG3-00016757 through 20240025-OPCROG3-00016789 ARE REDACTED IN THEIR ENTIRETY

REDACTED
DOCUMENTS BEARING BATES NUMBERS 20240025-OPCROG3-00016852 through 20240025-OPCROG3-00017030 ARE REDACTED IN THEIR ENTIRETY

REDACTED
DOCUMENTS BEARING BATES NUMBERS 20240025-OPCROG3-00017033 and 20240025-OPCROG3-00017034 ARE REDACTED IN THEIR ENTIRETY

REDACTED
DOCUMENTS BEARING BATES NUMBERS 20240025-OPCROG3-00017112 through 00020240025-OPCROG3-00017122 ARE REDACTED IN THEIR ENTIRETY

REDACTED
DOCUMENTS BEARING BATES NUMBER
20240025-OPCROG3-00017791
IS REDACTED IN ITS ENTIRETY

REDACTED

Estimate Review Summary Form

Project Name: CLEARWATER
Stategic Category: Substation Optimization
Project Zone: FL S Coastal Zone

Effort Description:

Effort Description: Clearwater Class 3 Estimate

Additional Notes:

• Cost Estimate is based on Actuals to Date (Sept 2022 thru March 2023) + ETC which ties to the April Forecast submission.
• Contingency is based on ETC data only.

Estimate Requested by: Miriam Tucker
Estimate Prepared by: Marcellus Goree Jr
Estimate #: 2023-00001-DEFSO-CLWR
Approving Org: Customer Delivery
Project Ranking: White

Estimate Preparation Date: 23-Apr-23

Estimate Gate	Estimate Range
Build	Class 3 (-10% to 20%)

Estimate Uncertainty	Estimate Risk	Escalation & Contingency TOTAL
5%	5%	10%

Estimate Summary: CLEARWATER

Sum of Breakdown	Column Labels						Most Likely $	Min $'s	Max $'s
Row Labels	CapEx	Removal	O&M	Grand Total	Units	UOM	With Contingency	-10%	20%
Feeder Hardening	[redacted]					ile	$10,964,352	$9,867,916	$11,841,499
Lateral Hardening OH						ile	$8,622,556	$7,760,300	$9,312,360
Lateral Hardening UG						HMR	$443,606	$399,245	$479,094
SOG: C&C						econductor Miles	$8,453,868	$7,608,481	$9,130,177
SOG: SEGA						OS, PAD, Reclosers	$7,932,900	$7,139,610	$8,567,532
Planned Pole Replace						ole	$1,887,549	$1,698,794	$2,038,553
Switchgear						ach	$767,556	$690,800	$828,960
Underground Cable Replacement						eet	$120,446	$108,401	$130,081
Transformer						ransformer	$0	$0	$0
Fuse Replacement						ach	$2,966,561	$2,669,905	$3,203,886
Riser/Term Pole Retrofit						ach	$3,712,841	$3,341,557	$4,009,868
Maintain CAP					-		$26,000	$23,400	$28,080
Proj OM Maintain					-		$40,000	$36,000	$43,200
POWER UP O&M Alloc.					-		$0	$0	$0
Estimate Contingency					-		$4,316,057	$3,884,451	$4,661,341
Grand Total	**$43,485,373**	**$5,785,539**	**$983,378**	**$50,254,290**			**$50,254,290**	**$45,228,860**	**$54,274,631**

Please refer to tab "EAC Cashflow Details" for additional details on cashflow.

Funding Summary

Substation	PFA Approved Amount	Current Forecast EAC	Variance to PFA $
Gateway	$ 2,823,717	$ 50,254,290	$ 47,430,573

Supplemental PFA amount:	$ 47,430,573

REDACTED

[redacted]

Project #:	OC-L-27
Need Date:	12/31/24
Distribution Multiplier:	1.194

[redacted] 1.0859

Distribution estimates	Units	[redacted]	Budget
Install new 795 feeder	-		$ -
Install new 336 feeder			$ -
Double circuit 795			$ -
Add second 795 circuit to existing feeder			$ -
Underbuild feeder on existing transmission			$ -
Reconductor 336 with 795 feeder			$ -
Install new 3 phase 1/0			$ -
Relocate existing 795 feeder			$ -
Relocate existing 336 feeder			$ -
Relocate 3 phase 1/0			$ -
Remove 3 phase line			$ -
Install Viper recloser			$ -
Install hydraulic recloser			$ -
Install set of regulators			$ -
Install 1200 kvar capacitor	-		$ -
Install 600 amp switch	-		$ -
Install 1000kcmil ug feeder - directional bore	2,000		$ 203,063
Install 1000kcmil ug feeder - open trench			$ -
Install terminal pole with switches	-		$ -
Install 1/0 1PH ug - directional bore			$ -
Install PME switchgear	2		$ 47,780
Install Trayer switchgear			$ -
Install Vista switchgear			$ -
Install Four Way Enclosure			$ -
Subaqueous 1000 kcmil cable			$ -
Surveying ($3,119/mile)			$ -
Tree Trimming ($9,154/mile)			$ -
MOT ($14,213/mile)			$ -
Project total (distribution)			**$ 250,843**

Substation estimates	Units	[redacted]	Budget
New sub - 1-30 with 2 feeders	1		$ 5,950,000
Add 1-20 mva (assumed redeployed unit)			$ -
Add 1-30 mva	-		$ -
Add 1-50 mva			$ -
Add single breaker	-		$ -
Add feeder position to breaker and a half			$ -
Add metalclad breaker (3 breakers)			$ -
Transmission costs (per mile, not including land rights)	2.0		$ 3,840,000
Add neutral reactors	1		$ 61,200
RUDI- (per breaker)			$ -
New RUDI Upgrade			$ -
Substation property and trans R/W	1		$ 500,000
Project total (substation)			**$ 10,351,200**
Project total			**$ 10,602,043**

Finance View	CAPEX	Capital Pool	Indirects	Contingency	Cap Pool,Indirects&Contingency	Direct Cost	EAC without contingency
Old	New w/ Burdens						
[redacted]							may be funded by Trans

Required activities associated with project.	Number of Locations	Cost Per Location	Cost
Load balancing - # of taps to be moved		[redacted]	$ -
Capacitors to be added (note if RUDI or Non-RUDI Fdr)			$ -
Capacitors to be relocated (note if RUDI or Non-RUDI Fdr)			$ -
Coordination (change in fuse size or added devices)			$ -
Segementation (# of customers between switches) - # of new switches needed			$ -
Mid Pt reclosers to be relocated			$ -
Protective Coordination Review-Relay			$ -
Neutral Reactors required? (Max fault current >10kA, or 1 ph>7kA?)			$ -
Convert Non-RUDI realys			$ -

REDACTED

Estimate Review Summary Form

Project Name: Cross Bayou
Stategic Category: Substation Optimization
Project Zone: FL S Coastal Zone

Effort Description:

Effort Description: Cross Bayou Substation class 3 estimate.

Additional Notes:

- Cost Estimate is based on actuals (June 2021 thru April 2023)
- Contingency is based on ETC data only.

Estimate Requested by: Melanie DaSilva
Estimate Prepared by: Jade Lao
Estimate #: 2023-00001-DEFSO-XBYU
Approving Org: Customer Delivery
Project Ranking: White
Estimate Preparation Date: 15-Jun-23

Estimate Gate	Estimate Range
Build	Class 3 (-10% to 20%)

Estimate Uncertainty	Estimate Risk	Escalation & Contingency TOTAL
5%	5%	10%

Estimate Summary: Cross Bayou

Sum of Breakdown	Column Labels						Most Likely $	Min $'s	Max $'s
Row Labels	CapEx	Removal	O&M	Grand Total	Units	UOM	With Contingency	-10%	20%
Feeder Hardening	[redacted]					Miles	[redacted]		
Lateral Hardening OH						Miles			
Lateral Hardening UG						Miles (OHMR)			
SOG: C&C						econductor Feet			
SOG: SEGA						MOS, PAD, Reclosers			
LHO Fuse Replacement						ach			
Fuse Replacement						ach			
ATS Replace						ach			
Planned Pole Replace						oles			
Switchgear						witchgear			
Underground Cable Replacem						eet			
Transformer						ransformer			
Live Front Transfs Replace						ransformer			
End of Life Trans 3PH						ransformer			
Maintain CAP						/A			
Proj OM Maintain						/A			
Estimate Contingency						-			
Grand Total									

Funding Summary

Substation	PFA Approved Amount	Current Forecast EAC	Variance to PFA $
XBYU	[redacted]	[redacted]	[redacted]

REDACTED

Actual Dollars incurred are captured thru March 2023

Measure	Dollar
CapEx, O&M or Removal	(All)

	21	21	21	21	21	22	22	22	22	22	22	22	22	22	22	22	23
Process ID	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	Aug 22	Sep 22	Oct 22	Nov 22	Dec 22	Jan 23
5YEARE	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	[redacted]	
DPRJOMM	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
GENSWGR	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
POLRPL	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
RUCSM	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
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ELT3PH	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
ATS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		
Grand Total	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**		

Measure	Unit

Process ID	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jul 22	Aug 22	Sep 22	Oct 22	Nov 22	Dec 22	Jan 23
GENSWGR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POLRPL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RUCSM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPPCRCN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPPFDHD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPPLTOH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPPSGAU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPPLHFR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Feb 23	Mar 23	Apr 23	May 23	Jun 23	Jul 23	Aug 23	Sep 23	Oct 23	Nov 23	Dec 23	Jan 24	Feb 24	Mar 24	Apr 24	May 24	Jun 24	Jul 24	
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-	-		-	-	-	-	

Project: Sparr Sub
Project #: OC-C-16
Need Date: 12/31/21

Distribution estimates

Install new 795 feeder
Install new 336 feeder
Double circuit 795
Add second 795 circuit to existing feeder
Underbuild feeder on existing transmission
Reconductor 336 with 795 feeder
Install new 3 phase 1/0
Relocate existing 795 feeder
Relocate existing 336 feeder
Relocate 3 phase 1/0
Remove 3 phase line
Install Viper recloser
Install hydraulic recloser
Install set of regulators
Install 1200 kvar capacitor
Install 600 amp switch
Recoordination

Install 1000kcmil ug feeder - directional bore
Install 1000kcmil ug feeder - open trench
Install terminal pole with switches
Install 1/0 1PH ug - directional bore
Install PME switchgear
Install Trayer switchgear
Install Vista switchgear
Install Four Way Enclosure
Subaqueous 1000 kcmil cable

