PSEG

PSEG Investor Update

Leading toward a sustainable future

December 2023



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 are often presented with the forward-looking statements themselves. Other factors that could 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 our nuclear 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 or other acts of violence, sabotage, physical attacks or security breaches, cyberattacks 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;
- a material shift away from natural gas toward increased electrification and a reduction in the use of natural gas;
- 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 and credit agreements on our business;
- adverse performance of our defined benefit plan trust funds and Nuclear Decommissioning Trust Fund and increases in funding requirements and pension costs;
- fluctuations in, or third party default risk 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;
- changes in technology related to energy generation, distribution and consumption and changes in customer usage patterns;
- third-party credit risk relating to and purchase of nuclear fuel;
- any inability to meet our commitments under forward sale obligations and Regional Transmission Organization rules;
- 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 siting approvals; 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 made in this presentation apply only as of the date of this presentation. While we may elect to update 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 gains (losses) associated with the Nuclear Decommissioning Trust (NDT), Mark-to-Market (MTM) accounting and material one-time items. The last two slides in this presentation (Slides A and B) include a list of items excluded from Net Income/(Loss) to reconcile to non-GAAP Operating Earnings.

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.

PSEG also includes forward-looking estimates of non-GAAP Operating Earnings, non-GAAP Earnings Before Interest, Tax, Depreciation and Amortization (EBITDA) and non-GAAP Funds From Operations (FFO), including the non-GAAP ratio FFO/Debt, in this presentation. Non-GAAP EBITDA excludes the same items as our non-GAAP Operating Earnings measure, as well as income tax expense (except for production tax credits (PTCs)), interest expense and depreciation and amortization. Non-GAAP FFO reflects cash from operations excluding working capital and adjusts for certain items including taxes on asset sales, cost of removal and energy efficiency investments. Non-GAAP Debt consists of long-term debt, short-term debt and other imputed debt primarily related to an unfunded pension obligation. Non-GAAP EBITDA and non-GAAP FFO, as referenced in this presentation, may not be comparable to similarly titled measures used by other companies.

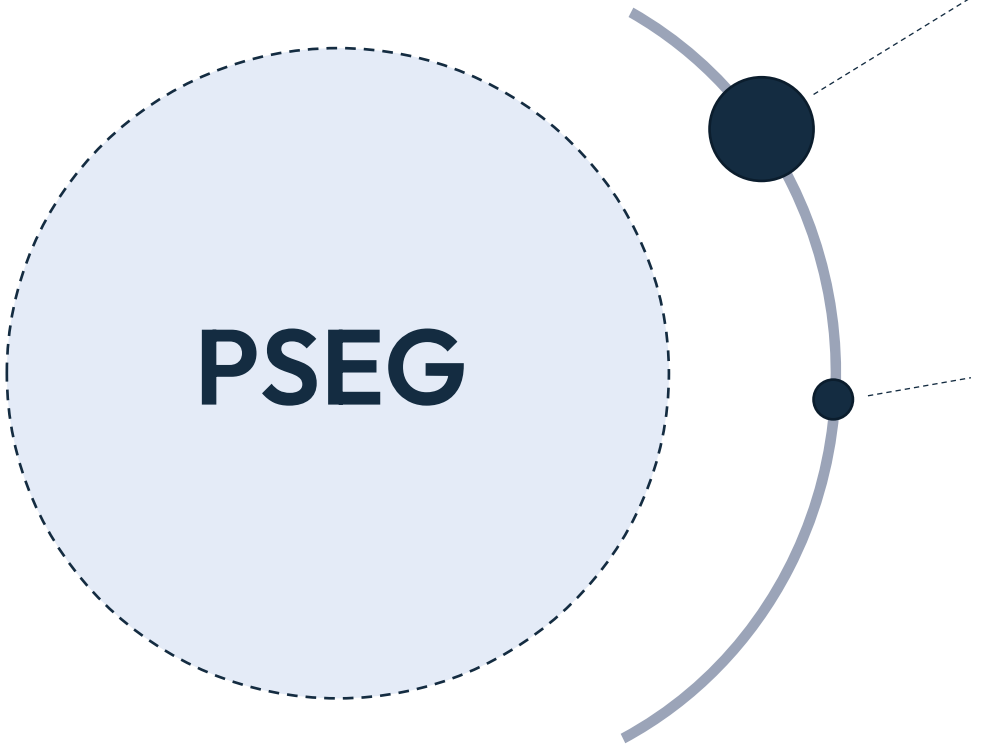
Given the forward-looking nature of non-GAAP Operating Earnings, non-GAAP Adjusted EBITDA and non-GAAP FFO estimates and our inability to project certain reconciling items that would be excluded from the most directly comparable GAAP measures – such as MTM and NDT gains (losses), with respect non-GAAP Operating Earnings and non-GAAP EBITDA; working capital (including accounts receivable/payable, cash collateral), adjustments to Net Income (including changes in regulatory assets/liabilities, deferred taxes) with respect to non-GAAP FFO and non-GAAP debt and imputed debt (including unfunded pension obligation) with respect to non-GAAP debt - due to the volatility, complexity and low visibility of these items, PSEG is unable to reconcile these non-GAAP financial measures to the most directly comparable GAAP financial measure. These items are uncertain, depend on various factors, and may have a material impact on our future GAAP results. Guidance included herein is as of October 31, 2023.

From time to time, PSEG and PSE&G release important information via postings on their corporate Investor Relations website at https://investor.pseg.com. 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 https://investor.pseg.com or by navigating to the Email Alerts webpage here. The information on https://investor.pseg.com and https://investor.pseg.com/resources/email-alerts/default.aspx is not incorporated herein and is not part of this communication.

PSEG

Public Service Enterprise Group

PSEG 2023: Increased Strategic Clarity



PSE&G

- **Regulated Operations Represent ~85%-90% of PSEG's non-GAAP Operating Earnings Over Next 5 Years**
  NJ's Largest T&D Utility:
  2.3 Million Electric and
  1.9 Million Gas Customers

PSEG Power & Other*

- **PSEG Will Retain Nuclear Fleet**
  Production Tax Credit makes PSEG Nuclear's cash flows more predictable and provides downside price protection
- **Exited Offshore Wind Generation, Streamlining Business and Eliminating Project Risk**

** PSEG Power & Other includes PSEG Nuclear, Gas Operations, PSEG Long Island, Offshore wind lease area and potential transmission investments, potential hydrogen investments, Parent and other.*

PSEG's Powering Progress Vision: Powering a future where people use less energy, and it's cleaner, safer and delivered more reliably than ever

- **Operational Excellence:** Best-in-class utility and strong nuclear performance
- **Financial Strength:** Solid balance sheet to fund our growth objectives
  - No new equity required to support 5-year capital plan
  - Solid investment grade ratings supported by credit metrics that allow for incremental investment
  - PTC provides long-term certainty and downside price protection for Nuclear
  - Cost control supports customer affordability with one of the lowest gas bills and below average electric bills vs. regional peers
- **Disciplined Investment:** >90% of capital allocation to PSE&G, aligned with clean energy policies
  - Investments to modernize utility infrastructure – Energy Strong, "Last Mile" reliability, GSMP
  - Investments to support decarbonization – Energy Efficiency, EV, AMI, Solar and other

…which produces a strong business mix and platform for predictable growth

PSEG Financial Outlook:
More Predictability from an Improved Business Profile

Well Positioned for the Future

Exited Merchant Fossil Generation	✓ Eliminates market price volatility on earnings, proceeds used to pay down debt, and return capital to shareholders
Exited Offshore Wind Generation	✓ Completed sale of 25% equity stake in Ocean Wind 1, recouping full investment ✓ Evaluating options to monetize our 50% stake in Garden State Offshore Energy acreage
Decision to Retain Nuclear Assets	✓ PTC provides downside price protection through 2032 ✓ Enhances PSEG Power & Other cash flow visibility and predictability
Progress on Reducing Pension Variability	✓ BPU pension accounting order helps reduce volatility in PSE&G earnings ✓ Recent “lift-out” of ~$1 billion of PSEG Power & Other pension obligations
PSE&G Transmission Formula Rate	✓ Provides timely recovery of capital investments
PSE&G Conservation Incentive Program	✓ Decoupling of volumes from revenues supportive of widespread adoption of EE investments
PSE&G’s Robust Capital Program	✓ Long-term visibility from infrastructure replacement and support of NJ’s decarbonization efforts
PSEG Financial Strength	✓ Solid balance sheet enables funding of 5-year capital investment program without new equity
PSEG Compelling Risk-Adjusted Return Opportunity	✓ Continued opportunity for consistent and sustainable dividend growth ✓ Supports our long-term earnings growth outlook of 5%-7% through 2027

PSEG 2023: Growth Opportunities Aligned with Clean Energy Policies

Significant events (i.e., the Northeast Blackout of 2003 and Superstorm Sandy) have driven policy changes and led to investment opportunities

Future investment will address growing demand for electrification and need for an even more reliable grid, all aligned with New Jersey and federal energy policies

Key State Policies

- BPU issued 2nd triennium Energy Efficiency framework
- NJ Executive Orders Advance 100% Clean Energy by 2035 (#315), Prioritizes Electrification of Building Sector (#316), and Initiates Stakeholder Proceeding on Future of Natural Gas Utilities (#317)
- BPU Order for Energy Efficiency Adoption (2020)
- NJ Energy Master Plan (2020)
- NJ Clean Energy Act (2018)
- NJ Zero Emissions Certificate Law (2018)

Key Federal Policies

- Inflation Reduction Act (2022)
- Infrastructure Investment and Jobs Act (2021)
- PIPES Act (2020) Supports Replacement of Aged Gas Pipeline Infrastructure

PSEG Opportunities

- "Last Mile" distribution system investments increase reliability and prepare for electrification
- GSMP targets methane leaks and infrastructure replacement
- EE programs reduce usage, emissions and customer bills
- EV programs address the #1 source of emissions in NJ
- PTC helps preserve NJ nuclear units; offers opportunities to invest in uprates, fuel-cycle extension and license extension; incremental opportunities in hydrogen
- Investment upside from NJ Governor's Executive Orders

PSEG 2023: Key Assets and Leadership

PSE&G – Best-in-Class Regulated Electric & Gas T&D Utility

- Top decile safety performance
- Recipient of PA Consulting 2023 ReliabilityOne® Award for Outstanding Reliability Performance in the Mid-Atlantic Metropolitan Service Area for 22 consecutive years
- #1 in Customer Satisfaction with both Residential Electric and Natural Gas Service in the East among Large Utilities by J.D. Power in 2022*
- #1 in Customer Satisfaction with Business Electric Service in the East among Large Utilities by J.D. Power in 2023**
- Robust pipeline of regulated investment opportunities
- Affordability as evidenced by below average residential electric bills in the region and among the lowest residential gas customer bills in region
- EEI Edison Award for our industry-leading efforts to protect NJ communities and customers from extreme weather conditions
- Award-winning Solar, Energy Efficiency, and EV programs

PSEG Power & Other

- Solid nuclear operations with exemplary ratings on all units, gas supply operations benefiting PSE&G customers, and PSEG Long Island
- Nuclear fleet consisting of 3,766 MW carbon-free, base load assets with a PTC stabilized revenue stream and opportunities for low-cost uprates and other enhancements
- Supporting revenues from Gas Operations, PSEG Long Island, and other investments offset by Parent interest

PSEG's Workforce of 12,500 Engaged Associates Led by an Experienced Management Team with Continuity

- CEO, CFO, GC, Presidents of PSE&G and PSEG Nuclear have an average of > 25 years of service with PSEG in a variety of roles
- Strong union partnerships with our six unions and the ~7,700 employees they represent:
  - Reached new four-year labor agreements in Q2 2023 with all of our unions representing employees in New Jersey
  - PSEG Long Island reached four-year labor agreement through November 13, 2027

** 2023 residential results pending. PSE&G received the highest score in the East Large segment of the J.D. Power 2022 U.S. Electric Utility Residential Customer Satisfaction Study of customers' satisfaction with electric utility residential services and the J.D. Power 2022 U.S. Gas Utility Residential Customer Satisfaction Study of customers' satisfaction nationally among gas residential customers. Visit jdpower.com\awards for more details.*

*** PSE&G received the highest score in a tie in the East Large segment of the J.D. Power 2023 U.S. Electric Utility Business Customer Satisfaction Study of electric utility satisfaction among business customers. Visit jdpower.com\awards for more details.*

PSEG 2023: Financial Strength to Achieve Strategic Plan

Long-Term Growth Outlook of 5%-7% for 2023-2027

- Primary contributor is PSE&G's 5%-7% Net Income growth rate over this 5-year period
- Nuclear revenues at PTC threshold level offer stability that supports long-term growth outlook
- Addresses cost updates to pension, interest and inflation

Robust Utility Capital Investment Plan updated to $16B-$18.5B for 2023-2027

- Continuation of current investments focused on system modernization, "Last Mile" reliability and clean energy programs
- Long runway of system infrastructure investments, decarbonization and electrification opportunities

Solid Balance Sheet

- Supports 5-year capital plan with no new equity or required asset sales, and potential for incremental investments
- Solid investment grade credit ratings with improved business mix

2023 Indicative Shareholder Dividend Increased by 5.6% over 2022*

- Opportunity for consistent, sustainable growth

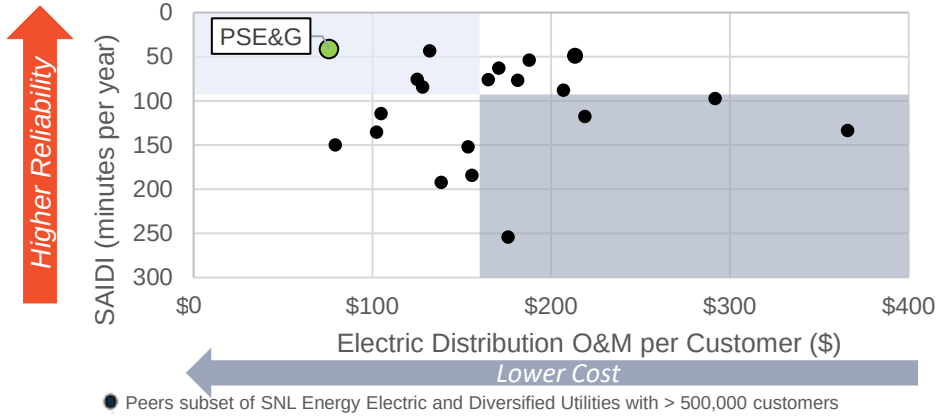
Compelling Growth Profile of PSE&G, Complemented by PSEG Power & Other's Nuclear PTC Enhanced Outlook

**All future decisions and declarations regarding dividends on the common stock are subject to approval by the Board of Directors.*

