

Oversight & REV Committee

July 24, 2019

Capital Program and FEMA Project Update

2019 PSEG LI Capital Program – Update

| | Approved Budget | Year To Date May | | YTD May Under/(Over) | Projected Year End | Projected Year End Under/(Over) |
|---|-----------------|------------------|-----------|----------------------|--------------------|---------------------------------|
| | | Plan | Actuals | | | |
| Transmission & Distribution* | \$519,999 | \$185,662 | \$150,361 | \$35,301 | \$453,919 | \$66,080 |
| Information Technology | \$35,236 | \$20,019 | \$11,936 | \$8,083 | \$35,875 | (\$639) |
| Customer Operations* | \$18,297 | \$6,236 | \$6,019 | \$217 | \$17,012 | 1,285 |
| Facilities | \$8,944 | \$4,960 | \$553 | \$4,407 | \$6,940 | 2,004 |
| Fleet | \$5,495 | \$645 | (\$221) | \$866 | \$7,273 | (1,778) |
| Utility 2.0 | \$69,661 | \$27,673 | \$19,263 | \$8,410 | \$73,901 | (4,240) |
| Sub-Total | \$657,632 | \$245,195 | \$187,911 | \$57,284 | \$594,920 | 62,712 |
| FEMA | \$153,609 | \$66,949 | \$54,693 | \$12,256 | \$142,761 | 10,848 |
| TOTAL | \$811,241 | \$312,144 | \$242,602 | \$69,542 | \$734,704 | 73,560 |

Note: \$ 6.9M was shifted from TD to CS due to the transfer of the Dusk to Dawn Program and the Jones Beach Nature Center

PSEGLI 2019 Capital Budget Summary - T & D

| | Approved Budget | Year To Date May | | YTD May Under/(Over) | Projected Year End |
|--------------------|-----------------|------------------|-----------|----------------------|--------------------|
| | | Plan | Actuals | | |
| Regulatory | \$25,488 | \$4,319 | \$2,896 | \$1,422 | \$15,616 |
| Load Growth | \$262,029 | \$93,625 | \$58,866 | \$34,758 | \$197,735 |
| Reliability | \$190,5175 | \$68,452 | \$67,288 | \$1,163 | \$190,473 |
| Other | \$41,963 | \$19,266 | \$21,309 | (\$2,042) | \$50,093 |
| Sub-Total | \$519,999 | \$185,662 | \$150,360 | \$35,302 | \$453,919 |

Major Drivers for 2019 Projected Year End Under-Run

| Project Title/Description | 2019 Carry Forward Comments |
|---|--|
| East End Substation Conversions | |
| Navy Road - Establish New 23-13 kV substation | Delays in site acceptance by community |
| Amagansett 23kV Conversion to 33kV | Projects delayed pending resolution of new Navy Road substation |
| Buell 23kV Conversion to 33kV | |
| Culloden Pt. 23kV Conversion to 33kV | |
| E. Hampton 23kV Conversion to 33kV | |
| Hither Hills 23kV Conversion to 33kV | |
| Transmission Lines 23kV to 33kV Conversion | |
| | |
| Ocean Beach-Fire Island Pines Tran Cable | Partial construction shift from 2019 to 2020 due to delays in procuring easements for final route |
| | |
| East Garden City-Valley Stream Western Nassau Transmission Project (WNTP) | Delay to construction start due to timing of obtaining the Article VII certificate |
| | |
| Ruland Rd. to Plainview New 69KV Circuit | Public outreach delays and cable design delays (underground/overhead transmission design approval) |
| Round Swamp - Establish new 69/13kV Substation | Pending resolution of 69 kV circuit mentioned above |
| | |
| Smart Wires Project | Project cancelled and being replaced with more cost effective alternative |

Major Projects In Service Date by June 30, 2019

Substation, Transmission and Distribution Projects In Service Date by June 30, 2019

Queens Division:

- Far Rockaway – Replace 33kV Switchgear
- Malverne Substation – Upgraded substation to 69/13 kV
- Park Place – Upgrade distribution circuit

Central Nassau Division:

- Hempstead (Phase 1) - Upgraded substation to 69/13 kV
- Floral Park – Upgraded distribution circuits

Western Suffolk Division

- Elwood 6RI Double Bus Tie
- Pilgrim – Install (2) 13kV Switchgear
- Kings Highway – Installed Bank 2 and all Feeders

Eastern Suffolk Division:

- Canal to Southampton circuit – Installed new 69kV underground circuit

FEMA Hazard Mitigation Project – Overview

FEMA 428 Grant - \$729M

Distribution work - \$ 714 million

- Harden 1025 miles of “main-line” (319 circuits)
- Install additional distribution automation (894 switches)

Substation work - \$ 10 million

- Elevate Sandy flooded substation equipment

Transmission work - \$ 5 million

- Address transmission circuits damaged in Sandy
- Focus on roadway and rail crossings

FEMA Hazard Mitigation Project – Status (through May 2019)

Distribution/Transmission work – Project to Date

2019 Cost

- Budget: \$153.2M (includes \$3.4M Transmission Crossings)
- Spend to Date: \$54.7M (includes \$0.8M Transmission Crossings)
- Forecast: \$87.6M (includes \$2.6M Transmission Crossings)
- Year End EAC: \$142.4M (includes \$3.4M Transmission Crossings)

Engineering & Construction

- Engineering: Complete
- OH Miles Constructed: 731.7 miles
- UG Miles Constructed: 132.7 miles
- Switches Installed: 872 (654 commissioned)
- Circuits complete: 216 circuits complete (34 pending punch list completion)
- Construction Completion: Target Q1 2020

Transmission Crossings – Six (6) critical highway crossings

- Engineering: Complete
- Construction - 2 Crossing's completed
- Construction Completion: Target Q3/Q4 2019

Substation Storm Hardening - Status (through May 2019)

Substations – Elevate critical equipment

| Station | Construction | Service Date |
|--------------------|--------------|--------------|
| Arverne 13 kV | Completed | Completed |
| Arverne 33 kV | Completed | Completed |
| Barrett | Completed | Completed |
| Far Rockaway 13 kV | Completed | Completed |
| Long Beach | Completed | Completed |
| Park Place | Completed | Completed |
| Woodmere | Completed | Completed |
| Far Rockaway 33kV | Completed | June 2019 |

FEMA Hazard Mitigation Project

Substation Elevation



Transmission Crossing