Surveying ($3,119/mile)
Tree Trimming ($9,154/mile)
MOT ($14,213/mile)

Project total (distribution)

[redacted]

Substation estimates

New sub - 1-30 with 2 feeders
Add 1-20 mva (assumed redeployed unit)
Add 1-30 mva
Add 1-50 mva
Add single breaker
Add feeder position to breaker and a half
Add metalclad breaker (3 breakers)
Transmission costs (per mile, not including land rights)
Add neutral reactors
RUDI- (per breaker)
New RUDI Upgrade

Project total (substation) **$18,325,000**

Project total **$18,982,000**

REDACTED

Required activities associated with project.	# of locations	[redacted]	ost
Load balancing - # of taps to be moved			
Capacitors to be added (note if RUDI or Non-RUDI Fdr)			
Capacitors to be relocated (note if RUDI or Non-RUDI Fdr)			
Coordination (change in fuse size or added devices)			
Segementation (# of customers between switches) - # of new switches needed			
Mid Pt reclosers to be relocated			
Protective Coordination Review-Relay			
Neutral Reactors required? (Max fault current >10kA, or 1 ph>7kA?)			
Convert Non-RUDI realys			

Exhibit B

REDACTED

(copy-two)

REDACTED

Class V Estimating Tool

Funding Project Name:	Baldwin Comm Pk
Funding Project Number:	OC-L-22
Circuit ID(s):	
Detail Project:	
Detail Project In Service Date:	2027
Operating Unit:	
Process Level 5	
Process Level 6	

Detail Project Description:

Install new sub and feeders to feed comm pk expansion

Reset Qty. to Default

Main Components	Sub Components	UoM	Qty. # of Units Installed	Qty. # of Units Remove	Unit Costs per UoM Materials	Install Labor	Install Labor + 10% Supply Chain Escalation	Loaders	Engineering/Design Project Pool	Removals	Manhour per UoM Install per UoM	Remove per UoM	MOT	Tree Trimming	Materials
OH Conductors - New Install															
NEW Single Circuit, 1PH 1/0 AAC PRI & NEU	(1) 1/0, Single Conductor, Primary	Circuit Feet													-
	(1) 1/0, Single Conductor, Neutral	Circuit Feet	-												-
	1PH In-Line 45' Wood Pole @every 200ft. CF	Pole	-												-
NEW Single Circuit, 2PH 1/0 AAC PRI & NEU	(2) 1/0, Single Conductor, Primary	Circuit Feet													-
	(1) 1/0, Single Conductor, Neutral	Circuit Feet	-												-
	2PH In-Line 45' Wood Pole @every 200ft. CF	Pole	-												-
NEW Single Circuit, 3PH 1/0 AAC PRI & NEU	(3) 1/0, Single Conductor, Primary	Circuit Feet													-
	(1) 1/0, Single Conductor, Neutral	Circuit Feet	-												-
	3PH In-Line 45' Wood Pole @every 200ft. CF	Pole	-												-
NEW Single Circuit, 3PH 795 AAC PRI & 336 NEU	(3) 795, Single Conductor, Primary	Circuit Feet													-
	(1) 336, Single Conductor, Neutral	Circuit Feet	-												-
	3PH In-Line 45' Wood Pole @every 200ft. CF	Pole	-												-
NEW Double Circuit, 3PH 795 AAC PRI & 336 NEU	(6) 795, Single Conductor, Primary	Circuit Feet													-
	(1) 336, Single Conductor, Neutral	Circuit Feet	-												-
	3PH In-Line 50' Wood Pole @every 175ft. CF	Pole	-												-
Underbuild, Single Circuit, 3PH 795 AAC PRI & 336 NEU	795, Single Conductor, Primary	Circuit Feet													-
	336, Single Conductor, Neutral	Circuit Feet	-												-
	3PH In-Line 45' Wood Pole @every 400ft. CF	Pole	-												-
OH Conductors - Reconduct															
ADD Single Circuit, 1PH 1/0 AAC PRI & NEU	(1) 1/0, Single Conductor, Primary	Circuit Feet													-
	(1) 1/0, Single Conductor, Neutral	Circuit Feet	-	-											-
	1PH In-Line 45' Wood Pole @every 200ft. CF	Pole	-	-											-
ADD Single Circuit, 2PH 1/0 AAC PRI & NEU	(2) 1/0, Single Conductor, Primary	Circuit Feet													-
	(1) 1/0, Single Conductor, Neutral	Circuit Feet	-	-											-
	1PH In-Line 45' Wood Pole @every 200ft. CF	Pole	-	-											-
ADD Single Circuit, 3PH 1/0 AAC PRI & NEU	(3) 1/0, Single Conductor, Primary	Circuit Feet													-
	(1) 1/0, Single Conductor, Neutral	Circuit Feet	-	-											-
	1PH In-Line 45' Wood Pole @every 200ft. CF	Pole	-	-											-
ADD Single Circuit, 3PH 795 AAC PRI & 336 NEU	(3) 795, Single Conductor, Primary	Circuit Feet													-
	(1) 336, Single Conductor, Neutral	Circuit Feet	-	-											-
	1PH In-Line 45' Wood Pole @every 200ft. CF	Pole	-	-											-
Underbuild, Single Circuit, 3PH 795 AAC PRI & 336 NEU	795, Single Conductor, Primary	Circuit Feet													-
	336, Single Conductor, Neutral	Circuit Feet	-	-											-
	3PH In-Line 45' Wood Pole @every 400ft. CF	Pole	-	-											-
OH Conductors - SPP Feeder Hardening															
Single Circuit, 3PH 795 AAC PRI & 336 NEU	(3) 795, Single Conductor, Primary	Circuit Feet	20,000												136,576
	(1) 336, Single Conductor, Neutral	Circuit Feet	20,000	-											18,635
	3PH In-Line 50' C2 Wood Pole @every 100ft. CF	Pole	200	-											273,795
NEW Double Circuit, 3PH 795 AAC PRI & 336 NEU	(6) 795, Single Conductor, Primary	Circuit Feet													-
	(1) 336, Single Conductor, Neutral	Circuit Feet	-	-											-
	3PH In-Line 50' C2 Wood Pole @every 87.5ft. CF	Pole	-	-											-
Underbuild, Single Circuit, 3PH 795 AAC PRI & 336 NEU	795, Single Conductor, Primary	Circuit Feet													-
	336, Single Conductor, Neutral	Circuit Feet	-	-											-
	3PH In-Line 50' C2 Wood Pole @every 200ft. CF	Pole	-	-											-
UG Conductors															
UG Small Cable & Conduit in Trench	Primary 1/0, 1PH	Circuit Feet													-
	Primary 1/0, 3PH	Circuit Feet													-
	Small Pull Box (w/cover) @every 1,000ft.	EA	-	-											-

REDACTED

UG Small Cable & Conduit via Directional Bore	Primary 1/0, 1PH	Circuit Feet			[redacted]	$ -
	Primary 1/0, 3PH	Circuit Feet				$ -
	Small Pull Box (w/cover) @every 1,000ft.	EA	-	-		$ -
UG Large Cable & Conduit via Directional Bore	Primary 1000 AL in 6" PVC Stick Conduit, 1PH	Circuit Feet				$ -
	Primary 1000 AL in 6" PVC Stick Conduit, 3PH	Circuit Feet	2,000			$ 48,831
	Large Pull Box (w/cover) @every 1,000ft.	EA	2	-		$ 6,014
UG Large Cable ONLY via Directional Bore	Primary 1000, AL Conductor, 1PH	Circuit Feet				$ -
	Primary 1000, AL Conductor, 3PH	Circuit Feet				$ -
	Large Pull Box (w/cover) @every 1,000ft.	EA	-	-		$ -
	NEW 750, 3-2 Conductor, CU Flat Strap	Circuit Feet				$ -
Equipment along the Circuit above (MOT and Tree Trimming are included in the Conductor sections above)						
Pole for Equipment ONLY	1PH In-Line 45' Wood Pole 45' (w/Rods, Post/Pin Insulator, Arres	Pole				$ -
	2PH In-Line 45' Wood Pole 45' (w/Rods, Post/Pin Insulator, Arres	Pole				$ -
	3PH In-Line 45' Wood Pole 45' (w/Rods, Post/Pin Insulator, Arres	Pole				$ -
	Concrete Pole 45' Type 3 (w/Rods, Cross Arm, Post/Pin Insulator,	Pole				$ -
Switchgear (includes cord, ground rod)	PME-9/PME-10/PME-11 15KV	EA				$ -
	PME-10 Solid Dielectric for Coastal/Submersible	EA				$ -
Capacitor - Pole Mount	3PH Capacitor Bank, 1200KVAR, SWITCHED	EA	-			$ -
	Capacitor Bank Control, CBC-8000	EA				$ -
Capacitor - Pad Mount	3PH Pad Mount, 1200KVAR	EA				$ -
Regulator	1PH 328A (w/1PH Bypass Switch)	EA				$ -
	1PH 428A (w/1PH Bypass Switch)	EA	-			$ -
	3PH 328A (Platform Bank w/3PH Bypass Switch)	EA				$ -
	3PH 428A (Platform Bank w/3PH Bypass Switch)	EA	-			$ -
	Regulator Controller Upgrade (3 units)	EA				$ -
Cutout/Fuse	1PH Non-Loadbreak/Asymmetrical, 100A (auto-populate)	EA	-	-		$ -
	1PH Non-Loadbreak/Asymmetrical, 100A (adders)	EA				$ -
	Tamer Cutout, 100A, 12KAIC, 25KV, 125KV BIL	EA				$ -
Disconnect Switch	1PH 600A 15kVA Disconnect Switch (auto-populate)	EA	-	-		$ -
	1PH 600A 15kVA Disconnect Switch (adders)	EA				$ -
	1PH 600A 15kVA Vertical Switch w/Triple-Blade Bypass	EA				$ -
Recloser - Hydraulic	1PH Hydr Recloser, Oil Circuit, 34.5KV,100A	EA				$ -
Recloser - Electronic	3PH GW Viper-ST 800A Electronic Controlled 15-27kV	EA	-			$ -
	Recloser Control Change Outs	EA				$ -
TripSaver		EA				$ -
Transformer - Pole Mount	1PH Transformer, Pole Mount, 25-50kVA (auto-populate)	EA		-		$ -
	1PH Transformer, Pole Mount, 25-50kVA (adders)	EA				$ -
	1PH Transformer, Pole Mount, 100kVA-167kVA	EA				$ -
Transformer - Pad Mount	1PH Padmount Transformer (End of Life/AMB)	EA				$ -
	3PH Padmount Transformer (End of Life/AMB)	EA				$ -
Arrestors	Arrestors Retrofit	EA				$ -
Equipment Installed/Removed Independently of Conductoing						
Pole for Equipment ONLY	1PH In-Line 45' Wood Pole 45' (w/Rods, Post/Pin Insulator, Arres	Pole				$ -
	2PH In-Line 45' Wood Pole 45' (w/Rods, Post/Pin Insulator, Arres	Pole				$ -
	3PH In-Line 45' Wood Pole 45' (w/Rods, Post/Pin Insulator, Arres	Pole				$ -
	Concrete Pole 45' Type 3 (w/Rods, Cross Arm, Post/Pin Insulator,	Pole				$ -
Switchgear (includes cord, ground rod)	PME-9/PME-10/PME-11 15KV	EA				$ -
	PME-10 Solid Dielectric for Coastal/Submersible	EA				$ -
Capacitor - Pole Mount	3PH Capacitor Bank, 1200KVAR, SWITCHED	EA	2			$ 19,098
	Capacitor Bank Control, CBC-8000	EA				$ -
Capacitor - Pad Mount	3PH Pad Mount, 1200KVAR	EA				$ -
Regulator	1PH 328A (w/1PH Bypass Switch)	EA				$ -
	1PH 428A (w/1PH Bypass Switch)	EA				$ -
	3PH 328A (Platform Bank w/3PH Bypass Switch)	EA				$ -
	3PH 428A (Platform Bank w/3PH Bypass Switch)	EA	2			$ 139,727
	Regulator Controller Upgrade (3 units)	EA				$ -
Cutout/Fuse	1PH Non-Loadbreak/Asymmetrical, 100A	EA				$ -
	Tamer Cutout, 100A, 12KAIC, 25KV, 125KV BIL	EA				$ -
Disconnect Switch	1PH 600A 15kVA Disconnect Switch	EA	21			$ 6,356
	1PH 600A 15kVA Vertical Switch w/Triple-Blade Bypass	EA				$ -
Recloser - Hydraulic	1PH Hydr Recloser, Oil Circuit, 34.5KV,100A	EA				$ -
Recloser - Electronic	3PH GW Viper-ST 800A Electronic Controlled 15-27kV	EA	4			$ 121,508
	Recloser Control Change Outs	EA				$ -
TripSaver		EA				$ -
Transformer - Pole Mount	1PH Transformer, Pole Mount, 25-50kVA	EA				$ -
	1PH Transformer, Pole Mount, 100kVA-167kVA	EA				$ -

Transformer - Pad Mount	1PH Padmount Transformer (End of Life/AMB)	EA			[redacted]	$ -
	3PH Padmount Transformer (End of Life/AMB)	EA				$ -
Arrestors	Arrestors Retrofit	EA				$ -
Distribution Substation New/Upgrades						
	NEW Sub - 1-30 MVA with 2 Feeders	Bank	1			
	ADD 1-20 MVA (assumed redeployed unit)	Bank				
	ADD 1-30 MVA	Bank	1			
	ADD 1-50 MVA	Bank				
	ADD Single Breaker	Breaker	1			
	ADD Feeder Position to Breaker and A Half	Feeder Position				
	ADD Metal clad Breaker (3 breakers)	3 Breakers				
	ADD Neutral Reactors	Reactor	2			
	RUDI- (per breaker)	RUDI				
	NEW RUDI Upgrade	RUDI				
Transmission Line Constructions						
	Transmission costs (per mile, not including land rights)	Miles	-			
	69kV & 115kV - REBUILD Single Circuit	Miles				
	69kV & 115kV - REBUILD Double Circuit	Miles				
	69kV & 115kV - NEW	Miles	1			
Real Estate and Permits						
	Surveying/ Staking (Eng Contract in design phase; auto-populate	Circuit Feet	22,000			
	Tree Trimming (Auto-populated)	HR	Auto-populated in columnAD			
	MOT/Flagging (2 flaggers + 1 vehicle; auto-populated)	HR	Auto-populated in columnAC			
	Site Restoration	Site				
	Matting	LF				
	Speciality Permits (RR, River, Airport, Storm water)	Each				
	Easements	Each				
TOTALS						**$ 770,541**

Class V Estimate Summary - CAPEX		
-30%	Expected	+50%
$ 12,005,875	[redacted]	$ 25,726,876

Class V Estimate Summary - Fully Burdened		
-30%	Expected	+50%
$ 12,358,306	[redacted]	$ 26,482,085

REDACTED

Substation	PID	Unit Type 2	Labor	Material	OH Alloc	Acpt Dsgn vs As-Blt+Eng & Anscillary	TOT	
XBYU	F2RRPL		[redacted]					
XBYU	GENSWGR							
XBYU	GNSWLF							
XBYU	RUCSM							
XBYU	POLRPL							
XBYU	RPR							
XBYU	ARRETRO							
XBYU	SPPFDHD							
XBYU	SPPLHFR							
XBYU	SPPLTOH	LHO						
XBYU	SPPLTUG							
XBYU	SPPCRCN	6 - Reconductor						*0% contingency baked into rate for Tap change, Cap Bank, Switching, Regulator.*
XBYU	SPPSGAU	ASD, MOS						

REDACTED

SPP Unit Cost By Program (Guide)

		Feeder Hardening			Miles - UOM	LHO			Miles - UOM	Lateral Hardening UG Urban
Basis		2023 EpC Pricing (XBYU)				2023 EpC Pricing (XBYU)				2023 EpC Pricing (XBYU)
		Percent	Dollars			Percent	Dollars			Percent	Dollars
Note	Engineering		[redacted]	Insert EpC Engineering Price in E8			[redacted]	Insert EpC Engineering Price in E8			[redacted]
Note	Construction			Insert EpC Construction Price in E9. Add $5,187 for Veg Mgmt and $2,675 for Job Site Managers.				Insert EpC Construction Price in E9. Add $5,187 for Veg Mgmt and $2,675 for Job Site Managers.			
Material	Materials										
Material	Concrete Pole Adder	17%				0%				0%	
	Labor Materials Subtotal										
OH Alloc	Allocations	18%		Per Historicals and Finance advice.		18%		Per Historicals and Finance advice.		18%	
Acpt Dsgn	Escalation	10%		See Notes Tab		10%		See Notes Tab		10%	
Acpt Dsgn	Contingency	0%		Consult with Governance, Management, PM's, etc.		0%		Consult with Governance, Management, PM's, etc.		0%	
	CapEx Total										
	O&M	2%	$ 22,166	2% of All In Costs. However, O&M only applies to Construction		2%	$ 11,641	2% of All In Costs. However, O&M only applies to Construction		0.7%	
	Removal % of Eng/Cons	20%	$ 221,661	20% of All In Costs. However, Removal applies to Construction and Engineering.		20%	$ 116,406	20% of All In Costs. However, Removal applies to Construction and Engineering.		11%	
	All-In		**$ 1,108,303**				**$ 582,029**				

[redacted]

Non-EpC Updates: Update internal rates assumptions for Non-EPC (ST51 & OAKH)

For SEGA, I updated all except Padmount
SEGA Padmount only change alloc for Rem/OM; Padmount escalate unit rate 32%
C&C change all for only Reconductor
C&C non-reconductor only change Rem/OM alloc.; Non-reconductor work I escalated unit cost by 32%

Non-EpC Updates: Update internal rates assumptions for EPC (XBYU)

Change EpC rate calc to reflect the 2nd yellow section of this file
Assump Tab: update Unit rate column formula to pick up total only from the EpC Table
Update the Rem/OM Alloc.

Non-EpC Updates: Update internal rates assumptions for EPC (PASA)

Update the Rem/OM Alloc Only
Update SPP material to match this file

REDACTED

OHMR - UOM

Insert EpC Engineering Price in E8
Insert EpC Construction Price in E9. Add $100K ROW, $5,187 for Veg Mgmt and $2,675 for Job Site Managers.

Per Historicals and Finance advice.
See Notes Tab
Consult with Governance, Management, PM's, etc.

0.7% of All In Costs. However, O&M only applies to Construction
11% of All In Costs. However, Removal applies to Construction and Engineering.

SEGA (ASD, MOS)

2023 EpC Pricing (XBYU)

Percent	Dollars	
		[redacted]
5%		[redacted]
18%		[redacted]
10%		[redacted]
0%		[redacted]
2%	$ 1,575	
6%	$ 4,724	
	$ 78,734	

[redacted]

SOG C&C (Miles)

2023 EpC Pricing (XBYU)

Percent	Dollars	
		[redacted]
10%		[redacted]
18%		[redacted]
10%		[redacted]
60%		[redacted]
4%	$ 33,923	
17%	$ 164,768	
	$ 969,226	

[redacted]

Reconductoring Miles (CF * 5280) - UOM

[redacted]
Per Finance advice. Historically seeing ~15%
See Notes Tab
60% in EpC is to cover other tasks. Consult with Governance, Management, PM's, etc.
Other tasks include tap changes, relocates, regulators, cap banks. See Notes tab.