PSEG Provides Compelling Value for Our Customers

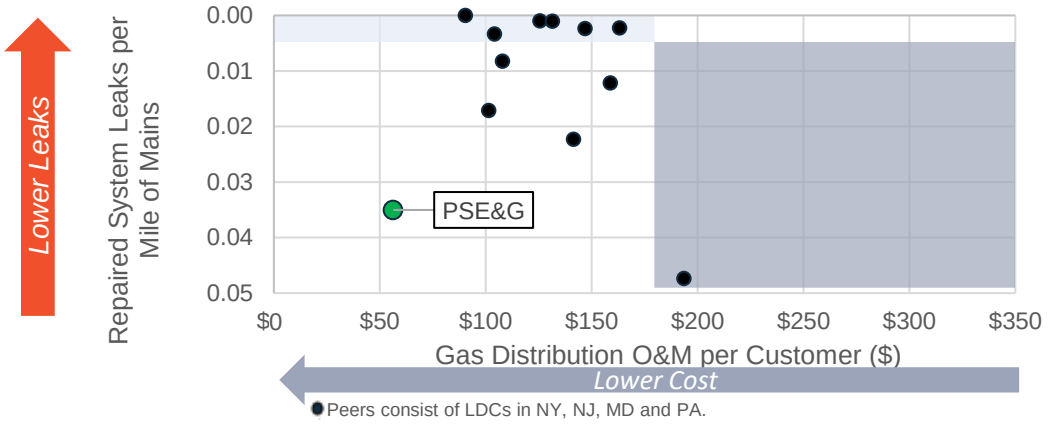
We continuously target top quartile performance to deliver better service, at lower cost

Delivering Highest Customer Reliability at Lowest Cost: Achieving low SAIDI outage scores with Lowest Distribution O&M spend



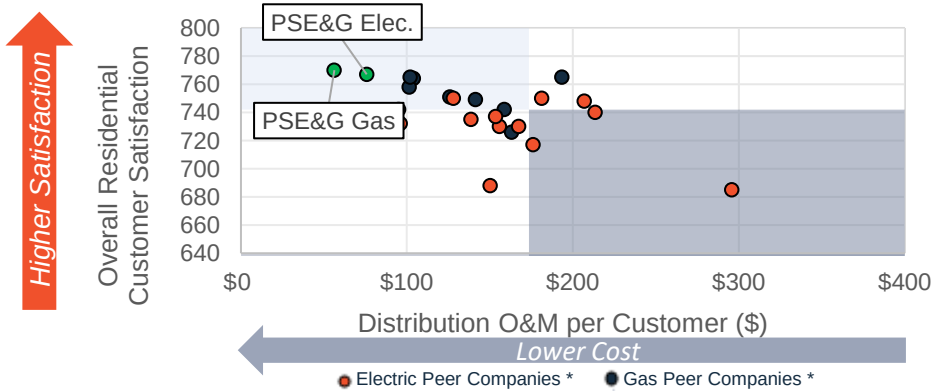
Peers subset of SNL Energy Electric and Diversified Utilities with > 500,000 customers

Lowest Cost, but More Leaks/Mile than Peers: Age of cast iron system drives need for GSMP program



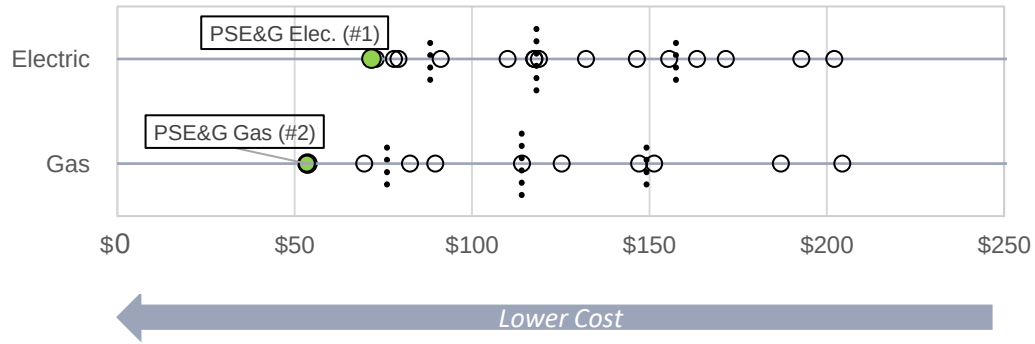
Peers consist of LDCs in NY, NJ, MD and PA.

Achieving Highest Customer Satisfaction at Lowest Cost: For Overall Residential Customer Satisfaction



Electric Peer Companies * Gas Peer Companies *

Lowest A&G Cost/Customer vs. Peers

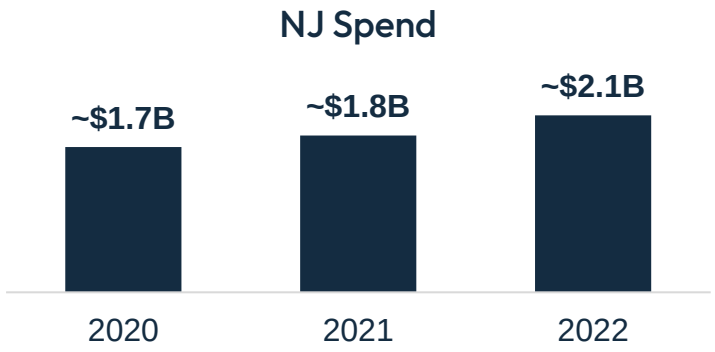


Electric Peers subset of SNL Energy Electric and Diversified Utilities with > 500,000 customers operating in CT, DE, MD, NY, NJ or PA
Gas Peers LDCs operating in CT, MD, NJ, NY or PA with > 500,000 customers.

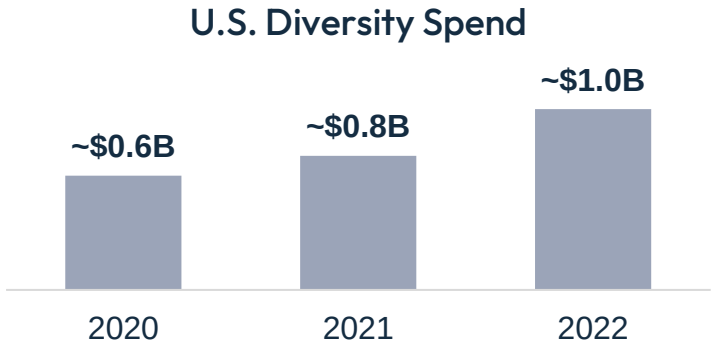
* Peers and Overall Residential Customer Satisfaction from the East Large segment of the J.D. Power 2022 U.S. Electric Utility Residential Customer Satisfaction Study of customers' satisfaction with electric utility residential services and the J.D. Power 2022 U.S. Gas Utility Residential Customer Satisfaction of customers' satisfaction with natural gas residential services. Excludes PSEG Long Island for Electric and Eversource Energy and National Grid for Gas.

*Note: Data and analytics for O&M and A&G **Co**st provided by S&P Global Market Intelligence. Leaks/Mile from PHMSA annual data. Data from 2022.*

PSEG Provides a Compelling Value for Our Communities



Substantial investment in NJ economy



Continued growth in spending with diverse businesses

Corporate Citizenship & Economic Development

- **Recognized as One of America's Most Responsible Companies** *(Newsweek 2023)*
- **Choose NJ –** Chair of leading NJ economic development group
- **Clean Energy Jobs Program –** Ahead of schedule with ~2,400 hires (1) with a focus on diversity, equity and inclusion, in collaboration with NJ's Council on the Green Economy
- **PSEG's Corporate Citizenship** priorities of environmental sustainability, social justice and equity focus on creating a positive impact on the communities we serve
- **With over $10M funded annually, the PSEG Foundation and Corporate Social Responsibility** support a framework of social value through strategic partnerships and activities, charitable giving as well as in-kind donations, and a robust employee-giving program
- **Over 6,000 employees volunteered over 30,000 hours** with hundreds of local organizations in 2022, including >80% of executives serving on boards of 59 non-profit organizations
- **Offshore Wind Port –** Provided land as well as development and permitting support

(1) As of September 30, 2023

PSEG Provides a Compelling Value for the Environment

Environmental Targets

- Carbon-free generation and net-zero for operations (Scope 1 and 2 emissions) by 2030
- Methane emissions – 22% reduction from 2018 through GSMP
- Energy Efficiency – PSE&G on path to achieve EE savings targets established by the BPU
- Electrifying transportation – Clean Energy Future–EV and the IAP focus on make-ready investments; targeting PSE&G fleet transition to electric by 2030
- PSEG's submission to the Science Based Targets initiative encompasses Scopes 1, 2 and 3 emissions; our submission is under review as part of SBTi's validation process



Half of our 5-year capital spending plans address greenhouse gas emission reductions, climate and storm adaptation, preparing the grid for clean energy transition and electrifying transportation

Dow Jones Sustainability North America Index – 15th year in a row

Carbon-Free Generation

- Preserved New Jersey's carbon-free, base load nuclear generation resource
- Retired coal generation
- Sold PSEG Fossil generating assets including Kalaeloa

PSEG Sustainability and ESG Summary

PSEG Leadership

- PSE&G's Clean Energy Future programs approved to invest ~$2B to decarbonize the NJ economy via Energy Efficiency, EV infrastructure, and AMI
- Accelerated PSEG's climate vision for Net Zero GHG emissions to 2030 for Scopes 1 & 2
- PSEG submitted proposed emissions reduction targets to the Science Based Targets initiative
- PSEG generating fleet is a Top 10 U.S. producer of carbon-free energy and is carbon-free
- ~$1B of regulated solar investments
- PSE&G has issued $1.4 billion of Green Bonds and PSEG sub-limit of master credit facility includes sustainability-linked pricing mechanism
- Link to PSEG's 2023 Sustainability Report*

Policies & Goals

- PSEG is a vocal advocate for an economy-wide price on carbon and preservation of our existing carbon-free nuclear generating fleet
- Committed to rigorous oversight of political contributions and transparency in disclosure
- PSEG oversight of sustainability and climate initiatives by Board of Directors' Governance, Nominating and Sustainability Committee
- Human Rights Policy
- LGBTQ+ Inclusion Pledge
- PSEG's business strategy is aligned with many of the United Nations' Sustainable Development Goals

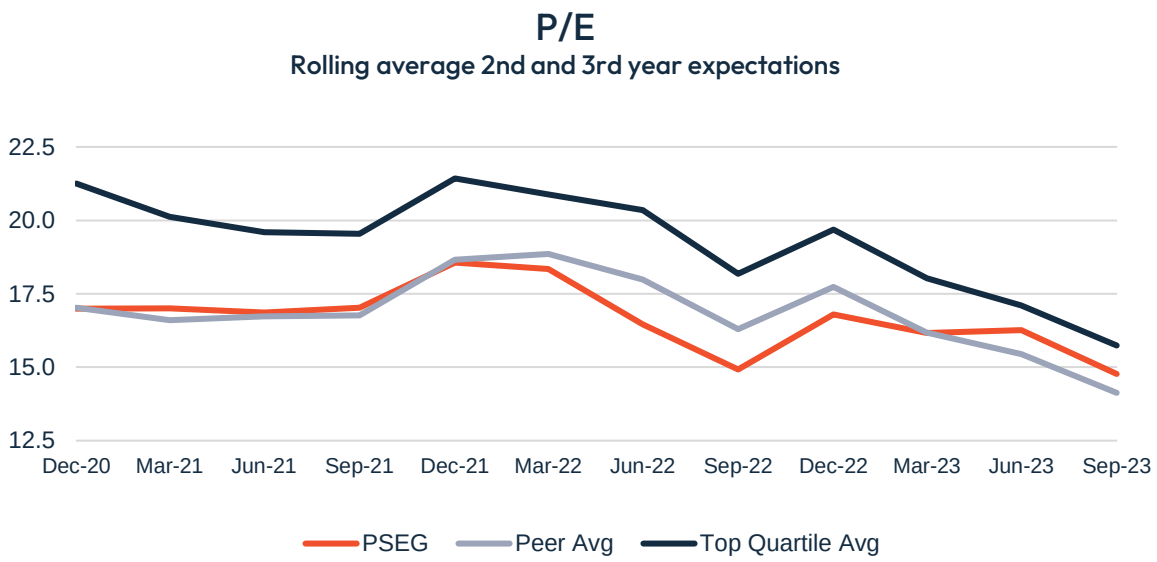
Recognition & Memberships

- Named to Forbes List for America's Best Employers for Diversity for 2023
- Named to JUST Capital's 2023 list of America's 100 Most JUST Companies
- MSCI rates PSEG at AAA, its highest corporate ESG rating
- PSE&G received the PA Consulting ReliabilityOne® Award for Outstanding Reliability Performance in the Mid-Atlantic Metropolitan Service Area for 22nd consecutive year and the 2023 ReliabilityOne® Outstanding Customer Engagement Award
- PSEG named to 2023 CPA-Zicklin Index "Trendsetters" with a score of 90 out of a possible 100 for Corporate Political Disclosure practices and Accountability
- Named to the Dow Jones Sustainability North America Index for 15 years in a row

RACE TO ZERO · BUSINESS AMBITION FOR 1.5°C · Ceres · JUST PROUD TO BE ONE OF AMERICA'S MOST JUST COMPANIES · C2ES CENTER FOR CLIMATE AND ENERGY SOLUTIONS · CEO ACTION FOR DIVERSITY & INCLUSION · TCFD TASK FORCE ON CLIMATE-RELATED FINANCIAL DISCLOSURES

** The 2023 Sustainability Report should not be deemed incorporated into or part of these slides.*
Scope 1 are direct emissions from power generation, vehicle fleets and methane, SF_6 and refrigerant leaks; Scope 2 are indirect emissions from operations from purchased energy of electric and gas and line losses; Scope 3 are indirect emissions from our value chain.

