



# **Public Service Enterprise Group**

**2022 EEI Financial Conference Supplement** 

November 13 – 15, 2022

# Forward-Looking Statements

Certain of the matters discussed in this presentation about our and our subsidiaries' future performance, including, without limitation, future revenues, earnings, strategies, prospects, consequences and all other statements that are not purely historical constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Such forward-looking statements are subject to risks and uncertainties, which could cause actual results to differ materially from those anticipated. Such statements are based on management's beliefs as well as assumptions made by and information currently available to management. When used herein, the words "anticipate," "intend," "estimate," "believe," "expect," "plan," "should," "hypothetical," "potential," "forecast," "project," variations of such words and similar expressions are intended to identify forward-looking statements. Factors that may cause actual results to differ materially from those contemplated in any forward-looking statements made by us herein are discussed in filings we make with the United States Securities and Exchange Commission (SEC), including our Annual Report on Form 10-K and subsequent reports on Form 10-Q and Form 8-K. These factors include, but are not limited to:

- any inability to successfully develop, obtain regulatory approval for, or construct transmission and distribution, and solar and wind generation projects;
- the physical, financial and transition risks related to climate change, including risks relating to potentially increased legislative and regulatory burdens, changing customer preferences and lawsuits:
- any equipment failures, accidents, critical operating technology or business system failures, severe weather events,
- acts of war, terrorism, sabotage, cyberattack or other incidents that may impact our ability to provide safe and reliable service to our customers;
- any inability to recover the carrying amount of our long-lived assets:
- disruptions or cost increases in our supply chain, including labor shortages:
- any inability to maintain sufficient liquidity or access sufficient capital on commercially reasonable terms;
- the impact of cybersecurity attacks or intrusions or other disruptions to our information technology, operational or other systems:
- the impact of the ongoing coronavirus pandemic:
- failure to attract and retain a qualified workforce:
- inflation, including increases in the costs of equipment, materials, fuel and labor;
- the impact of our covenants in our debt instruments on our business;
- adverse performance of our nuclear decommissioning and defined benefit plan trust fund investments and changes in funding requirements and pension costs;
- the failure to complete, or delays in completing, the Ocean Wind 1 offshore wind project and the failure to realize the anticipated strategic and financial benefits of this project;
- · fluctuations in wholesale power and natural gas markets, including the potential impacts on the economic viability of our generation units;
- our ability to obtain adequate nuclear fuel supply:
- market risks impacting the operation of our nuclear generating stations;
- changes in technology related to energy generation, distribution and consumption and changes in customer usage patterns;
- third-party credit risk relating to our sale of nuclear generation output and purchase of nuclear fuel;
- anv inability to meet our commitments under forward sale obligations:
- reliance on transmission facilities to maintain adequate transmission capacity for our nuclear generation fleet;
- the impact of changes in state and federal legislation and regulations on our business, including PSE&G's ability to recover costs and earn returns on authorized investments:
- PSE&G's proposed investment programs may not be fully approved by regulators and its capital investment may be lower than planned:
- our ability to advocate for and our receipt of appropriate regulatory guidance to ensure long-term support for our nuclear fleet;
- adverse changes in and non-compliance with energy industry laws, policies, regulations and standards, including market structures and transmission planning and transmission returns;
- risks associated with our ownership and operation of nuclear facilities, including increased nuclear fuel storage costs, regulatory risks, such as compliance with the Atomic Energy Act and trade control, environmental and other regulations, as well as financial, environmental and health and safety risks;
- · changes in federal and state environmental laws and regulations and enforcement;
- delays in receipt of, or an inability to receive, necessary licenses and permits; and
- · changes in tax laws and regulations.

All of the forward-looking statements made in this presentation are qualified by these cautionary statements and we cannot assure you that the results or developments anticipated by management will be realized or even if realized, will have the expected consequences to, or effects on, us or our business, prospects, financial condition, results of operations or cash flows. Readers are cautioned not to place undue reliance on these forward-looking statements in making any investment decision. Forward-looking statements from time to time, we specifically disclaim any obligation to do so, even in light of new information or future events, unless otherwise required by applicable securities laws.

The forward-looking statements contained in this presentation are intended to qualify for the safe harbor provisions of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended.



## **GAAP Disclaimer**

PSEG presents Operating Earnings in addition to its Net Income/(Loss) reported in accordance with accounting principles generally accepted in the United States (GAAP). Operating Earnings is a non-GAAP financial measure that differs from Net Income/(Loss). Non-GAAP Operating Earnings exclude the impact of returns (losses) associated with the Nuclear Decommissioning Trust (NDT), Mark-to-Market (MTM) accounting and material one-time items.

Management uses non-GAAP Operating Earnings in its internal analysis, and in communications with investors and analysts, as a consistent measure for comparing PSEG's financial performance to previous financial results. The presentation of non-GAAP Operating Earnings is intended to complement, and should not be considered an alternative to, the presentation of Net Income/(Loss), which is an indicator of financial performance determined in accordance with GAAP. In addition, non-GAAP Operating Earnings as presented in this release may not be comparable to similarly titled measures used by other companies.

Due to the forward-looking nature of non-GAAP Operating Earnings guidance, PSEG is unable to reconcile these non-GAAP financial measures to the most directly comparable GAAP financial measure. Management is unable to project certain reconciling items, in particular MTM and NDT gains (losses), for future periods due to market volatility.

From time to time, PSEG and PSE&G release important information via postings on their corporate Investor Relations website at <a href="https://investor.pseg.com">https://investor.pseg.com</a>. Investors and other interested parties are encouraged to visit the Investor Relations website to review new postings. You can sign up for automatic email alerts regarding new postings at the bottom of the webpage at <a href="https://investor.pseg.com">https://investor.pseg.com</a> or by navigating to the Email Alerts webpage <a href="https://investor.pseg.com">https://investor.pseg.com</a> or by navigating to the Email Alerts webpage <a href="https://investor.pseg.com">https://investor.pseg.com</a> or by navigating to the Email Alerts webpage <a href="https://investor.pseg.com">https://investor.pseg.com</a> or by navigating to the Email Alerts webpage <a href="https://investor.pseg.com">https://investor.pseg.com</a> or by navigating to the Email Alerts webpage <a href="https://investor.pseg.com">https://investor.pseg.com</a> or by navigating to the Email Alerts webpage <a href="https://investor.pseg.com">https://investor.pseg.com</a> or by navigating to the Email Alerts webpage <a href="https://investor.pseg.com">https://investor.pseg.com</a> or by navigating to the Email Alerts webpage <a href="https://investor.pseg.com">https://investor.pseg.com</a> or by navigating to the Email Alerts webpage <a href="https://investor.pseg.com">https://investor.pseg.com</a> or by navigating to the Email Alerts webpage <a href="https://investor.pseg.com">https://investor.pseg.com</a> or by navigating to the Email Alerts webpage <a href="https://investor.pseg.com">https://investor.pseg.com</a> or by navigating to the Email Alerts webpage <a href="https://investor.pseg.com">https://investor.pseg.com</a> or by navigating to the Email Alerts webpage <a href="https://investor.pseg.com">https://investor.pseg.com</a> or by navigating to the Email Alerts webpage <a href="https://investor.pseg.com">https://investor.pseg.com</a> or by navigating



## **PSEG's Vision:**

To power a future where people use less energy, and it's cleaner, safer and delivered more reliably than ever.



## Continued focus on stability and predictability of our business results

- PSEG 2022-2023: 90% regulated business mix from stable, predictable operations of PSE&G
- PSE&G: Robust capital program of \$15.5B \$18B from 2023 2027, aligned with state clean energy goals at our best-in-class utility
  - Effective cost control to maintain customer affordability
- Long runway of regulated investments supported by policy advocacy paired with effective governance and strong ethics
- Future infrastructure opportunities aligned with New Jersey energy policy
- Growth platform of predictable earnings, dividends and capital spend visibility
  - Multi-year EPS CAGRs driven by continued growth in the utility's investment programs, including obtaining a return "of and on" capital investments that will be recovered in base rate case to be filed by year-end 2023
  - Raised indicative annual 2022 common dividend rate by \$0.12 per share to \$2.16 per share
  - Completed \$500 million share repurchase program in May 2022
- Addressing long-term nuclear opportunity, offshore wind investments and near-term pension headwinds
- PSEG's top-tier ESG scores highlight our leadership in tackling climate change



## **Key PSEG 2022 EEI Messages**

#### **Delivering on our Commitments:**

PSEG has a 17-year track record of meeting or exceeding non-GAAP Operating Earnings guidance

#### **Current Guidance:**

- Narrowed 2022 Operating EPS Guidance to \$3.40 \$3.50 per share
- Reaffirmed 2022 2025 Operating EPS CAGR of 5% 7%

#### **Looking Forward:**

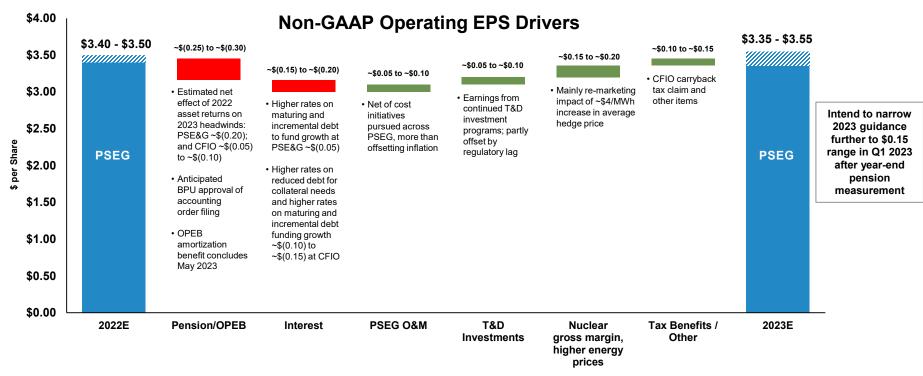
- Initiating 2023 Operating EPS Guidance of \$3.35 \$3.55 per share
  - Estimate of 12/31 pension measurement captured in initial 2023 guidance
  - Core growth, O&M savings and pending initiatives mitigate impact of pension headwinds and higher interest costs
- Establishing 2023 2027 Operating EPS CAGR of 5% 7%
  - PSE&G Rate Base growth and Nuclear at PTC value, with upside for market improvements
- PSE&G Capital Spending plan now \$15.5B \$18B (up \$2B at high-end) from 2023 2027
- PSE&G Rate Base CAGR to 2027 now 6% 7.5%

#### **Enhancing Predictability:**

- PSE&G capital allocation and investment aligned with customer requirements and NJ's energy policy goals
- Nuclear: PTC stabilizes long-term financial profile
- Pension: Multiple actions underway to reduce volatility
- No new equity needed to realize growth through 2027
- Sustainable dividend growth



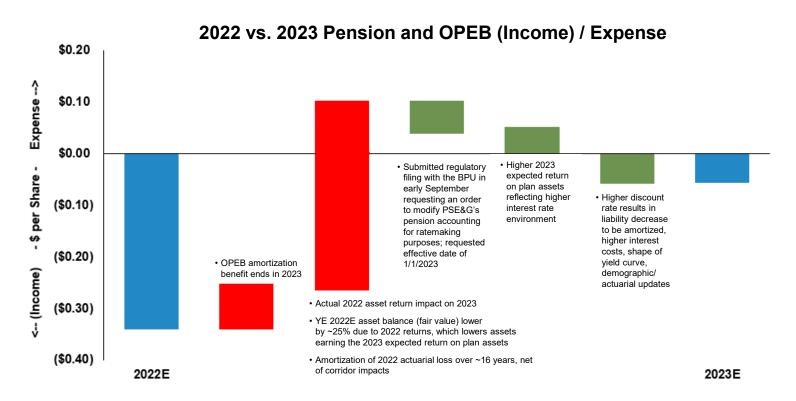
# 2023 Operating Earnings guidance of \$3.35 to \$3.55 per share incorporates expected headwinds and actions to offset



O&M savings, T&D growth and higher hedged energy prices offset pension and interest cost headwinds