[redacted]

Project: 2021 Sample
Project #: DEF - 111
Need Date: [redacted] 1.1
Distribution Multiplier: 1.194 1.0859

Distribution estimates	Units	Budget
Install new 795 feeder		$ -
Install new 336 feeder		$ -
Double circuit 795		$ -
Add second 795 circuit to existing feeder		$ -
Underbuild feeder on existing transmission		$ -
Reconductor 336 with 795 feeder		$ -
Install new 3 phase 1/0		$ -
Relocate existing 795 feeder		$ -
Relocate existing 336 feeder		$ -
Relocate 3 phase 1/0		$ -
Remove 3 phase line		$ -
Install Viper recloser		$ -
Install hydraulic recloser		$ -
Install set of regulators		$ -
Install 1200 kvar capacitor		$ -
Install 600 amp switch		$ -
Install 1000kcmil ug feeder - directional bore		$ -
Install 1000kcmil ug feeder - open trench		$ -
Install terminal pole with switches		$ -
Install 1/0 1PH ug - directional bore		$ -
Install PME switchgear		$ -
Install Trayer switchgear		$ -
Install Vista switchgear		$ -
Install Four Way Enclosure		$ -
Subaqueous 1000 kcmil cable		$ -
Surveying ($3,119/mile)		$ -
Tree Trimming ($9,154/mile)		$ -
MOT ($14,213/mile)		$ -
Project total (distribution)		**$ -**

Substation estimates	Units	Budget
New sub - 1-30 with 2 feeders	1	$ 5,950,000
Add 1-20 mva (assumed redeployed unit)		$ -
Add 1-30 mva		$ -
Add 1-50 mva		$ -
Add single breaker		$ -
Add feeder position to breaker and a half		$ -
Add metalclad breaker (3 breakers)		$ -
Transmission costs (per mile, not including land rights)		$ -
Add neutral reactors		$ -
RUDI- (per breaker)	2	$ 98,208
New RUDI Upgrade		$ -
Project total (substation)		**$ 6,048,208**

Project total **$ 6,048,208**

Finance View	CAPEX	Captial Pool	Indirects	Contingency	Cap Pool,Indirects&Contingency	Direct Cost	EAC without contingency
Old	New w/ Burdens						
[redacted]							

Required activities associated with project.	Number of Locations	Cost Per Location	Cost
Load balancing - # of taps to be moved		[redacted]	$ -
Capacitors to be added (note if RUDI or Non-RUDI Fdr)			$ -
Capacitors to be relocated (note if RUDI or Non-RUDI Fdr)			$ -
Coordination (change in fuse size or added devices)			$ -
Segementation (# of customers between switches) - # of new switches needed			$ -
Mid Pt reclosers to be relocated			$ -
Protective Coordination Review-Relay			$ -
Neutral Reactors required? (Max fault current >10kA, or 1 ph>7kA?)			$ -
Convert Non-RUDI realys			$ -

Class 3-5 Estimating Tool

Funding Project Name:	Zephyrhills East Substation
Funding Project Number:	
Circuit ID(s):	
Detail Project:	
Detail Project In Service Date:	
Operating Unit:	
Process Level 5	
Process Level 6	

CLASS 3		
Estimate Summary - CAPEX		
-10%	Expected	20%
$ 32,358,619	$ 35,954,021	$ 43,144,825

Estimate Summary - Fully-burdened		
-10%	Expected	20%
$ 32,994,358	$ 36,660,398	$ 43,992,477

Detail Project Description:

New 230 Sub with ring bus and dist tie ins (tie-in very rougly estimated)

Main Components	Sub Components	UoM	Qty. # of Units Install	# of Units Remove	# of Units Transfer	Materials	Material + Escalation %	Install Labor	Install Labor + Supply Chain Esc. %	Loaders	Engineering/Design Project Pool
SPP SOG - OH Conductors/Equipment - New Install (CNC-REC)											
Single Circuit, 3PH 795 AAC PRI & 336 NEU	(3) 795, Single Conductor, Primary	Linear Feet									
	(1) 336, Single Conductor, Neutral	Linear Feet	-								
	3PH In-Line 50' C2 Wood Pole @every 100ft. CF	Pole									
	3PH In-Line 50' H1 Concrete Pole @every 100ft. CF (DEFAULT)	Pole	-								
Recloser - Electronic	3PH GW Viper-ST 800A Electronic Controlled 15-27kV	EA									
Switchgear (includes cord, ground rod)	PME-9/PME-10/PME-11 15KV	EA									
	PME-10 Solid Dielectric for Coastal/Submersible	EA									
Motor Operated Switch	(1) MOS with Comms Cabinet	EA									
	(2) MOS with Comms Cabinet	EA									
	(3) MOS with Comms Cabinet	EA									
SPP SOG - OH Conductors - Reconductoring (CNC-REC)											
Single Circuit, 1PH 1/0 AAC PRI & NEU	(1) 1/0, Single Conductor, Primary	Linear Feet									
	(1) 1/0, Single Conductor, Neutral	Linear Feet	-	-							
	1PH In-Line 40' C5 Wood Pole @every 100ft. CF	Pole									
	1PH In-Line 40' H1 Concrete Pole @every 100ft. CF (DEFAULT)	Pole	-	-							
Single Circuit, 2PH 1/0 AAC PRI & NEU	(2) 1/0, Single Conductor, Primary	Linear Feet									
	(1) 1/0, Single Conductor, Neutral	Linear Feet	-	-							
	2PH In-Line 50' C2-3 Wood Pole @every 100ft. CF	Pole									
	2PH In-Line 50' H2 Concrete Pole @every 100ft. CF (DEFAULT)	Pole	-	-							
Single Circuit, 3PH 1/0 AAC PRI & NEU	(3) 1/0, Single Conductor, Primary	Linear Feet									
	(1) 1/0, Single Conductor, Neutral	Linear Feet	-	-							
	3PH In-Line 50' C2-3 Wood Pole @every 100ft. CF	Pole									
	3PH In-Line 50' H2 Concrete Pole @every 100ft. CF (DEFAULT)	Pole	-	-							
Single Circuit, 3PH 795 AAC PRI & 336 NEU	(3) 795, Single Conductor, Primary	Linear Feet									
	(1) 336, Single Conductor, Neutral	Linear Feet	-	-							
	3PH In-Line 50' C2 Wood Pole @every 100ft. CF	Pole									
	3PH In-Line 50' H1 Concrete Pole @every 100ft. CF (DEFAULT)	Pole	-	-							
SPP Lateral Hardening - OH Conductors											
Single Circuit, 1PH 1/0 AAC PRI & NEU	(1) 1/0, Single Conductor, Primary	Linear Feet									
	(1) 1/0, Single Conductor, Neutral	Linear Feet	-	-	-						
	1PH In-Line 40' C5 Wood Pole @every 100ft. CF (DEFAULT)	Pole	-	-							
	1PH In-Line 40' H1 Concrete Pole @every 100ft. CF	Pole									
Single Circuit, 2PH 1/0 AAC PRI & NEU	(2) 1/0, Single Conductor, Primary	Linear Feet									
	(1) 1/0, Single Conductor, Neutral	Linear Feet	-	-	-						
	2PH In-Line 50' C2-3 Wood Pole @every 100ft. CF (DEFAULT)	Pole	-	-							
	2PH In-Line 50' H2 Concrete Pole @every 100ft. CF	Pole									
Single Circuit, 3PH 1/0 AAC PRI & NEU	(3) 1/0, Single Conductor, Primary	Linear Feet									
	(1) 1/0, Single Conductor, Neutral	Linear Feet	-	-	-						
	3PH In-Line 50' C2-3 Wood Pole @every 100ft. CF (DEFAULT)	Pole	-	-							
	3PH In-Line 50' H2 Concrete Pole @every 100ft. CF	Pole									

SPP Lateral Hardening - UG Conductors					
UG Small Cable & Conduit in Trench	Primary 1/0, 1PH	Linear Feet			
	Primary 1/0, 3PH	Linear Feet			
	Small Pull Box (w/cover) @every 1,000ft.	EA	-	-	
UG Small Cable & Conduit via Directional Bore	Primary 1/0, 1PH	Linear Feet			
	Primary 1/0, 3PH	Linear Feet			
[redacted]		EA	-	-	
		Circuit Feet			
		EA			
		EA			
SPP Feeder Hardening - OH Conductors					
Single Circuit, 3PH 1/0 AAC PRI & NEU	(3) 1/0, Single Conductor, Primary	Linear Feet			
	(1) 1/0, Single Conductor, Neutral	Linear Feet		-	-
	3PH In-Line 50' C2-3 Wood Pole @every 100ft. CF	Pole			
	3PH In-Line 50' H2 Concrete Pole @every 100ft. CF (DEFAULT)	Pole		-	
Single Circuit, 3PH 336 AAC PRI & 1/0 NEU	(3) 336, Single Conductor, Primary	Linear Feet			
	(1) 1/0, Single Conductor, Neutral	Linear Feet		-	-
	3PH In-Line 50' C2 Wood Pole @every 100ft. CF	Pole			
	3PH In-Line 50' H1 Concrete Pole @every 100ft. CF (DEFAULT)	Pole		-	
Single Circuit, 3PH 795 AAC PRI & 336 NEU	(3) 795, Single Conductor, Primary	Linear Feet	-		
	(1) 336, Single Conductor, Neutral	Linear Feet	-	-	-
	3PH In-Line 50' C2 Wood Pole @every 100ft. CF	Pole			
	3PH In-Line 50' H1 Concrete Pole @every 100ft. CF (DEFAULT)	Pole	-	-	
Double Circuit, 3PH 795 AAC PRI & 336 NEU	(6) 795, Single Conductor, Primary	Linear Feet			
	(1) 336, Single Conductor, Neutral	Linear Feet	-	-	-
	3PH In-Line 50' C2 Wood Pole @every 87.5ft. CF	Pole			
	3PH In-Line 50' H1 Concrete Pole @every 87.5ft. CF (DEFAULT)	Pole	-	-	
Underbuild, Single Circuit, 3PH 795 AAC PRI & 336 NEU	795, Single Conductor, Primary	Linear Feet			
	336, Single Conductor, Neutral	Linear Feet	-	-	-
	3PH In-Line 50' C2 Wood Pole @every 200ft. CF	Pole			
	3PH In-Line 50' H1 Concrete Pole @every 200ft. CF (DEFAULT)	Pole	-	-	
SPP Feeder Hardening - UG Conductors					
UG Large Cable & Conduit via Directional Bore	Primary 1000 AL in 6" PVC Stick Conduit, 1PH	Linear Feet			
	Primary 1000 AL in 6" PVC Stick Conduit, 3PH	Linear Feet			
	Large Pull Box (w/cover) @every 1,000ft.	EA	-	-	
UG Large Cable ONLY via Directional Bore	Primary 1000, AL Conductor, 1PH	Linear Feet			
	Primary 1000, AL Conductor, 3PH	Linear Feet			
	Large Pull Box (w/cover) @every 1,000ft.	EA	-	-	
	NEW 750, 3-2 Conductor, CU Flat Strap	Linear Feet			
[redacted]		Circuit Feet			
		EA			
		EA			
Non-SPP - OH Conductors - New Install					
Single Circuit, 1PH 1/0 AAC PRI & NEU	(1) 1/0, Single Conductor, Primary	Linear Feet			
	(1) 1/0, Single Conductor, Neutral	Linear Feet	-		
	1PH In-Line 40' C5 Wood Pole @every 200ft. CF	Pole			
	1PH In-Line 40' H1 Concrete Pole @every 200ft. CF (DEFAULT)	Pole	-		
Single Circuit, 2PH 1/0 AAC PRI & NEU	(2) 1/0, Single Conductor, Primary	Linear Feet			
	(1) 1/0, Single Conductor, Neutral	Linear Feet	-		
	2PH In-Line 50' C2-3 Wood Pole @every 200ft. CF	Pole			
	2PH In-Line 50' H2 Concrete Pole @every 200ft. CF (DEFAULT)	Pole	-		
Single Circuit, 3PH 1/0 AAC PRI & NEU	(3) 1/0, Single Conductor, Primary	Linear Feet			
	(1) 1/0, Single Conductor, Neutral	Linear Feet	-		
	3PH In-Line 50' C2-3 Wood Pole @every 200ft. CF	Pole			
	3PH In-Line 50' H2 Concrete Pole @every 200ft. CF (DEFAULT)	Pole	-		
Single Circuit, 3PH 795 AAC PRI & 336 NEU	(3) 795, Single Conductor, Primary	Linear Feet	25,000		
	(1) 336, Single Conductor, Neutral	Linear Feet	25,000		