PSEG Provides a Compelling Value for Our Investors



Investment Proposition	Return Opportunity
EPS Growth Rate Outlook 2023E-2027E	5% – 7%
Dividend Yield	3% – 4%
Total Potential Shareholder Return	8% – 11%

Opportunity for Multiple Expansion to Further Enhance Return Opportunity

We intend to continue improving our relative valuation through a better business mix and visible earnings growth:

- Regulated investment opportunities in decarbonization of NJ economy and electrification of transportation and buildings
- Broader opportunities in transmission due to recent DOE study and PJM fast track proceeding
- Unique asset class of carbon-free baseload nuclear fleet with PTC stabilized price beginning in 2024
- De-risked long-term growth outlook from visible, LT investments

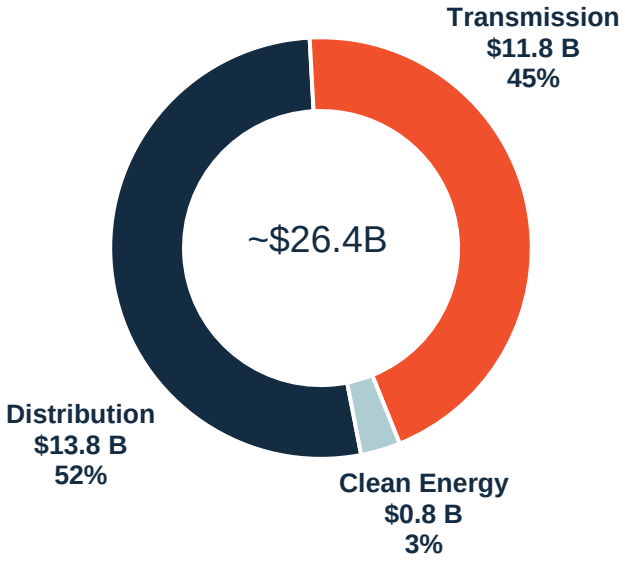
Public Service Electric & Gas

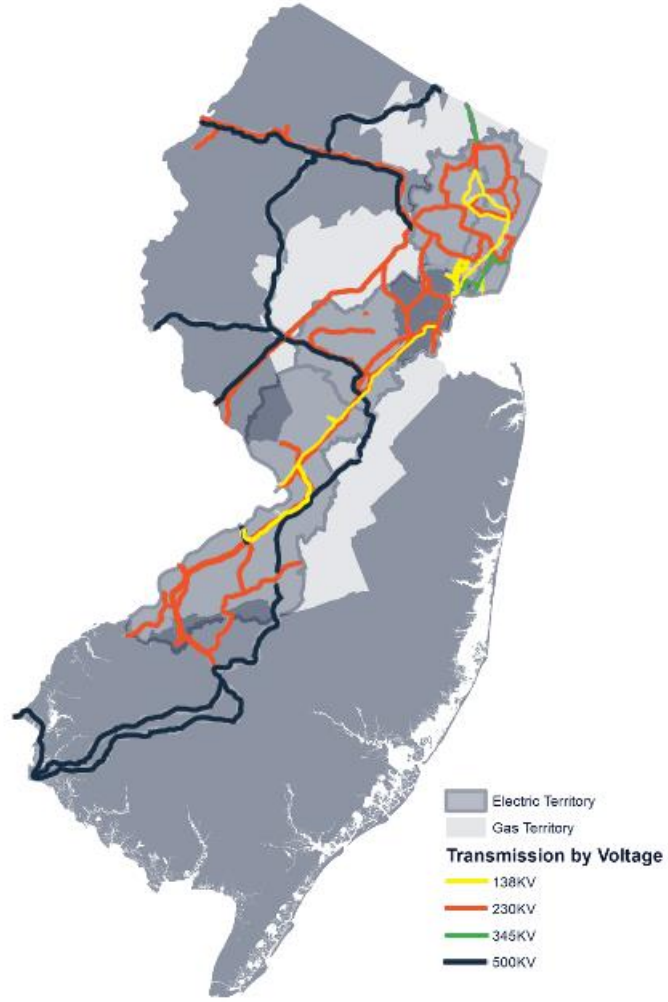
PSE&G – A Single State, Dual Jurisdiction Utility

- Electric and Gas Distribution
- Utility Provider of Energy Efficiency and Renewable Energy Programs
- Electric Transmission
- Appliance Service Provider

As of YE 2022	Electric	Gas
Total Customers	2.3 Million	1.9 Million
5-YR Annual Growth*	0.9%	0.7%
Total Sales	40,816 GWh	2,567M Therms**
Sales Mix		
Residential	34%	59%
Commercial	57%	37%
Industrial	9%	4%

PSE&G YE 2022 Rate Base***

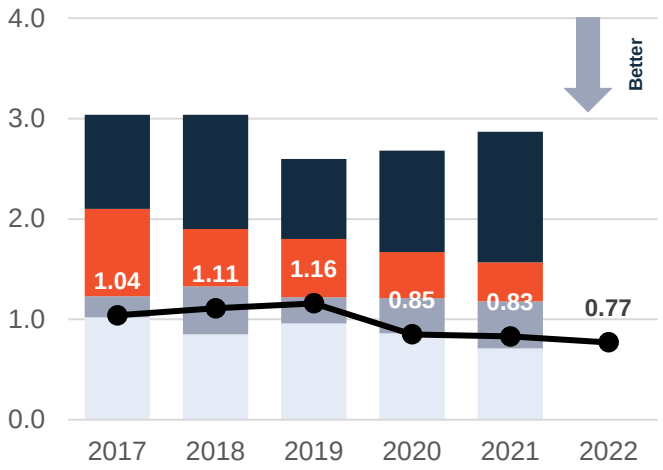




*Annual customer growth uses 2017 as base year.
**Gas Firm sales only.
*** Excludes CWIP. Year-end CWIP 2022 balance was ~$1.3B.

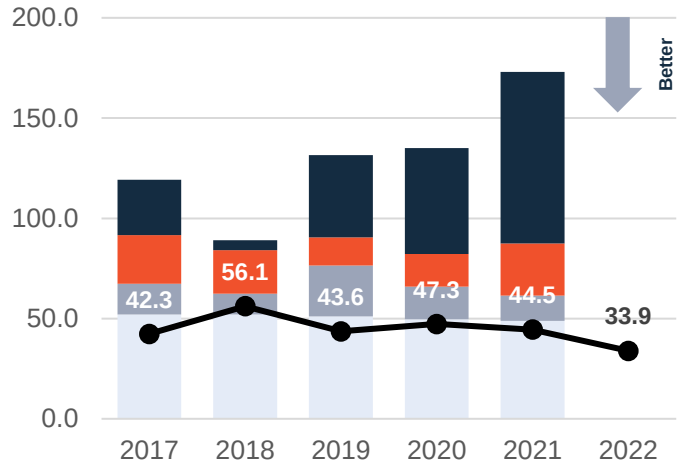
Top-Tier Safety and Reliability Performance Metrics Driven by Nonstop Focus on Continuous Improvement

OSHA Recordable Incidence Rate



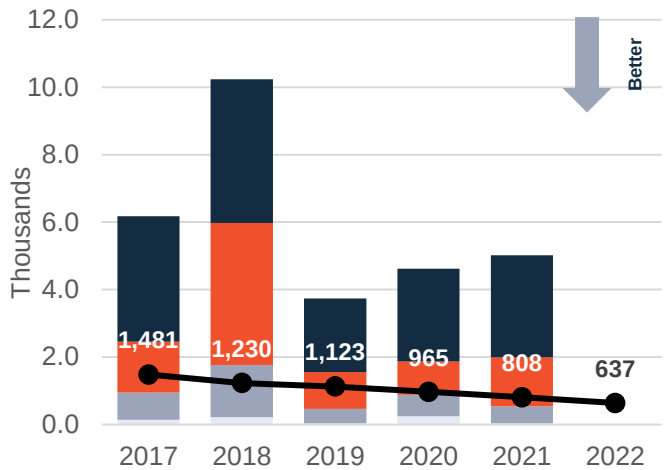
Top decile performance in OSHA recordable incidence

SAIDI



Sustained top decile performance in electric reliability results

Open Leaks

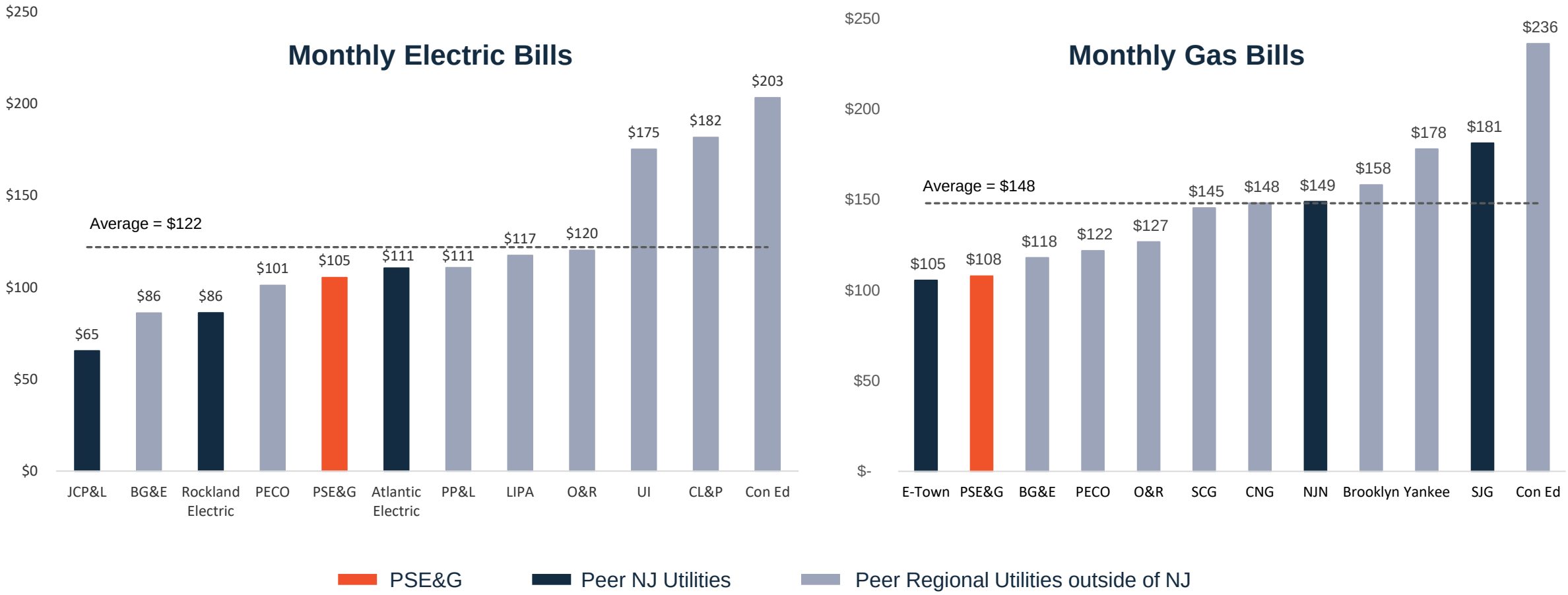


Open year-end gas leaks reduced by 57% from 2017

Top Decile | 1st Quartile | 2nd Quartile | 3rd Quartile | PSE&G

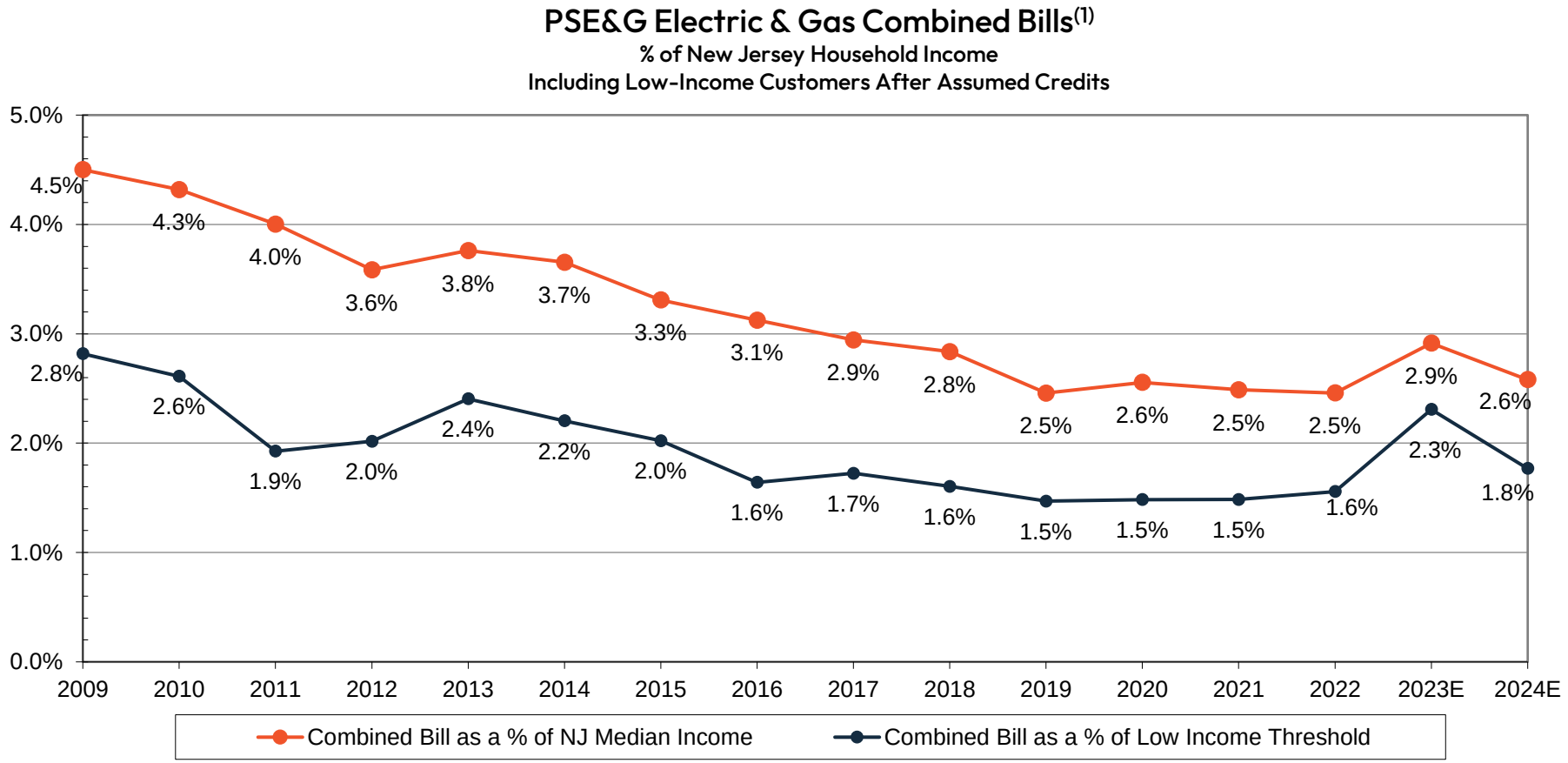
OSHA, SAIDI and Open Leaks compared to their respective national panels.

PSE&G's Residential Electric Bills Are Lower than Regional Average and Residential Gas Bills Are Among the Lowest Among Regional Peers



Based upon a calculation of monthly bills for an electric customer using 500 kilowatt-hours using rates as of June 1, 2023 and a gas customer using 100 therms using rates as of October 1, 2023. Rates sourced from public company documents.