# 2023 pension expectations capture 2022 asset returns and the OPEB benefit roll-off, as well as mitigation actions to date



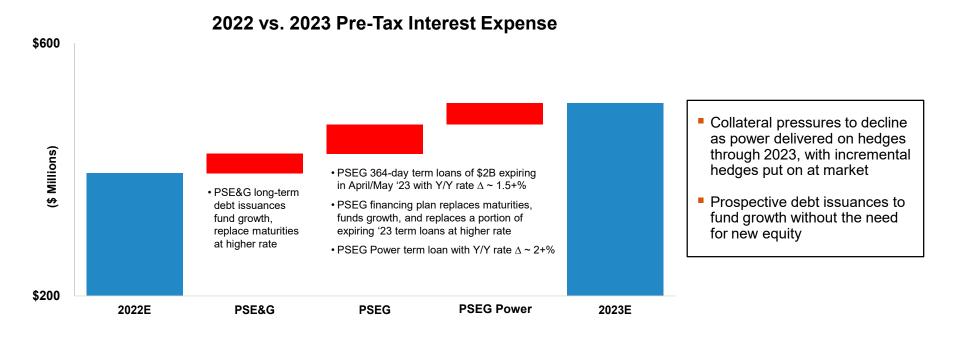


Pension and OPEB (Income) / Expense are net of capitalization, transmission revenues, and Nuclear co-owner recoveries.

<sup>•</sup> In 2018, amendments to OPEB plans resulted in a reduction to the OPEB obligation, which resulted in a credit that will be fully amortized in 2023.

PSE&G represents ~70% of PSEG pension and OPEB costs.

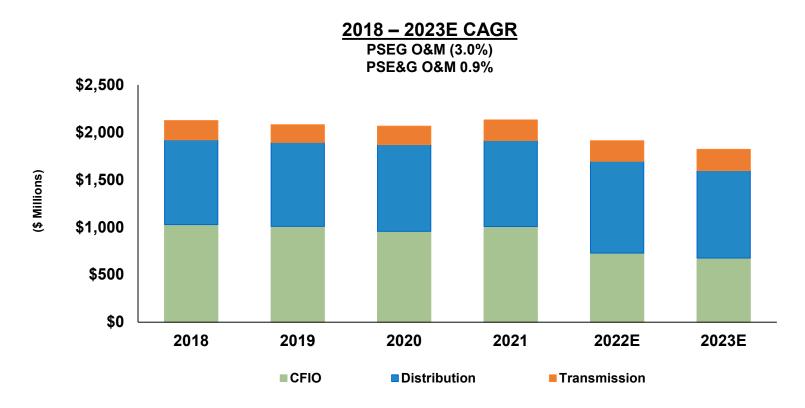
# Interest expense is higher but transmission recovery and the roll-off of collateral on hedges will help dampen 2023 impact





- Non-GAAP interest expense related to financing costs excluding certain items (clause interest, other miscellaneous) contained in GAAP interest expense.
- Includes the impact from recovery of PSE&G interest expense in T&D capital program revenues.
- Financing plan excludes cash flow impact from Ocean Wind 1, pending FID.

# PSEG has extended cost reduction efforts into 2023 to further mitigate the impacts of higher pension and interest costs





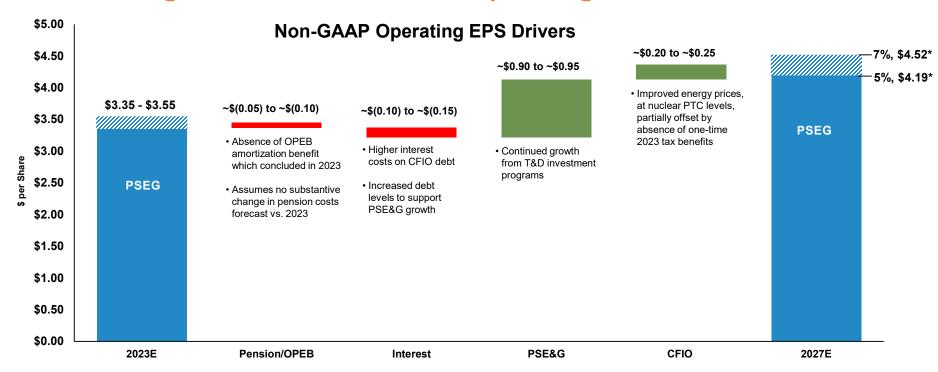
# Significant backlog of base capital awaiting recovery in PSE&G's next distribution rate case supports EPS CAGR to 2025