	3PH In-Line 50' C2 Wood Pole @every 200ft. CF	Pole			
	3PH In-Line 50' H1 Concrete Pole @every 200ft. CF (DEFAULT)	Pole	125		
Double Circuit, 3PH 795 AAC PRI & 336 NEU	(6) 795, Single Conductor, Primary	Linear Feet			
	(1) 336, Single Conductor, Neutral	Linear Feet	-		
	3PH In-Line 50' C2 Wood Pole @every 175ft. CF	Pole			
	3PH In-Line 50' H1 Concrete Pole @every 175ft. CF (DEFAULT)	Pole	-		
Underbuild, Single Circuit, 3PH 795 AAC PRI & 336 NEU	795, Single Conductor, Primary	Linear Feet			
	336, Single Conductor, Neutral	Linear Feet	-		
	3PH In-Line 50' C2 Wood Pole @every 400ft. CF	Pole			
	3PH In-Line 50' H1 Concrete Pole @every 400ft. CF (DEFAULT)	Pole	-		
Non-SPP - OH Conductors - Primary and Neutral Wire Reconduct					
Single Circuit, 1PH 1/0 AAC PRI & NEU	(1) 1/0, Single Conductor, Primary	Linear Feet			
	(1) 1/0, Single Conductor, Neutral	Linear Feet	-	-	
	1PH In-Line 40' C5 Wood Pole @every200ft. CF	Pole			
	1PH In-Line 40' H1 Concrete Pole @every 200ft. CF (DEFAULT)	Pole	-	-	
Single Circuit, 2PH 1/0 AAC PRI & NEU	(2) 1/0, Single Conductor, Primary	Linear Feet			
	(1) 1/0, Single Conductor, Neutral	Linear Feet	-	-	
	2PH In-Line 50' C2-3 Wood Pole @every 200ft. CF	Pole			
	2PH In-Line 50' H2 Concrete Pole @every 200ft. CF (DEFAULT)	Pole	-	-	
Single Circuit, 3PH 1/0 AAC PRI & NEU	(3) 1/0, Single Conductor, Primary	Linear Feet			
	(1) 1/0, Single Conductor, Neutral	Linear Feet	-	-	
	3PH In-Line 50' C2-3 Wood Pole @every 200ft. CF	Pole			
	3PH In-Line 50' H2 Concrete Pole @every 200ft. CF (DEFAULT)	Pole	-	-	
Single Circuit, 3PH 795 AAC PRI & 336 NEU	(3) 795, Single Conductor, Primary	Linear Feet			
	(1) 336, Single Conductor, Neutral	Linear Feet	-	-	
	3PH In-Line 50' C2 Wood Pole @every 200ft. CF	Pole			
	3PH In-Line 50' H1 Concrete Pole @every 200ft. CF (DEFAULT)	Pole	-	-	
Underbuild, Single Circuit, 3PH 795 AAC PRI & 336 NEU	795, Single Conductor, Primary	Linear Feet			
	336, Single Conductor, Neutral	Linear Feet	-	-	-
	3PH In-Line 50' C2 Wood Pole @every 400ft. CF	Pole			
	3PH In-Line 50' H1 Concrete Pole @every 400ft. CF (DEFAULT)	Pole	-	-	
Non-SPP - OH Conductors - Neutral Wire Reconduct					
Single Circuit, 1/0 NEU ONLY	(1) 1/0, Single Conductor, Neutral	Linear Feet			
Single Circuit, 336 NEU ONLY	(1) 336, Single Conductor, Neutral	Linear Feet			
Non-SPP - UG Conductors					
UG Small Cable & Conduit in Trench	Primary 1/0, 1PH	Linear Feet			
	Primary 1/0, 3PH	Linear Feet			
	Small Pull Box (w/cover) @every 1,000ft.	EA	-	-	
UG Small Cable & Conduit via Directional Bore	Primary 1/0, 1PH	Linear Feet			
	Primary 1/0, 3PH	Linear Feet			
	Small Pull Box (w/cover) @every 1,000ft.	EA	-	-	
UG Large Cable & Conduit via Directional Bore	Primary 1000 AL in 6" PVC Stick Conduit, 1PH	Linear Feet			
	Primary 1000 AL in 6" PVC Stick Conduit, 3PH	Linear Feet	10,000		
	Large Pull Box (w/cover) @every 1,000ft.	EA	10	-	
UG Large Cable ONLY via Directional Bore	Primary 1000, AL Conductor, 1PH	Linear Feet			
	Primary 1000, AL Conductor, 3PH	Linear Feet			
	Large Pull Box (w/cover) @every 1,000ft.	EA	-	-	
	NEW 750, 3-2 Conductor, CU Flat Strap	Linear Feet			
[redacted]	[redacted]Circuit Feet				
	[redacted]EA				
	[redacted]EA				
Equipment along the Circuit above (MOT and Tree Trimming are included in the Conductor sections above)					
Pole for Equipment ONLY	1PH In-Line 40' C5 Wood Pole (w/Rods, Post/Pin Insulator, Arrester, Guy & A	Pole			
	2PH In-Line 50' C2-3 Wood Pole (w/Rods, Post/Pin Insulator, Arrester, Guy &	Pole			
	3PH In-Line 50' C2-3 Wood Pole (w/Rods, Post/Pin Insulator, Arrester, Guy &	Pole			
	3PH In-Line 50' C2 Wood Pole (w/Rods, Post/Pin Insulator, Arrester, Guy & A	Pole			
	1PH In-line 40' H1 Concrete Pole (w/Rods, Post/Pin Insulator, Arrester, Guy &	Pole			

[redacted]

	2PH In-line 50' H2 Concrete Pole (w/Rods, Post/Pin Insulator, Arrester, Guy &	Pole			
	3PH In-line 50' H2 Concrete Pole (w/Rods, Post/Pin Insulator, Arrester, Guy &	Pole			
	3PH In-line 50' H1 Concrete Pole (w/Rods, Post/Pin Insulator, Arrester, Guy &	Pole			
Switchgear (includes cord, ground rod)	PME-9/PME-10/PME-11 15KV	EA			
	PME-10 Solid Dielectric for Coastal/Submersible	EA			
Capacitor - Pole Mount	3PH Capacitor Bank, 600/1200KVAR, SWITCHED	EA	4		
	Capacitor Bank Control, CBC-8000	EA			
Capacitor - Pad Mount	3PH Pad Mount, 1200KVAR	EA			
Regulator	1PH 328A (w/1PH Bypass Switch)	EA			
	1PH 428A (w/1PH Bypass Switch)	EA			
	3PH 328A (Platform Bank w/3PH Bypass Switch)	EA			
	3PH 428A (Platform Bank w/3PH Bypass Switch)	EA			
	Regulator Controller Upgrade (3 units)	EA			
Cutout/Fuse	1PH Non-Loadbreak/Asymmetrical, 100A (auto-populate)	EA	125	-	
	1PH Non-Loadbreak/Asymmetrical, 100A (adders)	EA			
	Tamer Cutout, 100A, 12KAIC, 25KV, 125KV BIL	EA			
Disconnect Switch	1PH 600A 15kVA Disconnect Switch (auto-populate)	EA	25	-	
	1PH 600A 15kVA Disconnect Switch (adders)	EA			
	1PH 600A 15kVA Vertical Switch w/Triple-Blade Bypass	EA			
Recloser - Pole Mount Hydraulic	1PH Hydr Recloser, Oil Circuit, 34.5KV,100A	EA			
Recloser - Pole Mount Electronic	3PH GW Viper-ST 800A Electronic Controlled 15-27kV	EA	4		
	Recloser Control Change Outs	EA			
Recloser - Pad Mount Electronic	3PH GW Viper-ST 800A Electronic Controlled 15-27kV	EA			
TripSaver		EA			
Transformer - Pole Mount	1PH Pole Mount Transformer, 25-50kVA (auto-populate)	EA	33	-	-
	1PH Pole Mount Transformer, 25-50kVA (adders)	EA			
	1PH Pole Mount Transformer, 100kVA-167kVA	EA			
Transformer - Pad Mount	1PH Padmount Transformer (auto-populate)	EA	-		
	1PH Padmount Transformer (adders)	EA			
	3PH Padmount Transformer	EA			
Transformer - Pad Mount for Flood Mitigation	1PH Padmount, 25-50kVA	EA			
	1PH Padmount, 100-167kVA	EA			
	3PH Padmount, 300-750kVA	EA			
Riser	1PH (3) 10' LG 3' WD Riser on Wood/Steel/Concrete Pole	EA			
	3PH (3) 10' LG 5' WD Riser on Wood/Steel/Concrete Pole	EA			
Riser Pole Retrofit	1PH (3) 10' LG 3' WD Riser on Wood Pole (w/Cutout, Arrester)	EA			
	3PH (3) 10' LG 5' WD Riser on Wood Pole (w/Cutouts, Arresters)	EA			
Arrestors	Arrestors Retrofit	EA			
Equipment Installed/Removed Independently of Conductoing					
Pole for Equipment ONLY	1PH In-Line 40' C5 Wood Pole (w/Rods, Post/Pin Insulator, Arrester, Guy &	Pole			
	2PH In-Line 50' C2-3 Wood Pole (w/Rods, Post/Pin Insulator, Arrester, Guy &	Pole			
	3PH In-Line 50' C2-3 Wood Pole (w/Rods, Post/Pin Insulator, Arrester, Guy &	Pole			
	3PH In-Line 50' C2 Wood Pole (w/Rods, Post/Pin Insulator, Arrester, Guy &	Pole			
	1PH In-line 40' H1 Concrete Pole (w/Rods, Post/Pin Insulator, Arrester, Guy &	Pole			
	2PH In-line 50' H2 Concrete Pole (w/Rods, Post/Pin Insulator, Arrester, Guy &	Pole			
	3PH In-line 50' H2 Concrete Pole (w/Rods, Post/Pin Insulator, Arrester, Guy &	Pole			
	3PH In-line 50' H1 Concrete Pole (w/Rods, Post/Pin Insulator, Arrester, Guy &	Pole			
Switchgear (includes cord, ground rod)	PME-9/PME-10/PME-11 15KV	EA			
	PME-10 Solid Dielectric for Coastal/Submersible	EA			
Capacitor - Pole Mount	3PH Capacitor Bank, 600/1200KVAR, SWITCHED	EA			
	Capacitor Bank Control, CBC-8000	EA			
Capacitor - Pad Mount	3PH Pad Mount, 1200KVAR	EA			
Regulator	1PH 328A (w/1PH Bypass Switch)	EA			
	1PH 428A (w/1PH Bypass Switch)	EA			
	3PH 328A (Platform Bank w/3PH Bypass Switch)	EA			
	3PH 428A (Platform Bank w/3PH Bypass Switch)	EA			
	Regulator Controller Upgrade (3 units)	EA			
Cutout/Fuse	1PH Non-Loadbreak/Asymmetrical, 100A	EA			