PSE&G Combined Bills Under 3% of Median NJ Income, Favorable "Share of Wallet" vs. Lower-Cost Regions



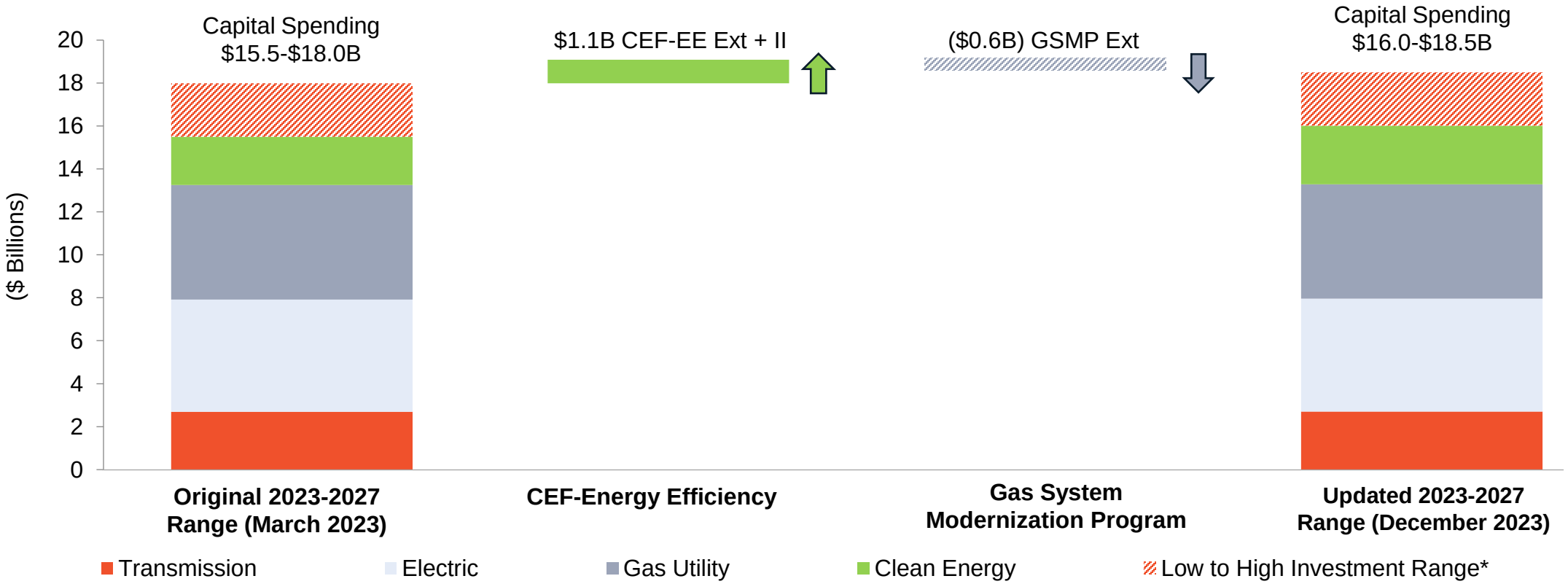
Affordability of the combined bill has improved ~40% since 2009 for median-income customers and ~30% for low-income customers

NJ 2022 electric residential rate year-over-year increase is 4th lowest among 50 states and Washington, D.C. (2)

(1) Based on a typical residential electric customer using 740 kilowatt-hours per summer month and 6,920 kilowatt-hours on an annual basis using rates as of June 1 for each year and a typical residential gas heating customer using 172 therms per winter month and 1,040 therms on an annual basis using rates as of January 1 of each year, March 1 for 2023.

(2) Source: Data provided by S&P Global Market Intelligence.
Notes: NJ Median income source https://fred.stlouisfed.org/series/MEHOINUSNJA646N. 2023E and 2024E are not available, therefore assume 3% annual increase per year over 2022. Income level of USF, the lowest threshold of the three low-income programs, is 175% of the Federal Poverty Line. Assumes the customer also qualifies for LIHEAP and Lifeline.
2022 results were adjusted to normal levels of customer assistance, which was elevated in 2022 due to funds received through the American Recovery Plan.

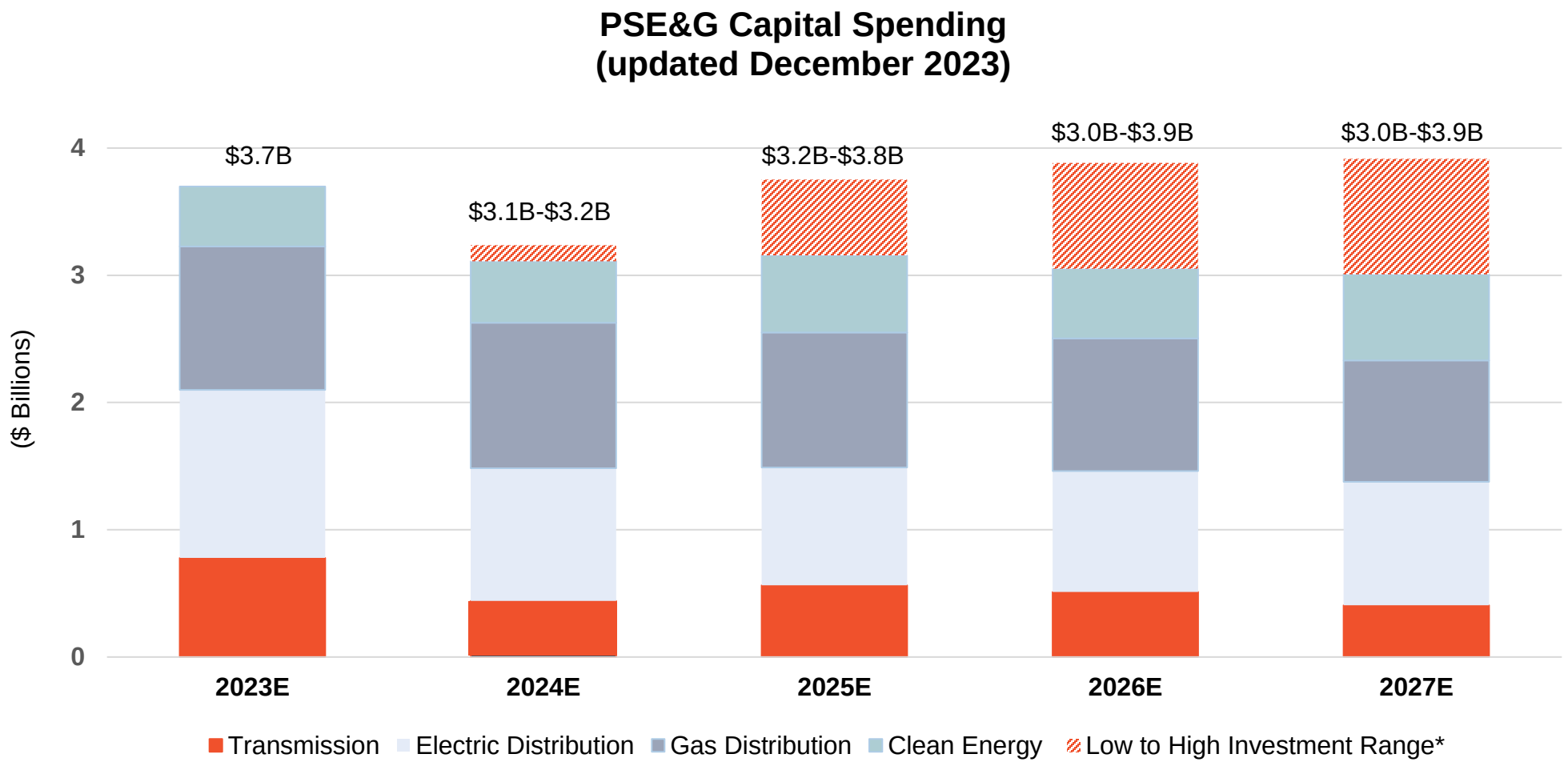
PSE&G capital spending increased by $0.5B for 2023-2027 updated for the CEF-EE and GSMP II program extensions and a new EE II filing



Updated range for 2023-2027 reflects recent extensions of the Energy Efficiency program at higher annual run rates with potential for additional spend on a larger CEF-EE II program proposed on 12/1/2023; updated Gas spend reflects the extension of GSMP II, which is lower than the 'high end' of the March investment range based on the GSMP III filing

Includes AFUDC. CEF-EC/AMI is included in Electric LDC.
**The low end of the range includes extensions of GSMP and CEF-EE at current annual spending levels plus inflation. The hashed portion of the chart represents incremental investment that may occur for programs related to gas and electric modernization, energy efficiency, energy storage, electric vehicles and solar.*

PSE&G's Updated 5-Year Capital Investment Plan of $16.0B-$18.5B Driven by System Modernization and NJ's Decarbonization and Energy Policy Goals



Includes AFUDC. CEF-EC/AMI is included in Electric LDC.
** The low end of the range includes extensions of GSMP and CEF-EE at current annual spending levels plus inflation. The hashed portion of the chart represents incremental investment that may occur for programs related to gas and electric modernization, energy efficiency, energy storage, electric vehicles and solar.*

Transmission Investment Is Focused on 69kV Upgrades to Support Future Electrification Efforts

- Transitioning from large end-of-life projects to 69kV conversion/expansion and new stations to improve reliability, address aging system and load growth including future electrification efforts
- Lifecycle investments focused on overhead conductor and pipe cable replacements and upgrades
- Generation topology changes due to retiring plants and interconnections/ upgrades for OSW transmission and other renewables
- Broader opportunities in transmission due to recent DOE study and PJM fast track proceeding
- Annual formula rate incorporates forward test year, eliminates investment and cost recovery lag, which provides predictable earnings growth



Electric Distribution Investment is Focused on System Modernization Providing Long Runway of Investment Opportunities and Maintains Our Best-in-Class Reliability

We will build on the success of programs like Energy Strong and Infrastructure Advancement Program to meet current and future needs of our customers, including investments for:

- **"Last Mile"** – Modernize circuits via targeted replacement of a myriad of asset types to support reliability, hardening and future electrification
- **Station Upgrades** – Modernize or eliminate aging electric distribution substations and switchgear to support EV/DER growth and address expanded security requirements



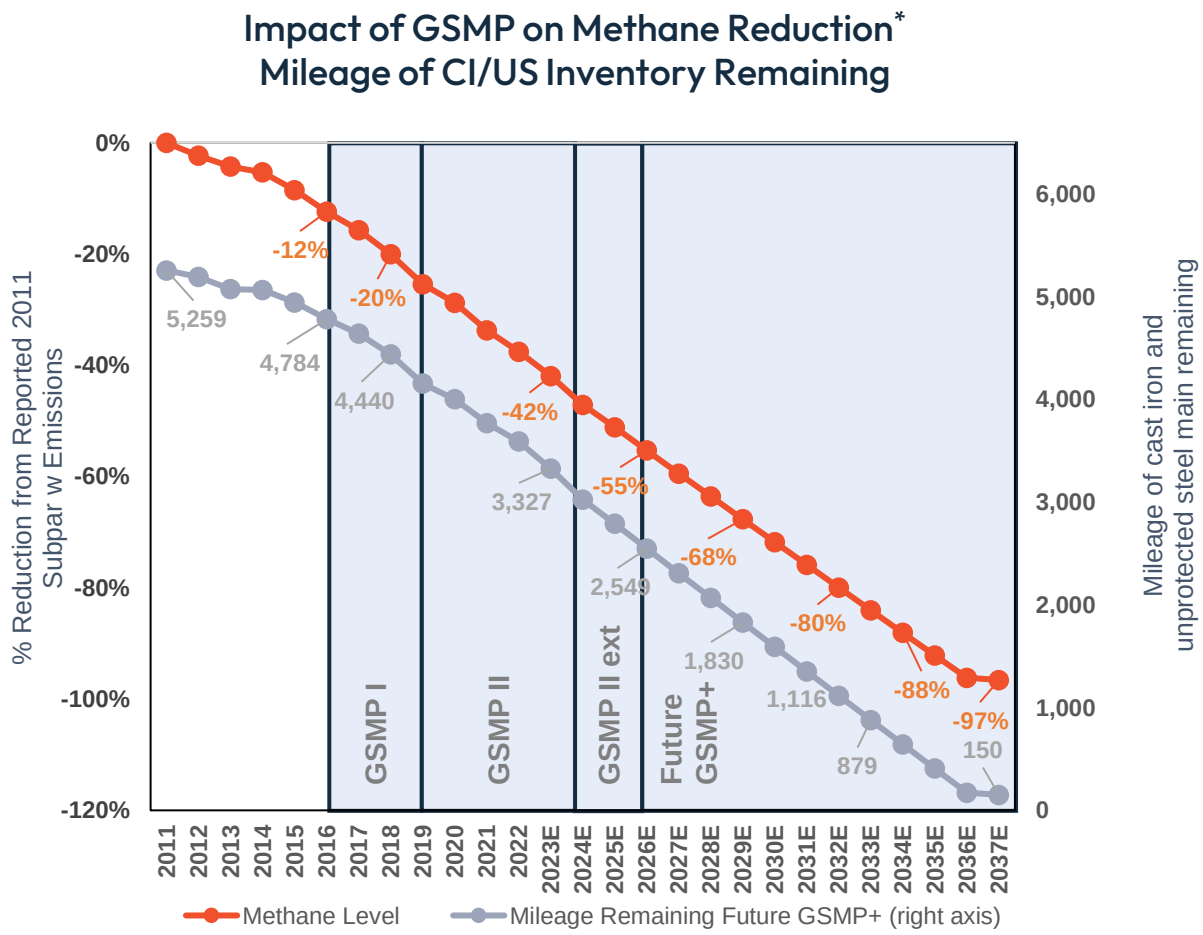
Outside Plant Construction

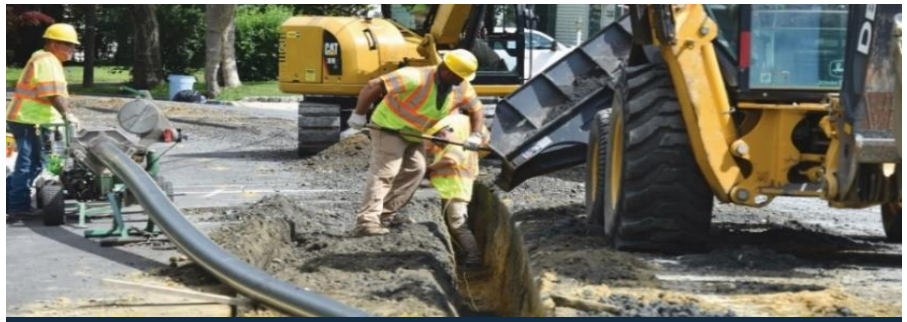


Madison Street Substation

- **Community Needs** – Expertise in tailoring station design to harmonize with our communities
- **Technology** – AMI, new enhanced capacitor banks and other technology to enable capabilities for remote monitoring and system control to support EV/DER integration, urban networks and cost reductions

Gas Distribution Investment Is Focused on Infrastructure Replacement that Accelerates Emission Reduction Benefits





GSMP main replacement

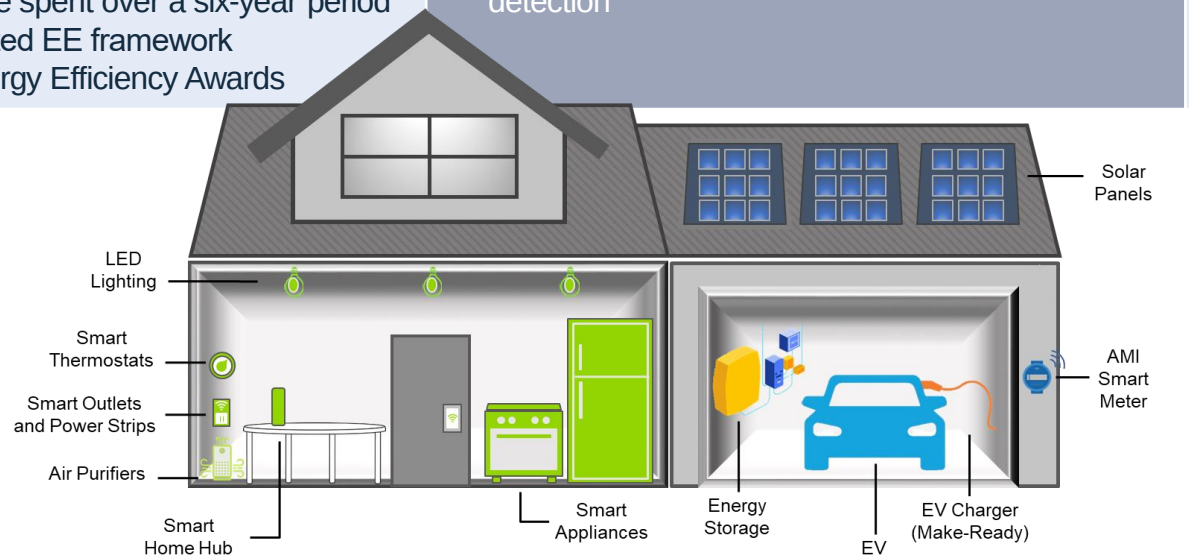
- GSMP II extension settlement approved in October
  - ~$900M, 2-year extension (January 2024 – December 2025)
  - ~$750M accelerated clause-based recovery and $150M stipulated base
  - Replacement of a minimum of 400 miles of main
  - Sustains the thousands of jobs and skilled workforce created under GSMP II
- GSMP III filing, including RNG and Hydrogen projects:
  - Held in abeyance; parties to reconvene by no later than January 31, 2025
  - If approved, would commence in January 2026

Future GSMP+ Assumption=GSMP II extension run rate and current base capital plan continues until all eligible remaining CI/US mileage is replaced.