#### Base Capital Spending Eligible for Distribution Rate Case Recovery Stipulated Base: GSMP/ES/IAP (\$0.5B of Total) Thru 2022 (\$ in billions) 2023 2024 Total Deferred Recovery: CEF-AMI & EV (\$0.6B of Total) Total Approved Base Programs \$0.5 \$0.3 \$0.3 \$1.1 Total Incremental Base in Excess of Depreciation \$1.1 \$0.5 \$2.2 \$0.6 **Base Capital in Excess** of Depreciation: **Total Base Capital Spending** \$1.1 \$1.4 \$0.8 \$3.3 Gas Main\* (\$0.8B of Total) Other (\$1.4B of Total) **Cumulative Total** \$1.1 \$2.5 \$3.3

- PSE&G infrastructure and clean energy investment programs benefit from clause-based recovery but also include base spend awaiting recovery in upcoming rate case
- PSE&G will begin to recover a return "of and on" ~\$3.3B of capital when new rates go into effect, representing an ~\$0.30 per share benefit in 2025

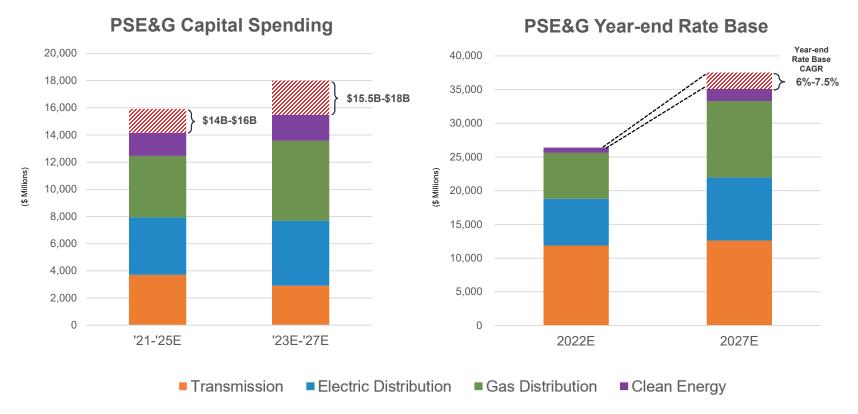


# Establishing 2023–2027 non-GAAP Operating EPS CAGR of 5%–7%



PSE&G's continued investment and the energy price rebound from 2022 lows, enhanced by PTC stability, are the main drivers of growth over the period

# PSE&G's updated five-year spending is ~\$1.5B to \$2B higher, maintaining consistent rate base growth on a higher starting point





# PSE&G's Infrastructure Advancement Program: 4-year investment begins proactive work on "Last Mile" reliability

Investment	Total	Description
Electric Distribution – Inside Plant	~\$205M	Replace 1960s-era 4kV switchgear with modern equipment at five stations and replace oil-filled circuit breakers with ${\rm SF_6}$ circuit breakers
Electric Distribution – Outside Plant Improve Performance ("Last Mile")	~\$125M	Replace underground cable and overhead wire on poorest performing circuits as well as associated equipment (padmount transformers and modernized wire spacer)
Electric Distribution – Outside Plant Enable Load Growth & EV adoption ("Last Mile")	~\$95M	Replace old open wire secondary with current standard cable and upgrade 25kVA transformers to 50kVA transformers; replace overhead capacitor banks with "smart controllers" to allow for improved circuit voltage regulation
Gas Distribution – M&R Station Modernization	~\$85M	Modernize four existing stations with equipment to enhance reliability, reduce potential methane emissions, and enhance physical security
Program Total	~\$511M	