	Tamer Cutout, 100A, 12KAIC, 25KV, 125KV BIL	EA			
Disconnect Switch	1PH 600A 15kVA Disconnect Switch	EA			
	1PH 600A 15kVA Vertical Switch w/Triple-Blade Bypass	EA			
Recloser - Pole Mount Hydraulic	1PH Hydr Recloser, Oil Circuit, 34.5KV,100A	EA			
Recloser - Pole Mount Electronic	3PH GW Viper-ST 800A Electronic Controlled 15-27kV	EA			
	Recloser Control Change Outs	EA			
Recloser - Pad Mount Electronic	3PH GW Viper-ST 800A Electronic Controlled 15-27kV	EA			
TripSaver		EA			
Transformer - Pole Mount	1PH Pole Mount Transformer, 25-50kVA	EA			
	1PH Pole Mount Transformer, 100kVA-167kVA	EA			
Transformer - Pad Mount	1PH Padmount Transformer	EA			
	3PH Padmount Transformer	EA			
Transformer - Pad Mount for Flood Mitigation	1PH Padmount, 25-50kVA	EA			
	1PH Padmount, 100-167kVA	EA			
	3PH Padmount, 300-750kVA	EA			
Riser	1PH (3) 10' LG 3' WD Cable Guard on Wood/Steel/Concrete Pole	EA			
	3PH (3) 10' LG 5' WD Cable Guard on Wood/Steel/Concrete Pole	EA			
Riser Pole Retrofit	1PH (3) 10' LG 3' WD Riser on Wood Pole (w/Cutout, Arrester)	EA			
	3PH (3) 10' LG 5' WD Riser on Wood Pole (w/Cutouts, Arresters)	EA			
Arrestors	Arrestors Retrofit	EA			
Distribution Substation New/Upgrades					
	Greenfield Ring Bus Two Bank 230kV / 12kV Class 5 Estimate	11 acre, ring bus	1		
	ADD 1-20 MVA (assumed redeployed unit)	Bank			
	ADD 1-30 MVA	Bank			
	ADD 1-50 MVA	Bank			
	ADD Single Breaker	Breaker	8		
	ADD Feeder Position to Breaker and A Half	Feeder Position			
	ADD Metal clad Breaker (3 breakers)	3 Breakers			
	ADD Neutral Reactors	Reactor	2		
	RUDI- (per breaker)	RUDI	8		
	NEW RUDI Upgrade	RUDI			
Transmission Line Constructions					
	Transmission costs (per mile, not including land rights)	Miles			
	69kV & 115kV - REBUILD Single Circuit	Miles			
	69kV & 115kV - REBUILD Double Circuit	Miles			
	230 KV- NEW	Miles	1		
Miscellaneous					
	Surveying/ Staking (Eng Contract in design phase; auto-populated)	Circuit Feet	35,000		
	Tree Trimming (Auto-populated)	HR	Auto-populated in columnAD		
	MOT/Flagging (2 flaggers + 1 vehicle; auto-populated)	HR	Auto-populated in columnAC		
	Site Restoration	Site			
	Matting	LF			
	Hydrovac Excavation	Pole	-		
	Speciality Permits (RR, River, Airport, Storm water)	Each			
	Easements	Each			
TOTALS					
T&E ASSUMPTIONS					
T&E RESOURCE FACTOR	T&E RESOURCE FACTOR	%	0%		
TOTALS					

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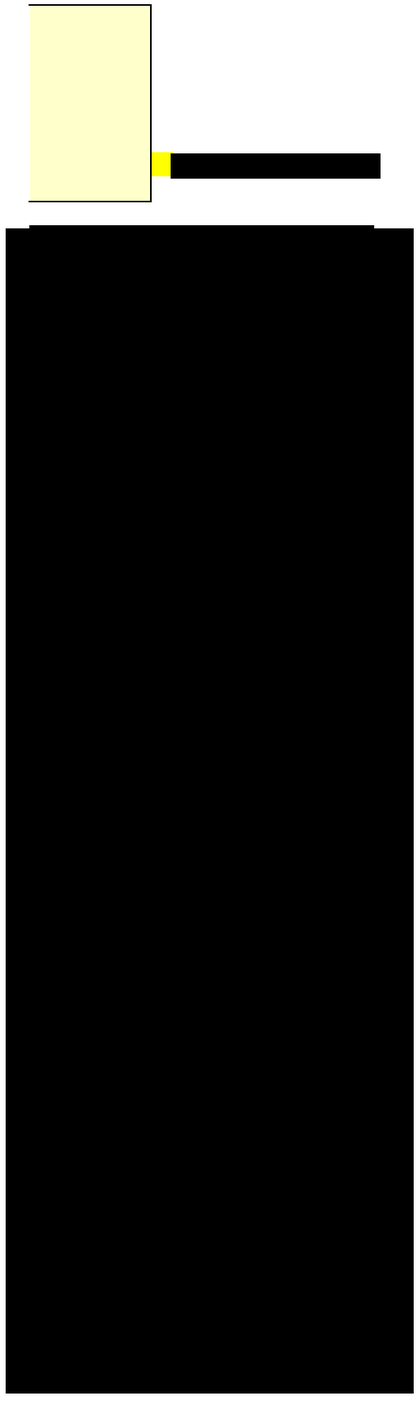

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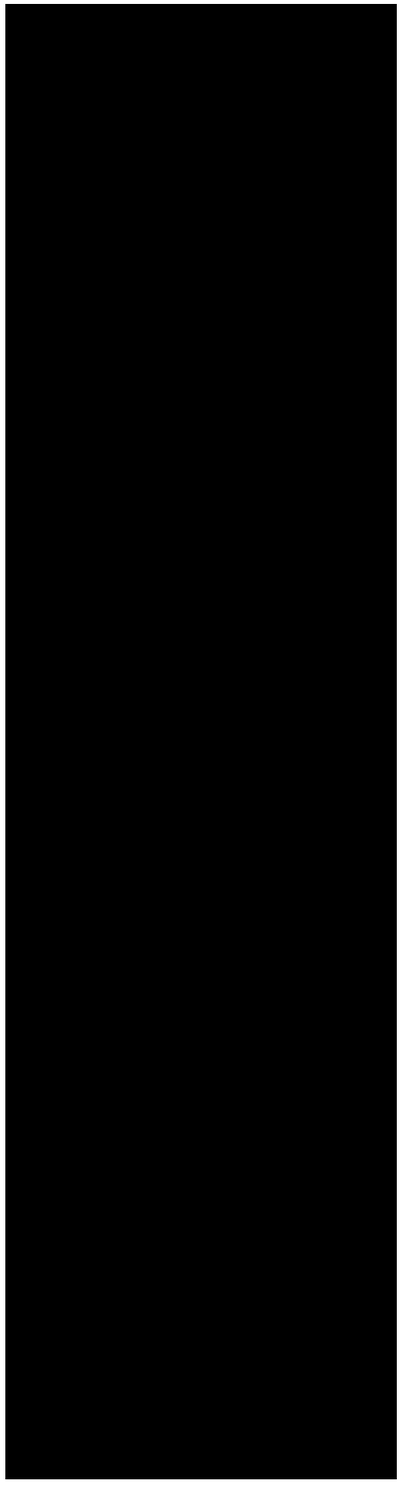

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Remove per UoM	Trasnfer per UoM	MOT	Tree Trimming	Materials	Install Labor	Loaders	Engineering/Design Project Pool	Transfer (Capital)	TOTAL CAPEX	Contingency	Removal Labor (R)	O&M	Transfer (O&M)			Install per UoM	Remove per UoM
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0.07		0.08	0.07	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -		$ -		-	-
0.02		0.08	0.07	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -		$ -		-	-
0.04		0.08	0.07	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -		$ -		-	-
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0.06		0.08	0.07	$ 252,411	$ 581,248	$ 393,409	$ 108,376		$ 1,335,442	$ 146,899	$ -	$ 44,470		$ 1,526,811		5,989	-
5.35				$ 33,304	$ 7,245	$ 22,357	$ 5,271		$ 68,177	$ 7,499	$ -	$ 2,270		$ 77,947		129	-
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0.01		0.08	0.07	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -		$ -		-	-
0.04		0.08	0.07	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -		$ -		-	-
4.81		0.08	0.07	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -		$ -		-	-
1.19		0.08	0.07	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -		$ -		-	-
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12.31				$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -		$ -		-	-
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11.64				$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -		$ -		-	-

REDACTED
DOCUMENTS BEARING BATES NUMBERS
20240025-OPCPOD3-00015895 through 20240025-OPCPOD3-00015914 and
20240025-OPCPOD3-00015918 through 20240025-OPCPOD3-00015920
ARE REDACTED IN THEIR ENTIRETY

REDACTED
DOCUMENTS BEARING BATES NUMBERS
20240025-OPCPOD3-00013555 through
20240025-OPCPOD3-00015914 and
20240025-OPCPOD3-00015918 through 20240025-
OPCPOD3-00015920 and
20240025-OPCPOD3-00015920 16714 through
20240025-OPCPOD3-00017299
ARE REDACTED IN THEIR ENTIRETY