** Methane reductions starting from 2011 when greenhouse gas emissions were required to be reported by the U.S. EPA for gas distribution companies*

PSE&G's Award-Winning Clean Energy Future Programs Are Delivering Benefits to Customers, and Rate Base Growth

ENERGY EFFICIENCY BPU approved ~$1.3B investment since September 2020 Programs for Residential and C&I Customers including low-income, multi-family, small business and local government	ENERGY CLOUD "AMI" BPU approved $707M investment in January 2021 "Smart meters," new software and product solutions to improve PSE&G processes and better manage the electric grid	ELECTRIC VEHICLES BPU approved $166M investment in January 2021 Residential Smart Charging, Level 2 Mixed-Use Charging, and Public DC Fast Charging (Make-Ready)
• Existing CEF-EE program on target, including 9-month extension through June 2024 of $280M, at higher run rate • Proposed 6-month extension of existing CEF-EE program investment of ~$300M beginning July 2024 • Filed EE II programs for $3.1B in commitments through mid-2027 to be spent over a six-year period based on BPU's updated EE framework • Winner of over 40 Energy Efficiency Awards	• Program on target, ~1.3 million meters in service to date (1) and full deployment on schedule for ~ year-end 2024 • Foundation for better customer service by providing customers granular usage information, automated reconnections and faster outage detection	• Program on target, enrollment increasing quickly due to education, outreach and supply chain improvements with ~8,000 chargers energized to date and an additional 10,000+ chargers in the application queue (1) • Won Plug-In America Utility Award in 2022 and EVgo Charging Hero award in 2023 • BPU to address Medium and Heavy-Duty EVs in conjunction with ongoing stakeholder process



PSE&G's Clean Energy Jobs Program has supported ~2,400 unemployed and underemployed people from low-to-moderate income areas secure clean energy careers(1)

(1) As of September 30, 2023

PSE&G's Investment Opportunities are Linked to New Jersey's Accelerated Electrification Goals

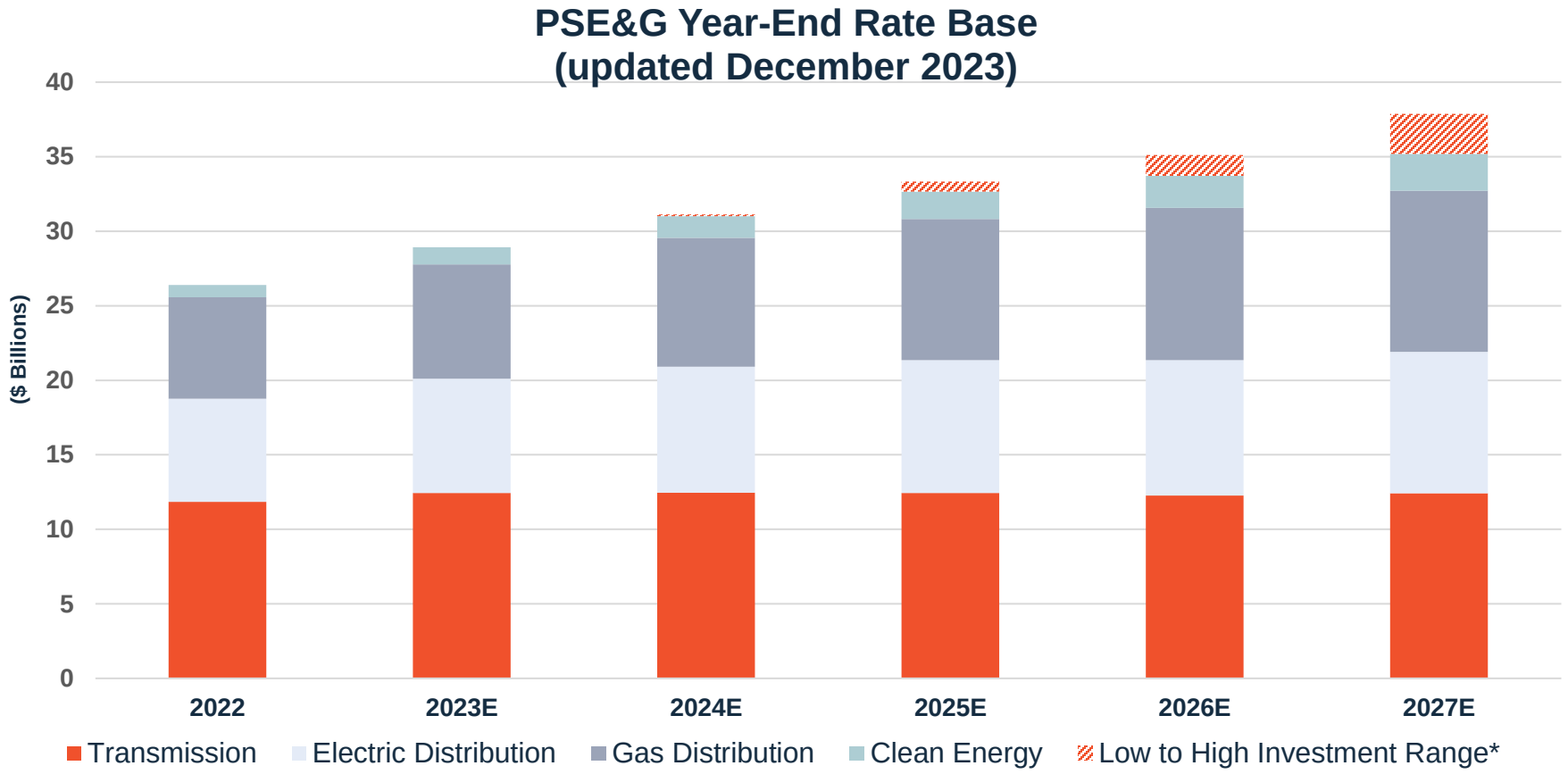
Governor Murphy's February 2023 Executive Orders

- **100% clean energy by 2035**
- **Electrifying transportation** – No internal combustion engine vehicles sold after 2035 and increased incentives for Medium and Heavy-Duty EV adoption
- **Building electrification** – 400,000 homes and 20,000 commercial properties and 10% of low-to-moderate income properties by 2030
- **Initiated 18-month stakeholder process** to achieve 2021 reduced gas emission goal by 2030

Incremental investments to support NJ's increasing targets to decarbonize the economy

- **Incremental clean energy investments** (Solar, EE, EV, Battery storage)
- **Enhanced "Last Mile" reliability** work to support accelerated EV adoption and electrification
- **Supports accelerated replacement of aging gas mains** prone to leaks and breaks
- **Potential investments for low carbon fuels** to integrate into gas distribution system

PSE&G's Rate Base Growth Delivers Improved Reliability, Enhanced Resiliency, Increased Customer Satisfaction, and Lower Emissions



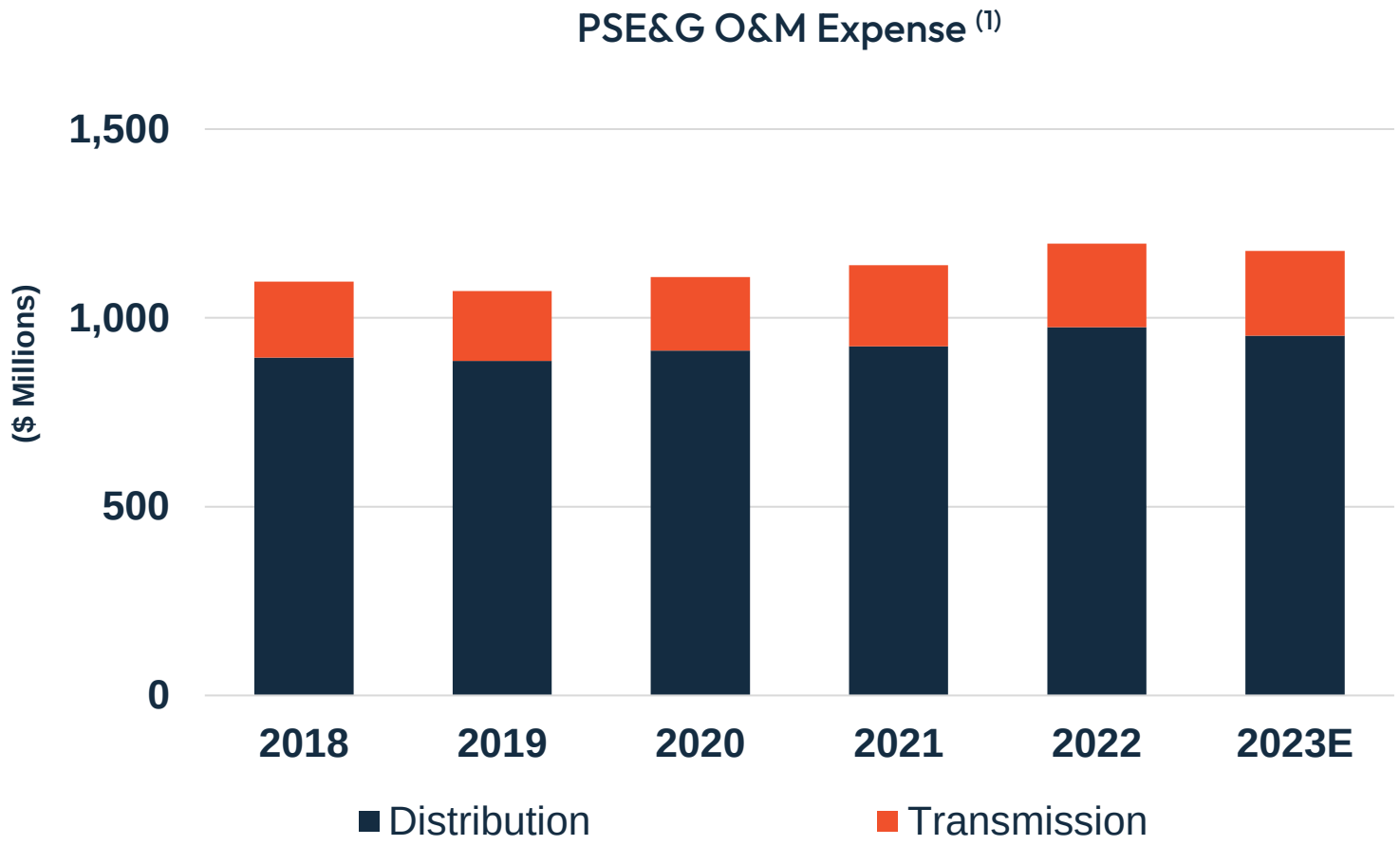
2022YE - 2027YE
CAGR: 6%-7.5%

Strong pipeline of opportunities will allow for continued rate base growth comparable to current growth rates

Chart excludes CWIP. Year-end 2022 CWIP balance was ~$1.3B.

** The low end of the range includes extension of GSMP and CEF-EE at current annual spending levels plus inflation. The hashed portion of the chart represents incremental investment that may occur for programs related to gas and electric modernization, energy efficiency, energy storage, electric vehicles, solar and State energy policy goals.*

Effective Cost Control to Mitigate Inflation Impacts and Preserve Customer Affordability Keeps O&M CAGR ~1%



- Demonstrated ability to control O&M
- 2023 cost reductions more than offset inflation and partially addresses the impact of Pension and OPEB
- Our focus on cost control provides headroom for recovery of capital investment, as $1 of O&M offsets the impact of ~$10 of capital investment on customer bills
- Implementation of AMI and productivity efforts are expected to continue to control O&M costs for the next several years

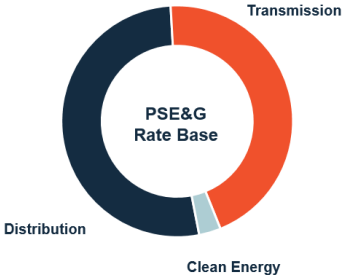
(1) Excludes certain regulatory balance account items.