# Inflation Reduction Act (IRA) of 2022 establishes a nuclear power production tax credit, expands incentives and promotes carbon-free generation

IRA 2022 Provisions	
New Federal Energy Tax Credit Provisions	Enacts a nuclear power production tax credit (PTC) for existing generation  V PSEG qualifies for the initial PTC of up to \$15/MWh subject to adjustment based on gross receipts  Initial PTC and cap of ~\$44/MWh are subject to annual inflation adjustments  Seeking U.S. Treasury clarification on gross receipts definition (on which the phase out is based)  Equalizes the PTC rate for offshore wind with the 30% ITC rate  Improves tax credit monetization with transferability and expands carryback period from one to three years  Provides energy efficiency and electric vehicle rebates for PSE&G residential and business customers
Corporate Minimum Tax	We are continuing to analyze the impact of the corporate minimum tax on our businesses including additional future guidance that U.S. Treasury is expected to issue. We anticipate that the sale of our fossil portfolio could mitigate near-term applicability of the minimum tax. The impact to state income tax is unknown at this point.



# **EEI Meeting Takeaways**



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# **Appendix**

## **PSEG 2022 and 2023 Guidance by Business**

**Non-GAAP Operating Earnings Guidance** 

\$ millions (except EPS)	Current 2022E Guidance	Initial 2023E Guidance
PSE&G	\$1,545 - \$1,575	\$1,490 - \$1,540
CFIO	\$160 - \$180	\$185 - \$235
Operating Earnings (non-GAAP)	\$1,705 - \$1,755	\$1,675 - \$1,775
Operating EPS (non-GAAP)	\$3.40 - \$3.50	\$3.35 - \$3.55

PSE&G continues to represent nearly 90% of PSEG's non-GAAP Operating Earnings



## **PSEG** maintains a solid financial position

PSEG			
PSEG Senior Unsecured Credit Ratings  Moody's = Baa2 / Outlook = Stable S&P = BBB / Outlook = Stable			
PSEG 364-Day Term Loan Outstanding as of 9/30/2022 (1,2)	\$2.0B		
PSEG Long-term Debt Outstanding as of 9/30/2022	\$4.1B		
PSEG Consolidated Debt to Capitalization as of 9/30/2022	60%		
PSEG Power Issuer Credit Ratings  Moody's = Baa2 / Outlook = Stable S&P = BBB / Outlook = Stable			
PSEG Power Long-term Debt Outstanding as of 9/30/2022 (2)	\$1.3B		

#### **PSEG Liquidity and Net Cash Collateral Postings**

- PSEG had approximately \$3.4B of available liquidity plus cash and short-term investments of \$0.4B (inclusive of \$0.3B at PSE&G) at 9/30/2022
- PSEG Power had net cash collateral postings of \$2.2B at 9/30/2022 (net cash collateral postings were \$1.7B at 10/28/2022) primarily related to out-of-the-money hedge positions resulting from higher energy prices

#### **Public Service Electric & Gas**

#### **PSE&G Senior Secured Credit Ratings**

Moody's = A1 / Outlook = Stable S&P = A / Outlook = Stable

PSE&G Long-term Debt Outstanding as of 9/30/2022 \$12.3B

#### **PSEG Long-Term Debt Maturity Profile through 2027**



### **Financing Activity subsequent to September 30, 2022:**

Issuances: PSEG 5.85% Sr. Notes due 11/15/2027	\$0.7B
Maturities: PSEG 2.65% Sr. Notes due 11/15/2022	\$0.7B



# Pension is measured annually, at year-end, in determining pension impact for the following year

(\$ Millions)	2021	2020
Discount Rate	2.94%	2.61%
Expected Rate of Return on Plan Assets (EROA)	7.7%	7.7%
Fair Value of Plan Assets at Beginning of Year	\$6,368	\$5,929
Actual Return on Plan Assets	\$886	\$761
Fair Value of Plan Assets at Year-End	\$6,906	\$6,368
Benefit Obligation at Year-End	\$7,240	\$7,507
Funded Status at Year-End	95%	85%
Net Actuarial Loss at Year-End	\$1,643	\$2,354