REDACTED
DOCUMENTS BEARING BATES NUMBERS 20240025-OPCROG3-00016684 THROUGH 20240025-OPCROG3-00016695 ARE REDACTED IN THEIR ENTIRETY

REDACTED
DOCUMENTS BEARING BATES NUMBERS 20240025-OPCROG3-00016741 THROUGH 20240025-OPCROG3-00016752 ARE REDACTED IN THEIR ENTIRETY

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DOCUMENTS BEARING BATES NUMBERS 20240025-OPCROG3-00016757 through 20240025-OPCROG3-00016789 ARE REDACTED IN THEIR ENTIRETY

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DOCUMENTS BEARING BATES NUMBERS 20240025-OPCROG3-00016852 through 20240025-OPCROG3-00017030 ARE REDACTED IN THEIR ENTIRETY

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DOCUMENTS BEARING BATES NUMBERS 20240025-OPCROG3-00017033 and 20240025-OPCROG3-00017034 ARE REDACTED IN THEIR ENTIRETY

REDACTED
DOCUMENTS BEARING BATES NUMBERS 20240025-OPCROG3-00017112 through 00020240025-OPCROG3-00017122 ARE REDACTED IN THEIR ENTIRETY

Exhibit C

DUKE ENERGY FLORIDA
Confidentiality Justification Matrix

RESPONSE/DOCUMENT	PAGE/LINE	JUSTIFICATION
DEF's Response to OPC's Third Request for Production of Documents (Nos. 29-32), specifically, Question 29.	**Question 29:** Documents bearing bates numbers 20240025-OPCPOD3-00015895 through 20240025-OPCPOD3-00015914 and 20240025-OPCPOD3-00015918 through 20240025-OPCPOD3-00015920 are confidential in their entirety.	§366.093(3)(e), F.S. The documents in question contain confidential information relating to competitive business interests, the disclosure of which would impair the competitive business of the provider/owner of the information. §366.093(3)(d), F.S. The documents in question contain confidential information, the disclosure of which would impair DEF's efforts to contract for goods or services on favorable terms.
DEF's Response to OPC's Third Request for Production of Documents (Nos. 29-32), specifically, Question 31.	**Question 31:** Documents bearing bates numbers 20240025-OPCPOD3-00013555 through 20240025-OPCPOD3-00015894, 20240025-OPCPOD3-00016714 through 20240025-OPCPOD3-00017299, 20240025-OPCPOD3-00013383 through 20240025-OPCPOD3-00013399, and 20240025-OPCPOD3-00015921 through 20240025-OPCPOD3-	§366.093(3)(d), F.S. The documents in question contain confidential information, the disclosure of which would impair DEF's efforts to contract for goods or services on favorable terms.

	00016713 are confidential in their entirety.	
DEF's Response to OPC's Third Set of Interrogatories (Nos. 63-70), specifically, Question 65.	**Question 65:** Documents bearing bates numbers 20240025-OPCROG3-00016599 through 20240025-OPCROG3-00016607, 20240025-OPCROG3-00016679 through 20240025-OPCROG3-00016695, 20240025-OPCROG3-00016741 through 20240025-OPCROG3-00016755, 20240025-OPCROG3-00016757 through 20240025-OPCROG3-00016792, 20240025-OPCROG3-00016852 through 20240025-OPCROG3-00017032, 20240025-OPCROG3-0001712 through 20240025-OPCROG3-00017132, 20240025-OPCROG3-00017647 through 20240025-OPCROG3-00017649, 20240025-OPCROG3-00017651 through 20240025-OPCROG3-00017654, 20240025-OPCROG3-00017710 through 20240025-OPCROG3-001722, 20240025-OPCROG3-00017783 through 20240025-OPCROG3-00017785, 20240025-OPCROG3-00016600 through 20240025-OPCROG3-00016602, 20240025-OPCROG3-00016603	§366.093(3)(e), F.S. The documents in question contain confidential information relating to competitive business interests, the disclosure of which would impair the competitive business of the provider/owner of the information. §366.093(3)(d), F.S. The documents in question contain confidential information, the disclosure of which would impair DEF's efforts to contract for goods or services on favorable terms.

	through 20240025-OPCROG3-00016607, and 20240025-OPCROG3-00016599 are confidential in their entirety.	
DEF's Response to OPC's Third Set of Interrogatories (Nos. 63-70), specifically, Question 68.	**Question 68:** The document bearing bates number 20240025-OPCROG3-00017791 is confidential in its entirety.	§366.093(3)(d), F.S. The document in question contains confidential information, the disclosure of which would impair DEF's efforts to contract for goods or services on favorable terms. §366.093(3)(c), F.S. The document in question contains confidential security measures, systems, or procedures.

Exhibit D

AFFIDAVITS OF EDWARD L. SCOTT, BRIAN M. LLOYD, HANS JACOB, REGINALD D. ANDERSON, AND VANESSA GOFF

REDACTED
DOCUMENTS BEARING BATES NUMBER
20240025-OPCROG3-00017791
IS REDACTED IN ITS ENTIRETY

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition by Duke Energy Florida, LLC for rate increase	DOCKET NO. 20240025-EI
	Dated: May 24, 2024

AFFIDAVIT OF EDWARD L. SCOTT IN SUPPORT OF DUKE ENERGY FLORIDA, LLC'S REQUEST FOR CONFIDENTIAL CLASSIFICATION

STATE OF FLORIDA

COUNTY OF PINELLAS

BEFORE ME, the undersigned authority duly authorized to administer oaths, personally appeared Edward L. Scott, who being first duly sworn, on oath deposes and says that:

1. My name is Edward L. Scott. I am over the age of 18 years old, and I have been authorized by Duke Energy Florida (hereinafter "DEF" or the "Company") to give this affidavit in the above-styled proceeding on DEF's behalf and in support of DEF's Request for Confidential Classification (the "Request"). The facts attested to in my affidavit are based upon my personal knowledge.

2. I am employed by DEF as General Manager of System Operations, Florida.

3. As General Manager of System Operations, I am responsible for the safe, reliable, economic, and regulatory compliant operation of the DEF power system. This is done by overseeing the real time electric system operations of DEF, including generation dispatch,

transmission reliability, and transmission service transactions. I also serve as Vice Chair on the Florida Reliability Coordinating Council's ("FRCC") Operating Committee.

4. DEF is seeking confidential classification for information contained in response to the Office of the Public Counsel's ("OPC") Third Request for Production of Documents, Question 31 (Transmission), and Third Set of Interrogatories, Question 68. A detailed description of the confidential information at issue is contained in confidential Exhibit A to DEF's Request and is outlined in DEF's Justification Matrix that is attached to DEF's Request as Exhibit C. DEF is requesting confidential classification of this confidential information for the reasons set forth below.

5. Documents produced in response to OPC's Third Request for Production of Documents, Question 31 (Transmission), and Third Set of Interrogatories, Question 68, contain confidential information. Specifically, these documents contain pricing information relating to contracts for goods and services (along with other terms of such contracts). Disclosure of this non-public information could alter contractors' behavior to the detriment of DEF, its customers, and its affiliates. Thus, absent confidential classification, DEF's efforts to contract for goods and services on favorable terms may be impaired. In addition, the documents in question contain details about the location and nature of future transmission planning projects. Disclosure of that information could pose significant security risks to DEF, its customers, and the transmission grid.

6. Upon receipt of confidential information, strict procedures are established and followed to maintain the confidentiality of the terms of the documents and information provided, including restricting access to those persons who need the information to assist DEF. At no time since receiving the information in question has DEF publicly disclosed that information. DEF has treated and continues to treat the information at issue as confidential.

7. This concludes my affidavit.

Further affiant sayeth not.

Dated the _____ day of _____, 2024.

_____
(Signature)
Edward L. Scott
General Manager, System Operations
Duke Energy Florida, LLC

THE FOREGOING INSTRUMENT was sworn to and subscribed before me this ___ day of _____, 2024 by Edward L. Scott. He is personally known to me or has produced his _____ driver's license, or his _____ as identification.

_____
(Signature)

_____
(Printed Name)

(AFFIX NOTARIAL SEAL) NOTARY PUBLIC, STATE OF _____

_____
(Commission Expiration Date)

_____
(Serial Number, If Any)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition by Duke Energy Florida, LLC for rate increase	DOCKET NO. 20240025-EI
	Dated: May 24, 2024

AFFIDAVIT OF VANESSA GOFF IN SUPPORT OF DUKE ENERGY FLORIDA, LLC'S REQUEST FOR CONFIDENTIAL CLASSIFICATION

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

BEFORE ME, the undersigned authority duly authorized to administer oaths, personally appeared Vanessa Goff, who being first duly sworn, on oath deposes and says that:

1. My name is Vanessa Goff. I am over the age of 18 years old, and I have been authorized by Duke Energy Florida (hereinafter "DEF" or the "Company") to give this affidavit in the above-styled proceeding on DEF's behalf and in support of DEF's Request for Confidential Classification (the "Request"). The facts attested to in my affidavit are based upon my personal knowledge.

2. I am employed by Duke Energy Corporation as Director of Renewables Business Development.

3. As Director of Renewables Development, I am responsible for the development of new solar facilities in Florida on behalf of DEF. I lead a team that conducts solar development

activities, including project siting, land acquisition, resource assessment, permitting, obtaining interconnection rights, project layout and design, arranging contracts for engineering, procurement, and construction ("EPC") services, as well as originating, structuring, and executing transactions to acquire rights to existing solar development projects.

4. DEF is seeking confidential classification for information contained in response to the Office of the Public Counsel's ("OPC") Third Request for Production of Documents, Question 29 (Solar), and Third Set of Interrogatories, Question 65 (Solar). A detailed description of the confidential information at issue is contained in confidential Exhibit A to DEF's Request and is outlined in DEF's Justification Matrix that is attached to DEF's Request as Exhibit C. DEF is requesting confidential classification of this confidential information for the reasons set forth below.

5. Documents produced in response to OPC's Third Request for Production of Documents, Question 29 (Solar), and Third Set of Interrogatories, Question 65 (Solar), contain confidential information. Specifically, those documents contain the terms of contracts for goods and services. Disclosure of this non-public information could alter contractors' behavior to the detriment of DEF and its customers. Thus, absent confidential classification, DEF's efforts to contract for goods and services on favorable terms may be impaired.

6. Upon receipt of confidential information, strict procedures are established and followed to maintain the confidentiality of the terms of the documents and information provided, including restricting access to those persons who need the information to assist DEF. At no time since receiving the information in question has DEF publicly disclosed that information. DEF has treated and continues to treat the information at issue as confidential.