PSE&G Dual Jurisdiction Regulation Provides for a Mixture of Investment and Cost Recovery Mechanisms

Transmission

- **Federal Regulatory Entity: Federal Energy Regulatory Commission (FERC)**
- **Annual Formula Rate filing provides for contemporaneous recovery with forward-looking test year**
- **Current Transmission ROE: 10.4% inclusive of 50 basis point RTO adder**
  - Equity Ratio: ~55%
  - YE 2022 Transmission Rate Base: ~$12B (~45%)

Distribution



- **State Regulatory Entity: NJ Board of Public Utilities**
- **Timely recovery of investment programs:**
  - Contemporaneous recovery of EE and Solar programs
  - Clause investment recovered via periodic filings for historic spending on Infrastructure Investment Programs (GSMP, Energy Strong, IAP)
  - Rate case recovery: Base spending, stipulated base
- **Current Distribution ROE: 9.6% for all programs**
  - Equity Ratio: 54%
  - YE 2022 Distribution Rate Base: ~$14B (55%)
- **4Q 2023 base rate filing is first since 2018, and will address recent investments, with cost control that helps keep bills affordable**
  - Test Year – Mid-2023 through mid-2024
  - Request recovery of base distribution investments ~$3B including Board approved stipulated base spend
- **Cost control and other factors mitigate other rate increases**
  - O&M control limits customer bill impact from last rate case and keeps costs below peers
  - Pension/OPEB expectations comparable to 2018 levels; seek to further reduce volatility
  - Weighted average cost of debt is flat compared to 2018 due to favorable refinancing and long-dated maturities
  - COVID and storm deferral recovery can be offset by completion of Superstorm Sandy recovery

Key Takeaways: Best-in-Class Operations with Important System Investment Needs Driving a Predictable Earnings Growth Platform

Operational Excellence: Delivering top-tier safety, reliability and customer service, while maintaining customer bill affordability

Financial Strength: Strong track record of growth continues

- Distribution base rate case in 2024 driven by capital recovery, while continuing to keep customer bills affordable
- Conservation Incentive Program decouples revenues, enabling broad EE adoption
- Cost control supports customer affordability with one of the lowest gas bills and below average electric bills vs regional peers
- Investment recovery mechanisms help minimize regulatory lag

Disciplined Investment: Programs driven by infrastructure modernization and decarbonization

- $16B-$18.5B capital investment program drives rate base growth of 6%-7.5% over the 2023-2027 period
- On pace to deliver largest single-year capital spending program of $3.7 billion in 2023
- Investments aligned with NJ climate policies, with upside to address Governor Murphy's February 2023 Executive Orders
- Gas business capital investments driven by replacement of aged pipe prone to leaks
- Technology investments will improve the customer experience and reliability while continuing to control O&M

PSEG Power & Other

PSEG Power & Other

A more stable, predictable business that generates significant free cash flow to support PSEG's investment program

PSEG Power & Other

PSEG Nuclear

- Operates Salem 1 & 2 and Hope Creek
- 50% owner of Peach Bottom 2 & 3
- Total 3,766 MW
- Opportunities for growth

Gas Supply Operations

Serves BGSS contract with PSE&G, providing low-cost gas and multiple value streams

Other

PSEG Long Island contracts, Offshore wind lease area and potential transmission investments, potential hydrogen investments, and Parent

PSEG Decision to Retain Nuclear Based on Several Drivers

Decision to Retain Nuclear Units Clarified with Passage of the IRA, and Anticipated Start of PTC in 2024

Key Strategic Drivers:

- Unique asset class of existing, low-cost, carbon-free, 24x7 base load generation, providing reliable energy integral to meeting New Jersey's clean energy targets
- Significant free cash flow supports PSEG as it allocates capital for PSE&G's growth



Key Financial Drivers:

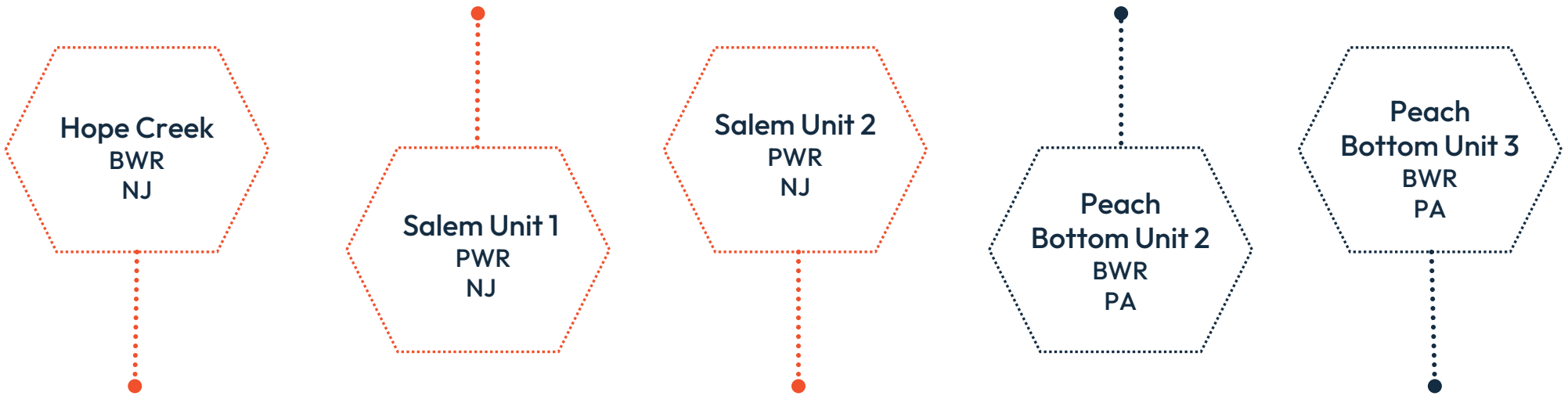
- Predictable earnings from PTC through 2032 provides escalating support for energy prices
- Prices above PTC threshold will provide upside opportunity
- Low-cost, high-value growth opportunities at nuclear, and prospects for growth in developing hydrogen hubs

Key Operational Drivers:

- Demonstrated operational excellence and equipment reliability, providing improved predictability
- Safety is always our highest priority

PSEG Nuclear — Key Fleet Data

Fleet Average Capacity Factor of 95.8% for Nine Months Ended September 30, 2023



- 100% PSEG ownership
- 1,173 MW owned capacity
- Current license expires 2046
- 18-month operating cycle
- Next refueling scheduled Spring 2024

- 57% PSEG ownership
- 659 MW owned capacity
- Current license expires 2036
- 18-month operating cycle
- Next refueling scheduled Spring 2025

- 57% PSEG ownership
- 659 MW owned capacity
- Current license expires 2040
- 18-month operating cycle
- Next refueling scheduled Fall 2024

- 50% PSEG ownership
- 637.5 MW owned capacity
- Current license expires 2053*
- 24-month operating cycle
- Next refueling scheduled Fall 2024

- 50% PSEG ownership
- 637.5 MW owned capacity
- Current license expires 2054*
- 24-month operating cycle
- Next refueling scheduled Fall 2025

** Both Peach Bottom units have received subsequent license renewals for an additional 20 years from the NRC. However, the NRC is revisiting the environmental review and the license expiration dates were reverted back to 2033 and 2034 pending this review.*

Nuclear Is Critical to the Energy Transition

Nuclear is a unique asset class providing reliable 24x7, carbon-free energy and price stabilization

PSEG Nuclear provides ~40% of New Jersey's energy and ~85% of New Jersey's clean energy

- New Jersey's energy goals can only be met through preserving our nuclear assets through an extended license life
- Integrated Energy Plan supporting NJ's EMP concluded that retaining nuclear is the least-cost scenario for achieving NJ's goals

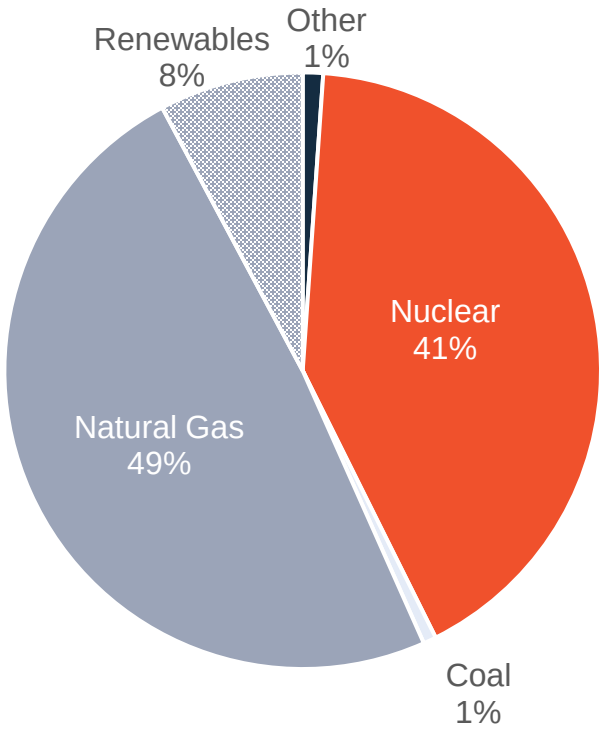
PSEG Nuclear is important to New Jersey's economy

- Supports an annual payroll of more than $175 million
- Purchases more than $60 million a year in New Jersey goods and services

PSEG Nuclear is a leading employer in Salem County and Southern NJ

- 4,530 in-state direct and secondary jobs, including 3,990 jobs in Salem County
- 1,639 full-time employees — 70% of employees live in South Jersey
- 1,000 additional contractors twice a year to support refueling outages and maintenance

NJ Electric Generation by Fuel Source 2022*

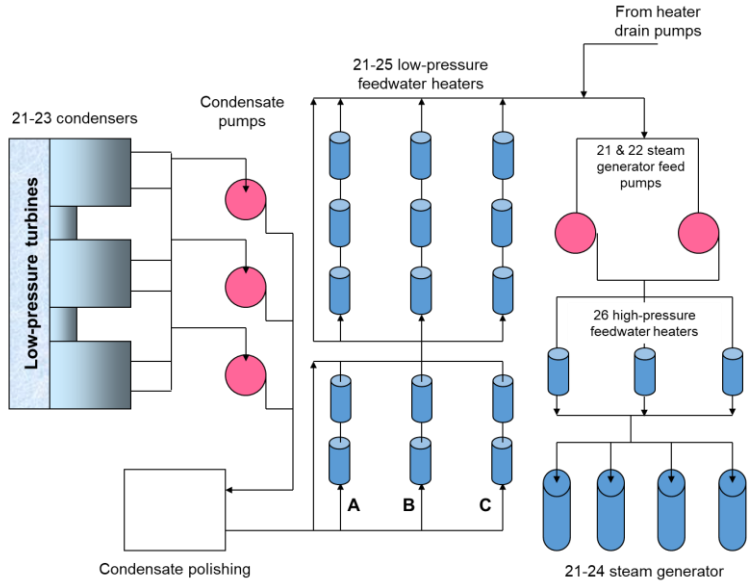


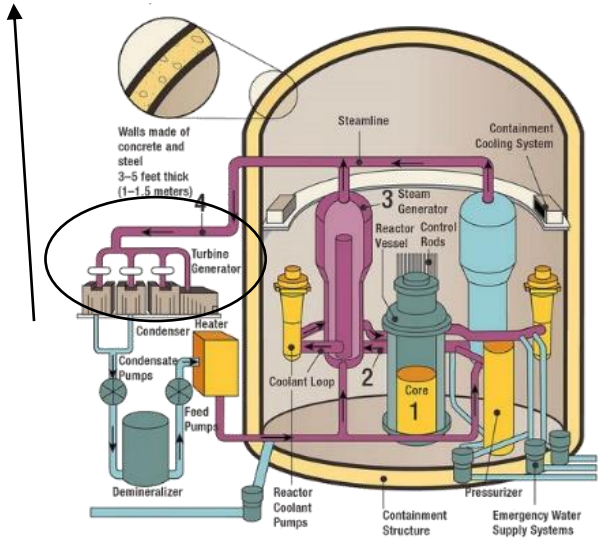
Source: Form EIA-923 (Electricity Data Browser as of October 4, 2023)

PSEG Nuclear Has Compelling Growth Opportunities: Salem Capacity Uprate

- ~45-60 MW PSEG-share (4%-5%) thermal increase targeted
- Lowers $/MWh generating cost (same O&M, more MWh)
- Targeting in service in 2027-2029
- Low-cost investment — Capital is ~$100M PSEG-share for upgrades on the secondary side of the plant (shown to right); no upgrades to reactor equipment expected, no incremental O&M
- Opportunity for a larger uprate will be evaluated
- Compelling value:
  - Incremental PTC benefit — Expected to qualify for the incremental clean energy production credit, providing 10 years of $27/MWh* incremental value to market
  - Average annual net income for first five full years ~$15M-$25M

Simplified Drawing of Secondary Side of Plant





*Amounts reflect 2023 dollars, subject to IRS inflation adjustment factor.

Additional PSEG Nuclear Growth Opportunities

Transition from 18-month to 24-month Refueling Cycles

- An extended fuel cycle eliminates refueling outages over the life of the plant, reducing O&M by eliminating one refueling outage every 6 years (~$50M O&M) and increasing generation ~25 days every six years (~$30M) to end of extended life (avoids 6 refueling outages)*
- Hope Creek: Authorized funding required to transition fuel cycle starting with Fall 2025 outage
- Salem: Monitoring NRC approval of new fuel type that would enable transitioning to 24-month cycles

License Extensions — Salem and Hope Creek

- 20-year extensions to 2056 (Salem Unit 1), 2060 (Salem Unit 2) and 2066 (Hope Creek)
- $95M total PSEG-share investment (includes ~$40M capex for equipment replacement), ~$10M–$15M through 2027
- Scoping study underway, Salem 1 & 2 license extension request submittal 2026, NRC approval anticipated 2028, Hope Creek to follow sequentially

Amounts reflect 2023 dollars.

Hydrogen Opportunities

Federal Government Created Programs to Incentivize the Development of a Hydrogen Economy to Drive Decarbonization Efforts Toward Some of the Hardest Sectors to Abate

- Infrastructure Investment and Jobs Act, 2021 — Up to $7 billion was awarded in October 2023 by the DOE to seven hydrogen hubs across the country, including the MACH2 Hub of which PSEG is a participant
- Inflation Reduction Act, 2022 — Creation of hydrogen PTC and ITC, dependent upon carbon intensity of hydrogen production process

PSEG is Actively Evaluating Hydrogen-Related Opportunities

- Evaluating multiple roles
  - Owner and operator of hydrogen production facilities powered by carbon-free, nuclear power
  - Seller of RECs and/or nuclear power to third party hydrogen producers
  - End-user of hydrogen blended into selected segments of PSE&G's gas distribution system

PSEG Power & Other — Other Businesses

Gas Supply Operations — the Next Largest Component of PSEG Power & Other

- Broad portfolio of pipeline and storage contracts providing access to low-cost gas and optionality
- Serves Basic Gas Supply Service (BGSS) to PSE&G customers
- Multiple value streams from gas commodity and pipeline capacity sales to third parties and margins on gas sales to certain customer classes
- Lowest-cost gas supplier in New Jersey with 75% of off-system sales margins credited to customers

Other Components

PSEG Long Island — Two Categories of Services

- Operating Services Agreement to manage T&D utility
- Fuel & Energy Management Contracts

Offshore Wind

- Exited offshore wind generation with completed sale of our 25% equity stake in Ocean Wind I
- GSOE Lease Area — Evaluating options to monetize our acreage
- Transmission (Offshore) — Pursue multiple solutions to support NJ's offshore wind transmission goals
  - NJBPU Pre-Build Infrastructure solicitation closing in April 2024 and an expected second State Agreement Approach solicitation later in 2024

Competitively Bid, FERC Regulated Transmission Projects

- In October 2023, PJM's TEAC recommended a PSEG proposed solution be included in the Window 3 projects to be approved by PJM's Board, which is expected to make its awards in December 2023

