

# PUR-2024-00152

HJ 30 and SJ 47 Performance-based Regulation Stakeholder Workgroup

# **SCC PBR OVERVIEW**

**Division of Public Utility Regulation** 

December 9, 2024

# Agenda:

- The "Status Quo" Current Standards & Protocols
- Active PBR Proceeding Update PUR-2023-00210



## PUR-2024-00152 - Stakeholder Workgroup

# The "Status Quo" – Current Standards & Protocols

### The "Status Quo" – Reliability

METRIC	BENCHMARK	SOURCE DATA	CODE/RULE/CASE NO.
System Average Interruption Duration Index (SAIDI) (excluding Major Events)	Historical; Peer group electric utilities	Utility and EIA Form 861	N/A
System Average Interruption Frequency Index (SAIFI) (excluding Major Events)	Historical; Peer group electric utilities	Utility and EIA Form 861	N/A

\* Reliability metrics previously fell under the "Customer Service" category



### The "Status Quo" – Generating Plant Performance

METRIC	BENCHMARK	SOURCE DATA	CODE/RULE/CASE NO.
Equivalent Forced Outage Rate on Demand (EFORd) (non-nuclear)	PJM; NERC	Utility; PJM and NERC eGADs	N/A
Equivalent Forced Outage Rate on Demand Excluding Outages Designated Outside Management Control (XEFORd) (non-nuclear)	PJM; NERC	Utility; PJM and NERC eGADs	N/A
Net Capacity Factor (NCF) (nuclear)	US Nuclear Industry; 800-999 MW PWRs	Utility	N/A
Equivalent Availability Factor (EAF) (Fossil Fuel)	PJM	Utility and PJM eGADs	N/A
Heat rates (Coal and Combined Cycle)	National average US Coal and US CC	EIA	N/A
Capacity Factor (Renewables)	Historical	Utility	N/A



### The "Status Quo" – Customer Service

METRIC	BENCHMARK	SOURCE DATA	CODE/RULE/CASE NO.
Average Speed of Answer (ASA)	Historical	Utility	N/A

\* Reliability metrics previously fell under the "Customer Service" category



### The "Status Quo" – Operating Efficiency

#### Rate Competitiveness

METRIC	BENCHMARK	SOURCE DATA	CODE/RULE/CASE NO.
Revenue per kWh (by rate class)	Peer group electric utilities	EEI Typical Bills and Average Rates Report	§ 56-585.1 A 2 e
Average monthly bills (by rate class)	Peer group electric utilities	EEI Typical Bills and Average Rates Report	§ 56-585.1 A 2 e

#### O&M & Production Efficiency

METRIC	BENCHMARK	SOURCE DATA	CODE/RULE/CASE NO.
O&M efficiency (percent of total assets)	Peer group utilities	FERC Form 1	N/A
Large coal plant production costs	Peer group utilities	Utility	N/A
Combined cycle plant production costs	Peer group utilities	Utility	N/A



### The "Status Quo" – Operating Efficiency

#### Energy Efficiency / RPS Compliance

METRIC	BENCHMARK	SOURCE DATA	CODE/RULE/CASE NO.
Energy Efficiency Targets	Pending	EM&V Reports	§ 56-585.1 A 5 c/56-596.2
RPS Targets	Total electric energy sold	RPS Plan cases	§ 56-585.5

\*EE Targets and RPS Targets are currently evaluated within their respective proceedings with separate potential impacts on rates.



### PUR-2024-00152 - Stakeholder Workgroup

# Active PBR Proceeding Update – PUR-2023-00210

### Active PBR Proceeding Update – PUR-2023-00210

#### **Commission's Order on December 12, 2023**

Established the following activities & dates:

April 2024 – Parties submit proposed Standards & Protocols May 2024 – Stakeholder Meeting Aug 2024 – Staff Report

Commission's Order on October 21, 2024

Established the following activities & dates:

Nov 2024 – Parties submit comments on Staff Report Mar 2025 – Staff submits Proposed draft regulations

	STATE CORPORATION O	COMMISSION	N (A
	AT RICHMOND, DECEM	BER 12, 2023	SCO - CLEIKS CORCE
COMMONWEALTH	H OF VIRGINIA, ex rel.		0
STATE CORPORAT	TON COMMISSION	CASE	2023 GEC 12 A 9:15
Ex Parte: In the matter implementing perform adjustments to combin under §§ 56-585.1 A 2 56-585.8 E of the Code	hance-based and rates of return	CASE	NO. PUR-2023-00210
Chapters 757	ORDER ESTABLISHING PR	OCEEDING	
amended & sc scs	nd 775 of the 2023 Virginia Acts of	Assembly ("Acts"	), inter alia
	2 c of the Code of Virginia ("Codel	D	
	all another electric utilities all	and a star	
Commission ("Commiss	ion") to increase or decrease a utili	ty's authorized rot	sporation
operating efficiency for generation and recognized standar purposes.	may increase or decrease the utility stribution services by up to 50 basi ability, generating plant performs y of a utility. Any such adjustment i distribution services shall include ds determined by the Commission	to the combined ra consideration of to be appropriat	factors that ervice, and te of return nationally e for such
enapters 757 and 775 of th	e Acts further direct the Commissi	on, pursuant to the	it identical Cou
Commission), before to review and deter implementing any standards established filings occurring	of considering future performance urn in accordance with subdivision amended by this act, the State Co. December 31, 2023, shall direct th mine the appropriate protocols an such performance-based adjustm as a result of such a proceeding sha or after January 1, 2025. How ublic interest would be better serve	rporation Commis e initiation of a pro d standards appli ents. The protoc	5.1 of the sion (the occeeding cable to ols and
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# **Thank You!**