7. This concludes my affidavit.

Further affiant sayeth not.

Dated the _____ day of _____, 2024.

_____
(Signature)
Vanessa Goff
Director, Renewables Business Development
Duke Energy Corporation

THE FOREGOING INSTRUMENT was sworn to and subscribed before me this ___ day of _____, 2024 by Vanessa Goff. She is personally known to me or has produced her _____ driver's license, or her _____ as identification.

_____
(Signature)

_____
(Printed Name)

(AFFIX NOTARIAL SEAL)

NOTARY PUBLIC, STATE OF _____

_____
(Commission Expiration Date)

_____
(Serial Number, If Any)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition by Duke Energy Florida, LLC for rate increase	DOCKET NO. 20240025-EI
	Dated: May 24, 2024

AFFIDAVIT OF BRIAN M. LLOYD IN SUPPORT OF DUKE ENERGY FLORIDA, LLC'S REQUEST FOR CONFIDENTIAL CLASSIFICATION

STATE OF FLORIDA

COUNTY OF PINELLAS

BEFORE ME, the undersigned authority duly authorized to administer oaths, personally appeared Brian M. Lloyd, who being first duly sworn, on oath deposes and says that:

1. My name is Brian M. Lloyd. I am over the age of 18 years old, and I have been authorized by Duke Energy Florida (hereinafter "DEF" or the "Company") to give this affidavit in the above-styled proceeding on DEF's behalf and in support of DEF's Request for Confidential Classification (the "Request"). The facts attested to in my affidavit are based upon my personal knowledge.

2. I am employed by DEF as General Manager, Florida Major Projects.

3. As General Manager, my duties and responsibilities include planning for grid upgrades, system planning, and overall Distribution asset management strategy across DEF, as well as the Project Management for executing the work identified. Additionally, I manage

organizations that execute the developer interactions and engineer large residential developments across the DEF territory.

4. DEF is seeking confidential classification for information contained in response to the Office of the Public Counsel's ("OPC") Third Set of Interrogatories, Question 65 (Distribution). A detailed description of the confidential information at issue is contained in Exhibit A to DEF's Request and is outlined in DEF's Justification Matrix that is attached to DEF's Request as Exhibit C. DEF is requesting confidential classification of this confidential information for the reasons set forth below.

5. Documents produced in response to OPC's Third Set of Interrogatories, Question 65 (Distribution), contain confidential information. Specifically, those documents contain pricing information relating to contracts for goods and services. Disclosure of this non-public information could alter contractors' behavior to the detriment of DEF, its customers, and its affiliates. Thus, absent confidential classification, DEF and its affiliates' efforts to contract for goods and services on favorable terms may be impaired. In addition, the documents in question contain internal sensitive business information regarding future projects and capital investments. That information relates to DEF's competitive business interests, and, absent confidential classification, disclosure of that information would impair DEF's ability to compete in the marketplace.

7. Upon receipt of confidential information, strict procedures are established and followed to maintain the confidentiality of the terms of the documents and information provided, including restricting access to those persons who need the information to assist the Company. At no time since receiving the information in question has the Company publicly disclosed that information. The Company has treated and continues to treat the information at issue as confidential.

8. This concludes my affidavit.

Further affiant sayeth not.

Dated the 24 day of MAY, 2024.

(Signature)
Brian M. Lloyd
General Manager, Florida Major Projects
Duke Energy Florida, LLC

THE FOREGOING INSTRUMENT was sworn to and subscribed before me this 24th day of May, 2024 by Brian M. Lloyd. He is personally known to me or has produced her FL-DLIC driver's license, or his _____ as identification.

(Signature)
Shemone Watts
(Printed Name)
NOTARY PUBLIC, STATE OF Florida

(AFFIX NOTARIAL SEAL)

6/17/2026
(Commission Expiration Date)

HH 259961
(Serial Number, If Any)

SHEMONE WATTS
Notary Public - State of Florida
Commission # HH 259961
My Comm. Expires Jun 17, 2026

SHEMONE WATTS
Notary Public - State of Florida
Commission # HH 259961
My Comm. Expires Jun 17, 2026

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition by Duke Energy Florida, LLC for rate increase	DOCKET NO. 20240025-EI
	Dated: May 24, 2024

AFFIDAVIT OF HANS JACOB IN SUPPORT OF DUKE ENERGY FLORIDA, LLC'S REQUEST FOR CONFIDENTIAL CLASSIFICATION

STATE OF FLORIDA

COUNTY OF PINELLAS

BEFORE ME, the undersigned authority duly authorized to administer oaths, personally appeared Hans Jacob, who being first duly sworn, on oath deposes and says that:

1. My name is Hans Jacob. I am over the age of 18 years old, and I have been authorized by Duke Energy Florida (hereinafter "DEF" or the "Company") to give this affidavit in the above-styled proceeding on DEF's behalf and in support of DEF's Request for Confidential Classification (the "Request"). The facts attested to in my affidavit are based upon my personal knowledge.

2. I am employed by Duke Energy Corporation as Director of Renewable Business Development.

3. As a Director of Renewable Business Development, I am responsible for the development of battery energy storage systems ("BESS") projects in Florida on behalf of Duke

Energy Florida, LLC ("DEF" or the "Company"). I lead a team of project developers responsible for the initiation and deployment of regulated battery energy storage and microgrid systems.

4. DEF is seeking confidential classification for information contained in response to the Office of the Public Counsel's ("OPC") Third Request for Production of Documents, Question 31 (Energy Storage), and Third Set of Interrogatories, Question 65 (Energy Storage). A detailed description of the confidential information at issue is contained in Exhibit A to DEF's Request and is outlined in DEF's Justification Matrix that is attached to DEF's Request as Exhibit C. DEF is requesting confidential classification of this confidential information for the reasons set forth below.

5. Documents produced in response to OPC's Third Request for Production of Documents, Question 31 (Energy Storage), and Third Set of Interrogatories, Question 65 (Energy Storage), contain confidential information. Specifically, these documents contain pricing information relating to contracts for goods and services (along with other terms of such contracts). Disclosure of this non-public information could alter contractors' behavior to the detriment of DEF, its customers, and its affiliates. Thus, absent confidential classification, DEF's efforts to contract for goods and services on favorable terms may be impaired.

6. Upon receipt of confidential information, strict procedures are established and followed to maintain the confidentiality of the terms of the documents and information provided, including restricting access to those persons who need the information to assist DEF. At no time since receiving the information in question has DEF publicly disclosed that information. DEF has treated and continues to treat the information at issue as confidential.

7. This concludes my affidavit.

Further affiant sayeth not.

Dated the _____ day of _____, 2024.

_____
(Signature)
Hans Jacob
Director, Renewable Business Development
Duke Energy Corporation

THE FOREGOING INSTRUMENT was sworn to and subscribed before me this ___ day of _____, 2024 by Hans Jacob. He is personally known to me or has produced his _____ driver's license, or his _____ as identification.

_____
(Signature)

_____
(Printed Name)
(AFFIX NOTARIAL SEAL) NOTARY PUBLIC, STATE OF _____

_____
(Commission Expiration Date)

_____
(Serial Number, If Any)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition by Duke Energy Florida, LLC for rate increase	DOCKET NO. 20240025-EI
	Dated: May 24, 2024

AFFIDAVIT OF REGINALD D. ANDERSON IN SUPPORT OF DUKE ENERGY FLORIDA, LLC'S REQUEST FOR CONFIDENTIAL CLASSIFICATION

STATE OF FLORIDA

COUNTY OF PINELLAS

BEFORE ME, the undersigned authority duly authorized to administer oaths, personally appeared Reginald D. Anderson, who being first duly sworn, on oath deposes and says that:

1. My name is Reginald D. Anderson. I am over the age of 18 years old, and I have been authorized by Duke Energy Florida (hereinafter "DEF" or the "Company") to give this affidavit in the above-styled proceeding on DEF's behalf and in support of DEF's Request for Confidential Classification (the "Request"). The facts attested to in my affidavit are based upon my personal knowledge.

2. I am employed by DEF as Vice President, Power Generation.

3. As Vice President of DEF's Power Generation organization, I am responsible for providing overall leadership and strategic and tactical planning over employees in DEF's Power Generation organization. In this role, I oversee generation projects, major maintenance programs,

outage and project management, fleet retirement strategy, and workforce planning (including departmental staffing and long-term strategies such as organizational alignment, design, retention, and inclusion). I am responsible for billions of dollars in assets including capital and operating and maintenance ("O&M") budgets, and I lead the development of regional succession planning.

4. DEF is seeking confidential classification for information contained in response to the Office of the Public Counsel's ("OPC") Third Request for Production of Documents, Question 29 (Generation). A detailed description of the confidential information at issue is contained in Exhibit A to DEF's Request and is outlined in DEF's Justification Matrix that is attached to DEF's Request as Exhibit C. DEF is requesting confidential classification of this confidential information for the reasons set forth below.

5. Documents produced in response to OPC's Third Request for Production of Documents, Question 29 (Generation), contain confidential information. Specifically, those documents contain pricing information relating to contracts for goods and services. Disclosure of this non-public information could alter contractors' behavior to the detriment of DEF, its customers, and its affiliates. Thus, absent confidential classification, DEF and its affiliates' efforts to contract for goods and services on favorable terms may be impaired. In addition, the documents in question contain internal sensitive business information regarding future projects and capital investments. That information relates to DEF's competitive business interests, and, absent confidential classification, disclosure of that information would impair DEF's ability to compete in the marketplace.

6. Upon receipt of confidential information, strict procedures are established and followed to maintain the confidentiality of the terms of the documents and information provided, including restricting access to those persons who need the information to assist DEF. At no time

since receiving the information in question has DEF publicly disclosed that information. DEF has treated and continues to treat the information at issue as confidential.

7. This concludes my affidavit.

Further affiant sayeth not.

Dated the _____ day of _____, 2024.

_____
(Signature)
Reginald D. Anderson
Vice President, Power Generation
Duke Energy Florida, LLC

THE FOREGOING INSTRUMENT was sworn to and subscribed before me this ___ day of _____, 2024 by Reginald D. Anderson. He is personally known to me or has produced his _____ driver's license, or his _____ as identification.

_____
(Signature)

_____
(Printed Name)

(AFFIX NOTARIAL SEAL)

NOTARY PUBLIC, STATE OF _____

_____
(Commission Expiration Date)

_____
(Serial Number, If Any)