- PSEG does not "smooth" the year-end asset value, instead, we will apply our EROA assumption (7.2% for 2022) to the Fair Value of Plan Assets at year-end in determining pension impact for the following year
  - PSEG's long-standing methodology is deemed to be preferable by accounting standards
- PSEG also calculates the difference between the Expected and Actual Rate of Return on Plan Assets, which contributes to determining Net Actuarial Gain/Loss
  - ➤ If the current year amount, in conjunction with existing Net Actuarial Gain/Loss, exceeds 10% of the greater of our Benefit Obligation or the Fair Value of Plan Assets (corridor), we amortize that over ~16 years
- As of 12/31/2021, PSEG had funded ~95% of its pension Benefit Obligation; Based on IRS minimum funding requirements, no cash contributions are anticipated for the next few years

Actively pursuing initiatives to reduce variability and mitigate potential near-term headwinds, including a recent filing at the BPU

# Q3 Year-to-Date 2022 Generation Measures & Hedge Update

Nuclear Generation Measures	Nine Months ended September 30		Year ended December 31
	2022	2021	2021
Capacity Factor	94.3%	93.0%	91.9%
Fuel Cost (\$ millions)	\$141	\$143	\$188
Generation (GWh)	23,931	23,596	31,158
Fuel Cost (\$/MWh)	\$5.89	\$6.06	\$6.03

2021 Nuclear Refueling Completed:	Spring – HC	Fall – S2, PB3
2022 Nuclear Refueling Completed:	Spring – S1	Fall – HC, PB2
2023 Nuclear Refueling Schedule:	Spring – S2	Fall – S1, PB3

Carbon-Free Contracted Energy Sales*			
	Oct – Dec 2022E	2023E	2024E
Fuel	Nuclear	Nuclear	Nuclear
Volume TWh	7	30 - 32	29 - 31
% Hedged	95-100%	95-100%	55-60%
Price \$/MWh	\$27	\$30	\$32

<sup>\*</sup> Numbers reflect management's view of hedge percentages and prices as of September 30, 2022. Prices for 2022 and 2023 reflect revenues of full requirement load deals based on contract price including renewable energy credits and ancillary, but excluding capacity and transmission components. Price for 2024 reflects energy revenues only. Hedge includes positions with MTM accounting treatment and options.

#### **Other 2022 Financial Considerations**

• Capacity Revenue for 2022: ~\$150 million

<b>Delivery Year</b>	PSEG's Average Prices (\$/MW-Day)	PSEG's Cleared Capacity (MW)
2021/2022	\$142	3,700
2022/2023	\$97	3,300
2023/2024	\$49	3,700

- New Jersey Zero Emissions Certificates ~\$200 million/year through May 2025
- Q3 Year-to-Date 2022 Generation Gross Margin \$27.82/MWh
- Planned **Nuclear Capital Spending** (excluding fuel) is < \$150 million for 2022





# **Glossary of Terms**

AFUDC Allowance for Funds Used During Construction

AMI Automated Metering Infrastructure
ARO Asset Retirement Obligations
BPU New Jersey Board of Public Utilities
CAGR Compound Annual Growth Rate

CEF Clean Energy Future
CEF-EC Energy Cloud

CEF-EE Energy Efficiency CEF-EV Electric Vehicle

CFIO Carbon-Free, Infrastructure & Other CWIP Construction Work in Progress DEI Diversity, Equity and Inclusion

E Estimate

EEI Edison Electric Institute EPS Earnings Per Share

EROA Estimated Rate of Return on Plan Assets
ESG Environmental, Social and Governance

FID Financial Investment Decision

GAAP Generally Accepted Accounting Principles in the U.S.

GSMP Gas System Modernization Program IAP Infrastructure Advancement Program

IRA Inflation Reduction Act
ITC Investment Tax Credit

LTD Long-Term Debt
M&R Metering and Regulating

M&R Metering and Regulating MTM Mark-to-Market

O&M Operations and Maintenance OPEB Other Post-Employment Benefits

PTC Production Tax Credit
SF<sub>6</sub> Sulfur Hexafluoride

T&D Transmission and Distribution

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