Key Takeaways: Increasing Predictability

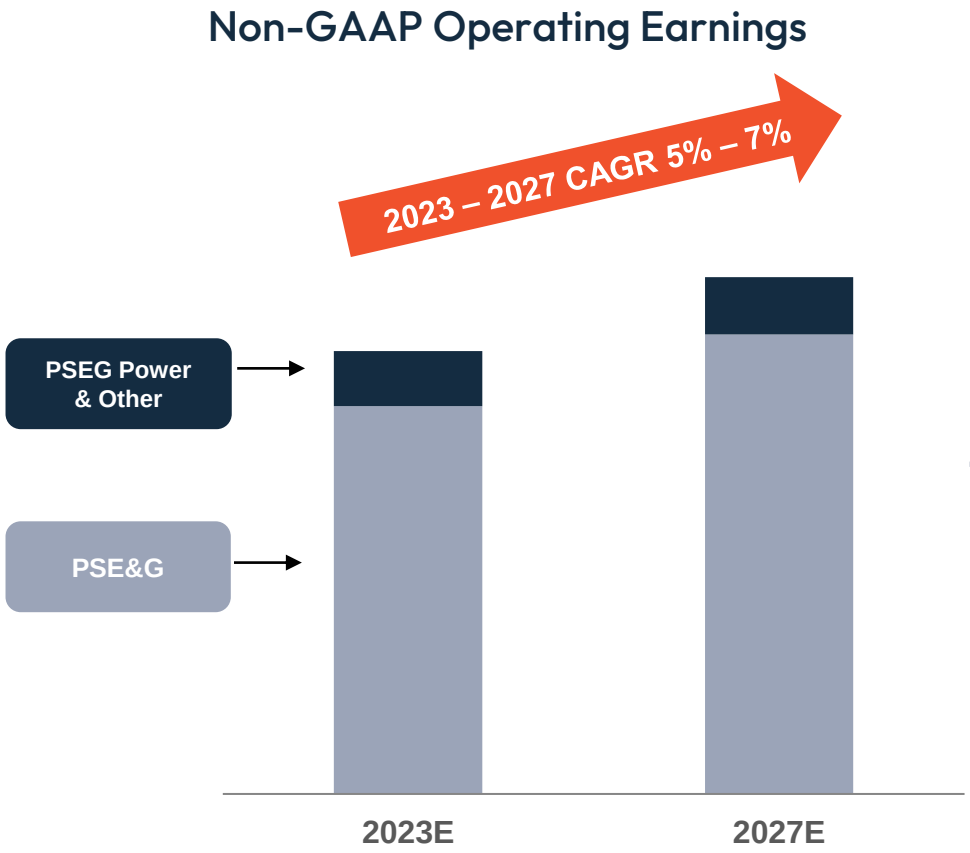
- **Operational Excellence:** Solid nuclear operations with exemplary ratings on all units, gas supply operations benefiting PSE&G customers, and PSEG Long Island
- **Financial Strength:**
  - Nuclear long-term price stability through PTC threshold into the next decade
  - Nuclear operations generate significant free cash flow to support PSEG's growth objectives
  - Other businesses, while smaller components, provide stable value
- **Disciplined Investment:**
  - The PTC is a game-changer, providing LT price stability, driving our strategic decision to retain our nuclear assets
  - Enables investment opportunities in power uprates, fuel cycle optimization, license extensions and hydrogen

Transformed business with the sale of fossil generating assets and exit from offshore wind generation, and decision to retain PSEG's nuclear assets following IRA

PSEG

Financial Review & Outlook

PSEG's Long-term Growth Outlook Driven by PSE&G's Regulated Earnings



Continuing on Path of Increasing Predictability

- ~85%-90% of PSEG's non-GAAP operating earnings are from PSE&G
- >90% of capital program allocated to PSE&G
- Execution of robust capital plan
- Growth CAGR reflects Nuclear at PTC threshold
- Continued cost control

Starting in 2024, Nuclear PTC Adds Stability and Visibility to PSEG Power & Other

Illustrative Drivers of PSEG Power & Other

+

- At the PTC threshold, average annual nuclear EBITDA is estimated in the range of ~$500M in 2024, growing to ~$600M in 2027, as PTC adjusts annually for inflation after 2024

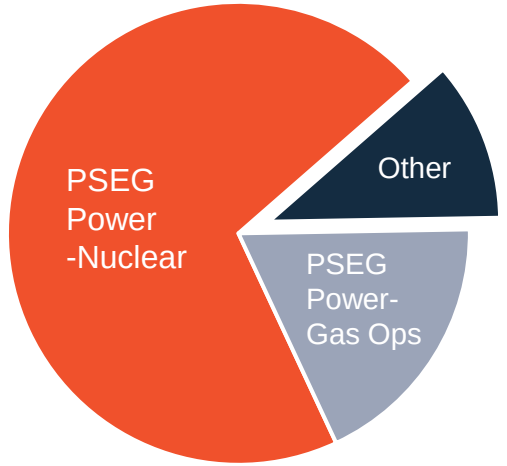
+

- Remaining components of PSEG Power & Other expected to generate average annual EBITDA estimated at ~$225M over the same period

-

- Annual depreciation is expected to average ~$135M over the same period
- Annual interest expense is estimated ~$250M, growing to ~$325M in 2027, as we refinance at higher rates

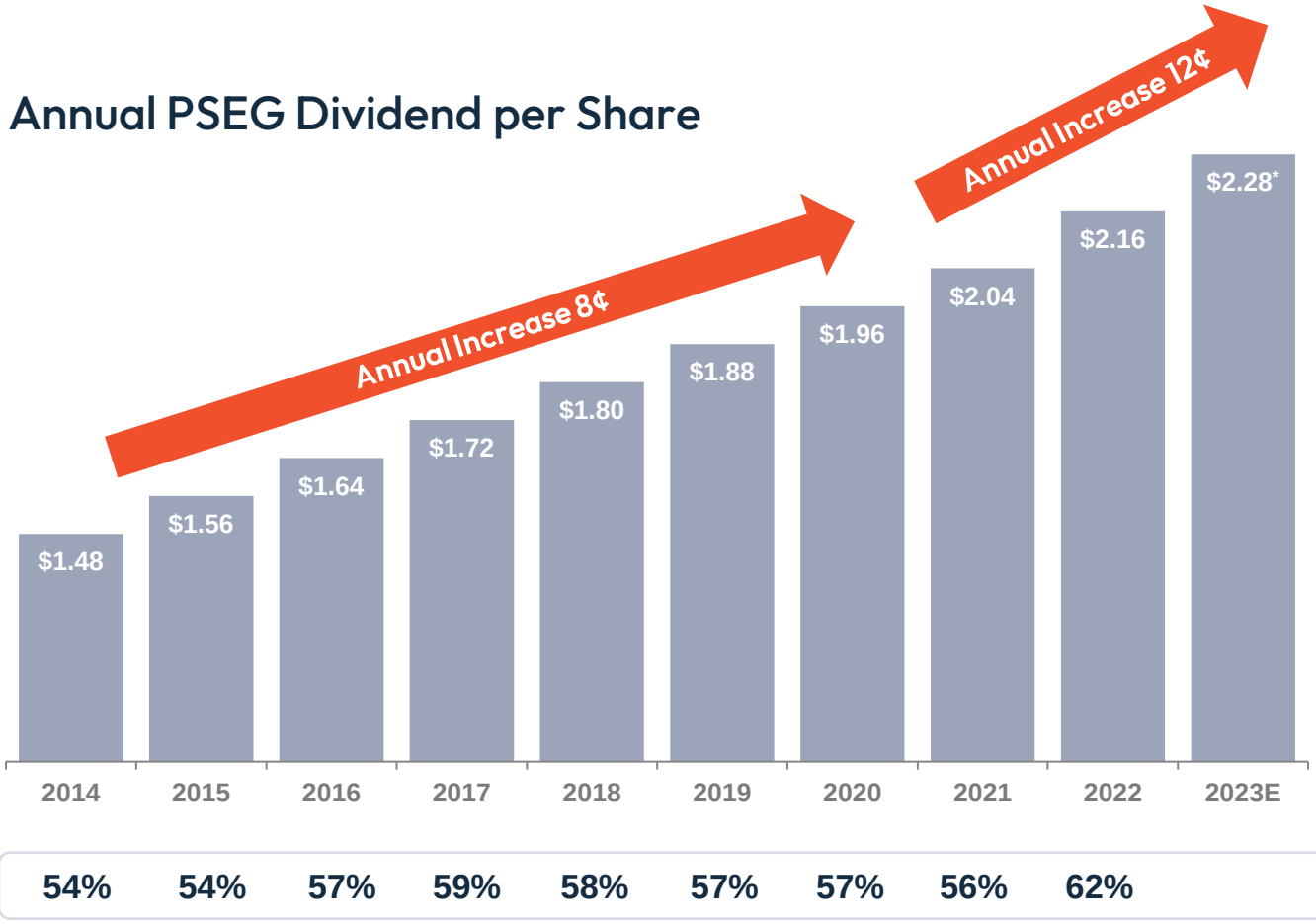
Illustrative EBITDA Contributions for PSEG Power & Other



This predictability and visibility drives our strategic decision to retain nuclear

Note – Illustrative representation of Nuclear EBITDA in years with PTC. Assumes PTC threshold of $43.75/MWh in 2024 with escalation of 3% per year, rising to $48.88/MWh for 2027, calculated in accordance with Internal Revenue Code Section 45U. EBITDA estimates assume continuation of Operations Services Agreement with Long Island Power Authority.

PSEG's 2023 Indicative Annual Dividend Increase Supported by Predictable Earnings



- Opportunity for consistent and sustainable dividend growth
- Dividend coverage by PSE&G earnings exceeds 130%

*Indicative annual 2023 PSEG common dividend rate per share.
**Payout Ratios reflect the dividend rate divided by non-GAAP Operating Earnings. See Slide A for Items excluded from Net Income/(Loss) to reconcile to Operating Earnings (non-GAAP) for PSEG.
Note: All future decisions and declarations regarding dividends on the common stock are subject to approval by the Board of Directors.

Meeting Takeaways: A Strong Business Mix and Platform for Predictable Growth

- **5%-7% long-term earnings growth rate for 2023-2027 driven by PSE&G rate base growth and PTC threshold for Nuclear**
- **Best-in-class, customer-centric regulated Utility with robust 5-year capex of $16B–$18.5B**
  - Focused on infrastructure modernization and decarbonization of NJ economy
  - Investment opportunities aligned with New Jersey and federal Clean Energy policies
  - Customer affordability with lower prices than the average among regional peers
  - Constructive NJ regulatory environment
- **Exited offshore wind generation**, continuing to pursue offshore and other competitive transmission projects, including PJM Window 3 opportunity
- **Retaining Nuclear fleet with PTC stabilized, predictable cash flows and multiple growth paths with modest investment**
  - Predictability – Long-term growth outlook through 2027 based on PTC threshold, with upside for potential market price increases
  - Opportunities - Increase capacity via uprates, extend fuel cycles, seek license extensions and potential hydrogen opportunities
- **Effective cost control to mitigate macro-inflationary concerns, reduce volatility and maintain customer affordability**
- **2023 indicative annual common dividend* of $2.28 per share represents a 5.6% increase over 2022**
- **Sustainability recognized in top-tier ESG scores for climate leadership and commitment to ethical business practices**
- **Strong management track record of delivering on commitments, including meeting earnings guidance 18 years in a row**

** All future decisions and declarations regarding dividends on the common stock are subject to approval by the Board of Directors.*

PSEG

Appendix

PSE&G's Proposed Energy Efficiency Offerings: An Expanded Suite of 11 Residential, C&I, and Multifamily & Other Programs

	Program	Description
Residential Programs	Energy Efficient Products	Offers incentives and on-bill repayment (OBR) for energy efficient equipment and appliances.
	Whole Home	Provides comprehensive residential energy efficiency assessment and installation services to provide 'one-stop shop' for all applicable energy efficiency and decarbonization upgrades for PSE&G residential customers, including OBR, for weatherization and equipment replacement.
	Behavioral	Provides electric and gas customers with information about their energy use, peer usage data, and suggested actionable steps to produce energy savings through behavioral changes and engagement with other energy efficiency programs.
	Income Qualified	Similar offering to Whole Home program with 100% incentive coverage for assessment and efficiency upgrades for income-qualified residential customers; also includes enhanced financial support for pre-weatherization barrier mitigation and health and safety measures.
Commercial & Industrial	Energy Solutions	Whole-building engineered savings including expanded outreach, technical assistance, and financial incentives supporting whole-building energy efficiency upgrades through a streamlined suite of energy solutions. Also includes incentives for retro-commissioning and strategic energy management, in addition to OBR.
	Prescriptive & Custom	Rebates & OBR for measures such as HVAC, lighting, motors & drives, refrigeration, water heaters, air compressors, food service equipment, and custom measures.
	Direct Install	Provides free audit and easy-to-complete process with enhanced incentive coverage and OBR available for relatively simple EE projects for smaller C&I customers.
Multifamily & Other	Multifamily	Targeted program directed at the specific challenges of this hard-to-reach customer segment. Offers a standalone program that leverages measures from both Residential and C&I programs with multi-family specific incentive levels and marketing, including OBR.
	Next Generation Savings	Support for field testing and assessment of opportunities to incorporate new technologies and program designs.
	Building Decarbonization	Includes several approaches that incentivize switching from fossil fuel to electric measures in buildings. Includes a utility owned Geothermal Network Demonstration and a PSE&G Building Decarbonization Demonstration. OBR will be available for pathways where the incentives do not cover the full cost of the project.
	Demand Response	Several different demand response approaches to residential and commercial customers to reduce usage during times of high demand, OBR may be available for pathways where there are costs to customers.

PSE&G Recognized for Excellence

PSE&G was honored on numerous fronts for best-in-class operations

- 2022 PSE&G ranked #1 in Customer Satisfaction with both Residential Electric and Natural Gas Service in the East among Large Utilities by J.D. Power*
- #1 in Customer Satisfaction with Business Electric Service in the East among Large Utilities by J.D. Power in 2023**
- 2023 PA Consulting ReliabilityOne® Award for Outstanding Reliability Performance in the Mid-Atlantic Metropolitan Service Area for the 22nd consecutive year
- 2023 ReliabilityOne® Outstanding Customer Engagement Award
- 2022 EEI Edison Award, the electric utility industry's highest honor
- Escalent's 2022 Cogent Most Trusted Utility Brands – Residential & Business









** 2023 residential results pending. PSE&G received the highest score in the East Large segment of the J.D. Power 2022 U.S. Electric Utility Residential Customer Satisfaction Study of customers' satisfaction with electric utility residential services and the J.D. Power 2022 U.S. Gas Utility Residential Customer Satisfaction Study of customers' satisfaction nationally among gas residential customers. Visit jdpower.com\awards for more details.*

*** PSE&G received the highest score in a tie in the East Large segment of the J.D. Power 2023 U.S. Electric Utility Business Customer Satisfaction Study of electric utility satisfaction among business customers. Visit jdpower.com\awards for more details.*

PSEG Provides Compelling Careers for Our Employees

PSEG ~12,500 Employees

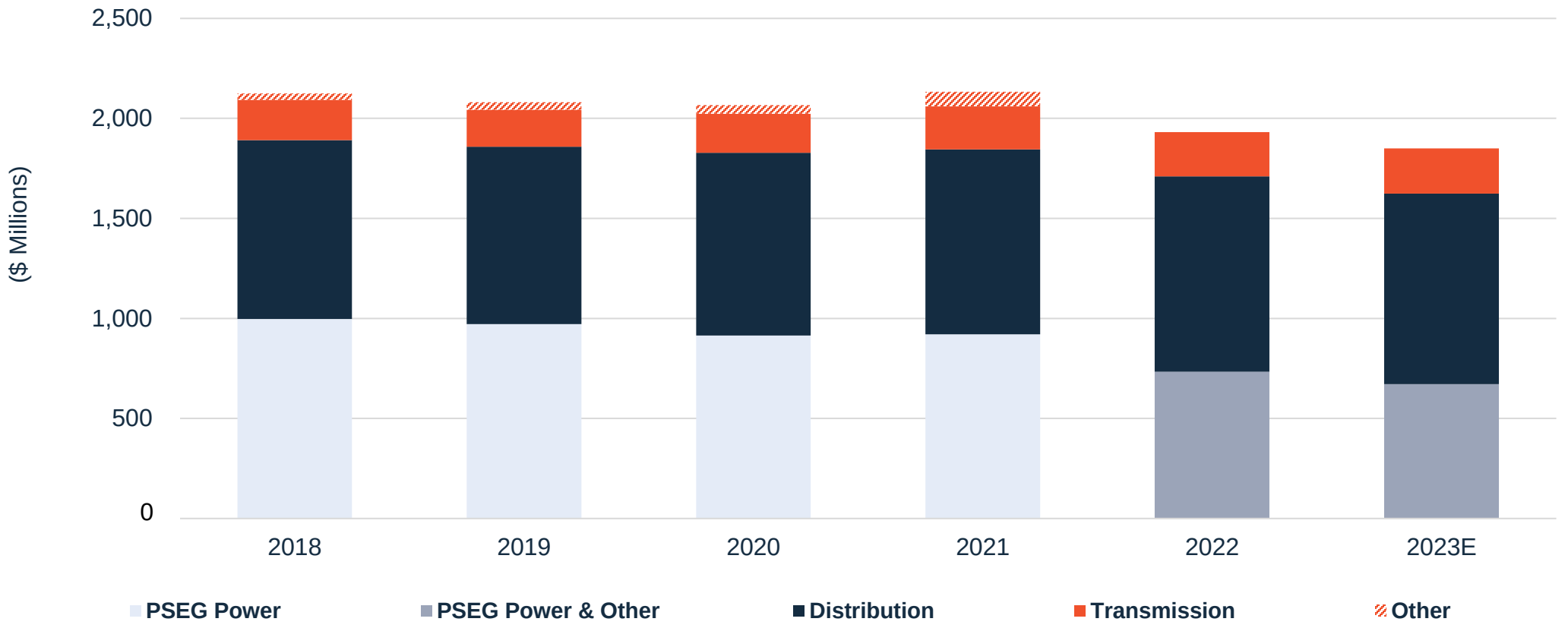
- **Strong union partnerships with our six unions and the ~7,700 employees they represent:**
  - Reached new four-year labor agreements in Q2 2023 with all of our unions representing employees in New Jersey
  - PSEG Long Island reached four-year labor agreement through November 13, 2027
- **For 2022, our voluntary turnover rate excluding retirements was ~3%**
- **DEI – 28% are racially/ethnically diverse, 18% are women**
  - Representation of racially/ethnically diverse employees has increased 1.5% in the past two years; exceeds median industry benchmark by ~10%
  - Hired approximately 1,750 employees in 2022
    - 40% were racially/ethnically diverse, a 10% improvement over 2021
    - 23% were women, a 4% improvement over 2021
  - Numerous DEI recognitions

2022 DEI Recognitions

- America's Best Employers for Diversity
- America's Best Large Employers
- America's Best Employers for Women
- America's Best Employer by State
- America's Most JUST Companies
- Bloomberg Gender-Equality Index
- Bronze Military Friendly Employers
- Campus Forward Award
- Corporate Equality Index
- Disability Equality Index
- Leading Disability Employer
- No. 1 Utility in 100 Best Corporate Citizens
- Link to 2022 Employer Information Report - EE01 (Equal Employment Opportunity)

PSEG has Demonstrated Success in Controlling O&M, Keeping CAGR ~(3%)

PSEG O&M Expense [1]



(1) Excludes Nuclear ARO, early retirement of Hudson/Mercer coal plants, Bethlehem Energy Center goodwill write-off, write-offs related to Strategic Alternatives and certain regulatory balance account and pass-through items. Excludes PSEG Fossil and PSEG Power Ventures as of 2022.

2023 Pension Update

PSEG ($ Millions)	2022	2021
Discount Rate	5.20%	2.94%
Expected Rate of Return on Plan Assets (EROA)	7.2%	7.7%
Fair Value of Plan Assets at Beginning of Year	$6,906	$6,368
Actual Return on Plan Assets	($1,606)	$886
Fair Value of Plan Assets at Year-End	$4,911	$6,906
Benefit Obligation at Year-End	$5,628	$7,240
Funded Status at Year-End	87%	95%
Net Actuarial Loss at Year-End	$2,151	$1,643

- Focused on increasing the predictability of future earnings by mitigating pension impacts
- In February, the BPU approved an order authorizing PSE&G to modify its method for pension accounting for ratemaking purposes, which mitigates variability in the calculation of PSE&G's pension expense for calendar year 2023 and beyond
- In August, PSEG closed on its previously announced pension "lift-out", transferring approximately $1 billion of pension obligations and associated plan assets, which will help to further increase the predictability of financial results
- Post the "lift-out" transaction, strong funding ratio maintained

PSEG Power & Other

Nuclear Generation Measures	Three Months Ended September 30,		Nine Months Ended September 30,	
	2022	2023	2022	2023
Capacity Factor	93.2%	95.3%	94.3%	95.8%
Fuel Cost ($ millions)	$48	$50	$141	$144
Generation (GWh)	7,968	8,138	23,926	24,271
Fuel Cost ($/MWh)	$6.02	$6.14	$5.89	$5.93
Refueling Outages:	2022:	Spring – S1	Fall – HC, PB2	
	2023:	Spring – S2	Fall – S1, PB3	

Carbon-Free Contracted Energy Sales*		
Baseload Nuclear	2023E	2024E
Volume TWh	30 – 32	30 - 32
% Hedged	95-100%	85-90%
Price $/MWh	$31	$38

PJM Capacity Auction Results		
2023 Delivery Period	PSEG's Average Prices ($/MW-Day)	PSEG's Cleared Capacity (MW)
Jan – May	$97	3,300
Jun – Dec	$50	3,700

Other Financial Considerations

- Transitioning PSEG's 100%-owned Hope Creek unit from 18-month to 24-month fuel cycles as early as 2025
- In August 2023, PSEG completed a "lift-out" of ~$1 billion of PSEG Power & Other, excluding Services, pension obligations and associated Plan assets

* Numbers reflect management's view of hedged percentages and prices as of December 31, 2022 for 2023E and September 30, 2023 for 2024E. Prices for 2023E reflect revenues of full requirement load deals based on contract price including renewable energy credits and ancillary, but excluding capacity and transmission components. Prices for 2024E reflect energy revenues only. Hedged positions include MTM accounting treatment and options.

Note: Generation indicates period net generation; Average Prices and Cleared Capacity reflect base and incremental auctions.

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 (1,2)	$0.50B
PSEG Long-term Debt Outstanding	$4.13B
PSEG Consolidated Debt to Capitalization	57%

PSEG Power Issuer Credit Ratings

Moody's = Baa2 / Outlook = Positive(3) S&P = BBB / Outlook = Stable

PSEG Power Long-term Debt Outstanding (2)	$1.25B

PSEG Liquidity and Net Cash Collateral Postings

- PSEG had approximately $3.8B of total available liquidity, including $57M of cash and cash equivalents, at 9/30/2023
- PSEG Power had net cash collateral postings of $0.35B at 9/30/2023

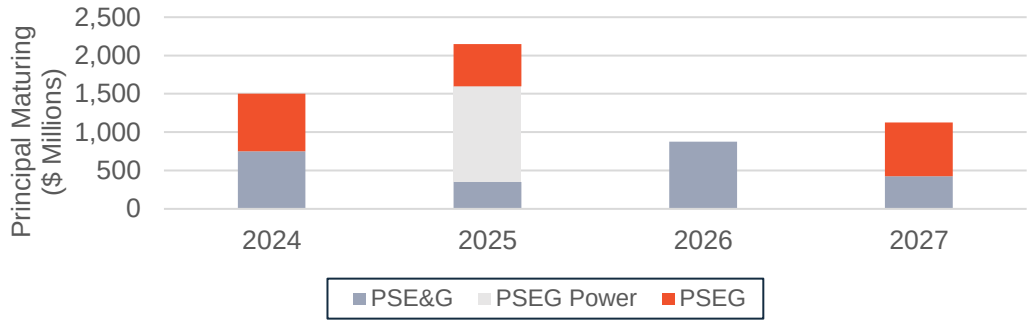
Public Service Electric & Gas

PSE&G Senior Secured Credit Ratings

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

PSE&G Long-term Debt Outstanding	$13.66B

PSEG Long-Term Maturity Profile 2024 - 2027



Financing Activity Subsequent to September 30, 2023

PSEG issued 5.88% Senior Notes due October 2028*	$0.60B
PSEG issued 6.13% Senior Notes due October 2033*	$0.40B
PSEG retired 0.84% Senior Notes due November 2023	$0.75B

* Prior to pricing on October 2, 2023, $800 million of treasury locks were executed which had a positive fair value of $14 million as of September 30, 2023. This benefit will be amortized over the life of the Senior Notes to partially offset interest expense.

All data is as of 9/30/2023 unless otherwise noted.
(1) 364-Day Term Loan is included in Short-Term Debt as Commercial Paper & Loans and as of 9/30/2023 included one term loan maturing April 2024 with a remaining balance of $0.50B.
(2) PSEG 364-Day term loans and PSEG Power long-term debt are at a variable rate. As of 9/30/2023, PSEG has entered into floating-to-fixed interest rate swaps totaling $0.90B in order to reduce the volatility in interest expense for a portion of our variable rate debt on our $1.25B, 3-year term loan maturing March 2025 at PSEG Power.
(3) On October 30, 2023, Moody's changed PSEG Power's rating outlook to positive from stable; Issuer Rating affirmed.
Note: Total Long-Term Debt Outstanding amounts may not add to PSEG Consolidated Total Long-Term Debt Outstanding due to rounding. Amounts on slide are rounded up to two decimal places.

Events and Disclosures

Upcoming Events and Disclosures	Timeline
Mizuho Conference	December 5, 2023
Wells Fargo Conference	December 6, 2023
2024 Earnings Guidance	Second half of December 2023
Roll forward to 2024-2028 capital spending plan, rate base projections and long-term earnings CAGRs	January 2024 Investor Update
Goldman Sachs Conference	January 4-5, 2024
Evercore ISI Conference	January 11-12, 2024

Glossary of Terms

A&G	Administrative & General
AFUDC	Allowance for Funds Used During Construction
AMI	Automated Metering Infrastructure
ARO	Asset Retirement Obligation
BGSS	Basic Gas Supply Service
BPU	New Jersey Board of Public Utilities
BWR	Boiling Water Reactor
CAGR	Compound Annual Growth Rate
C&I	Commercial and Industrial
CEF	Clean Energy Future
CI/US	Cast Iron and Unprotected Steel Main
CWIP	Construction Work in Progress
DEI	Diversity Equity & Inclusion
DER	Distributed Energy Resource
DOE	Department of Energy
E	Estimate
EBITDA	Earnings before Interest, Income Taxes, Depreciation & Amortization
EC	Energy Cloud
EE	Energy Efficiency
EEI	Edison Electric Institute
EIA	Energy Information Administration
EMP	Energy Master Plan
EPA	Environmental Protection Agency
EPS	Earnings Per Share
ESG	Environmental, Social and Governance
EV	Electric Vehicle
FCF	Free Cash Flow
FFO	Funds from Operations
GAAP	Generally Accepted Accounting Principles
GC	General Counsel
GHG	Greenhouse Gas
GSMP	Gas System Modernization Program
HC	Hope Creek
IAP	Infrastructure Advancement Program
IRA	Inflation Reduction Act
ITC	Investment Tax Credit
LDC	Local Distribution Company
LIHEAP	Low Income Home Energy Assistance Program
LT	Long-Term
MSCI	Morgan Stanley Capital International
NRC	Nuclear Regulatory Commission
O&M	Operations and Maintenance
OPEB	Other Post-Employment Benefits
OSHA	Occupational Safety and Health Administration
OSW	Offshore Wind
P/E	Price to Earnings Ratio
PB	Peach Bottom
PHMSA	Pipeline and Hazardous Materials Safety Administration
PJM	Pennsylvania Jersey Maryland
PTC	Production Tax Credit
PWR	Pressurized Water Reactor
RNG	Renewable Natural Gas
ROE	Return on Equity
RTO	Regional Transmission Organization
S	Salem
SAIDI	System Average Interruption Duration Index
SBTi	Science Based Targets initiative
SF_6	Sulfur Hexafluoride
T&D	Transmission and Distribution
TEAC	Transmission Expansion Advisory Committee
U.N.	United Nations
USF	Universal Service Fund
YE	Year-End

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Link to PSEG Investor Relations Website

Link to PSEG ESG Webpages

Reconciliation of Non-GAAP Operating Earnings

Public Service Enterprise Group Incorporated - Consolidated Operating Earnings (non-GAAP) Reconciliation

Reconciling Items	Year Ended December 31, 2022 ($ million, Unaudited)
Net Income	**$ 1,031**
(Gain) Loss on Nuclear Decommissioning Trust (NDT) Fund Related Activity, pre-tax	270
(Gain) Loss on Mark-to-Market (MTM), pre-tax[(a)]	635
Pension Settlement Charge, pre-tax	-
Plant Retirements, Dispositions and Impairments, pre-tax[(b)]	31
Lease Related Activity, pre-tax	78
Exit Incentive Program (EIP), pre-tax	-
Income Taxes related to Operating Earnings (non-GAAP) reconciling items[(c)]	(306)
Operating Earnings (non-GAAP)	**$ 1,739**
PSEG Fully Diluted Average Shares Outstanding (in millions)	**501**
Net Income	**$ 2.06**
(Gain) Loss on NDT Fund Related Activity, pre-tax	0.54
(Gain) Loss on MTM, pre-tax[(a)]	1.27
Pension Settlement Charge, pre-tax	-
Plant Retirements, Dispositions and Impairments, pre-tax[(b)]	0.06
Lease Related Activity, pre-tax	0.15
EIP, pre-tax	-
Income Taxes related to Operating Earnings (non-GAAP) reconciling items[(c)]	(0.61)
Operating Earnings (non-GAAP)	**$ 3.47**

(a) Includes the financial impact from positions with forward delivery months.

(b) Full year 2022 includes the results for fossil generation sold in February 2022.

(c) Income tax effect calculated at statutory rate except for qualified NDT related activity, which records an additional 20% trust tax on income (loss) from qualified NDT Funds, and lease related activity.

Please see Slide 3 for an explanation of PSEG's use of Operating Earnings as a non-GAAP financial measure and how it differs from Net Income.