PSEG LONG ISLAND

Utility 2.0 Filing
LIPA Board of Trustees
Oversight and REV Committee
July 24, 2019
AGENDA

- Filing Overview
- 2019 Proposed Projects
- Budget Overview
- Public Comments
PSEG Long Island has designed its Utility 2.0 strategy to focus on bringing the latest knowledge, tools and capabilities to its customers.

Evolve the utility to become the DSP through customer engagement and grid planning and operations functions of the utility, and enable foundational capabilities and technology platforms.

Explore new EE/DER projects to demonstrate value to both the customers and the utility, inform future rate design and business models and support customer adoption of advanced technologies in support of its mission and state policies.

Empower customers with safe, reliable and increasingly digital and automated investments which enable the evolution to the DSP and offer customers choice and solutions.

PSEG Long Island’s customers want to be a part of the energy industry transformation and desire improved reliability, resiliency, and cost-effectiveness of the energy system and customer programs.
2019 Utility 2.0

Strategic Pathways
- Empowering Customers through AMI
- Exploring Innovative Offerings
- Evolving to the DSP

Project Types
- Implementation Update
- Customer Experience Pilots
- Grid-Interactive Pilots
- DSP-Enabling Initiatives

2019 Projects
- Billing & Payment Options: FlexPay + On-Bill Financing
- Vehicle-to-Grid + Heat Pump Controls
- Utility-Scale Storage + Hosting Capacity Maps
## 2019 Utility 2.0

### Empower Customers using AMI and Data Analytics

- Customer-Interactive Solutions
  - Solutions that empower customers by improving the way they interact with their energy provider and offer tools and choice for DER solutions and payment options
  - Next Gen Insights Pilot
  - Energy Concierge Service & Custom Business Solutions
  - On-Bill Financing Plan
  - FlexPay Plan

### Explore New Innovative Offerings

- Grid-Interactive Pilots
  - Pilots that test how customers' behavior and how the utility, as it evolves to the DSP, can monitor and interact with those resources to improve system efficiency and reduce carbon
  - Electric School Bus V2G Demonstration
  - Controllable Heat Pumps for Winter Heating

### Evolve to a Customer-Centric DSP

- DSP-Enabling Projects
  - Studies, pilots, and foundational capabilities to enable the DSP, with efficient management of grid assets and quicker and more cost-effective DER interconnection
  - Utility-Scale Storage (Brightwaters)
  - Hosting Capacity Maps
Utility 2.0 Funding Request Overview

<table>
<thead>
<tr>
<th>Initiative</th>
<th>CAPEX Request (Added) $M</th>
<th>OPEX Request (Added) $M</th>
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<tr>
<td></td>
<td>3-Year Total 2020 2021 2022</td>
<td>3-Year Total 2020 2021 2022</td>
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<td>Next Gen Insights Pilot</td>
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<td>Energy Concierge Pilot</td>
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<td>Storage – Brightwaters*</td>
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<td>Hosting Capacity Maps</td>
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<td>Total ($ Million)</td>
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<td>7.33 2.92 2.21 2.19</td>
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*PSEG Long Island intends to request $11.7M from NYSERDA to support the Brightwaters utility-scale storage project and yield an effective benefit-cost ratio of 1.0.

Values here are rounded in each field.

*Marketplace and Pick Your Due Date initiatives will be considered outside of the 2019 Utility 2.0 Filing.*
DPS Review and Public Comment

- Utility 2.0 Plan posted on LIPA and DPS websites
- DPS accepting public comments until August 30th
- Replies to public comments due September 16th
- Utility 2.0 Plan, comments, and replies available on DPS docket: