



PSEG Long Island Operating Report

LIPA Board of Trustees March 29, 2023

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Agenda

2023 Metrics

- Select Performance Metric Review
- Customer Services Call Center Update



2023 OSA Metrics

Scope Functions, Metric Areas and Incentive Compensation Allocations

Electric T&D	Customer Services	Information Technology	Business Services	Power Supply & Clean Energy
40% = \$8M*	20% = \$4M*	15% = \$3M*	15% = \$3M*	10% = \$2M*
<u>42</u> Metrics	<u>22</u> Metrics	<u>7</u> Metrics	<u>14</u> Metrics	<u>8</u> Metrics
 Asset Management and EAMS Mis-Operations and Inadvertent Events PTCC/ATCC Reliability Metrics Safety Metrics Work Management and Overtime Vegetation Management Storm Hardening Real Estate Strategy Timely Project Justification Descriptions (PJDs) Projects and Construction - Project Milestones and Cost Estimating Accuracy Completion of Program Planned Units Per Workplan Project Completion Consistent with Project Design Double Wood Poles Program Effectiveness - Vegetation Management Estimated Time of Restoration (ETR) Process Enhancements Regulatory Compliance Physical Security Root Cause Analysis (RCA) Execution and Compliance Program Effectiveness - Storm Hardening 	 Strategic Customer Experience & Billing Projects J.D. Power – Resi and Business CIS Modernization Customer Transactional Performance Billing Exception Cycle Time Billing – Cancelled Rebill Contact Center Service Level First Call Resolution (FCR) Net Dollars Written Off Arrears % >90 Days LMI Program Participation DPS Complaint Rate Outage Information Satisfaction AMI Roadmap and 2023 Improvements DPA Improvement Payment Transaction Ease IVR Containment Rate LSE Customer Compliance Estimated Bill % Move Process Improvement AMI Meter Validation, Estimations and Editing Enhancements 	 Organizational Maturity Level System Resiliency System and Software Lifecycle Management Project Performance - In-flight Projects Projects Performance – New 2023 Projects System Segregation Cyber Security Organization - Structure, Staffing and Capabilities Review 	 Enterprise Risk Management (ERM) Full Time Vacancy Rate Affiliate Cost and Quality Justifications Capital Project Impact Analysis and Tracking Process Substation Property Tax Reports Utility Marketing Effectiveness Reputation Management Social Media Engagement and Following Storm Event Invoicing FEMA Tropical Storm Isaias Grant LMI Tariff and Billing Consolidate Real Estate Footprint 	 Complete Integrated Resource Plan (IRP) Follow-on Activities Complete Energy Storage Request for Proposal (RFP) Follow-on Activities Energy Efficiency Plan Savings Beneficial Electrification – Building Electrification Electric Vehicle (EV) Make-Ready Transition to New "Standard" Time of Day Residential and Small Business Rates on an Opt-Out Basis Implementation of Utility 2.0 Projects Heat Pump Strategy to Address Barriers to Customer Adoption

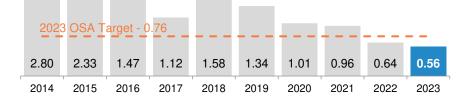


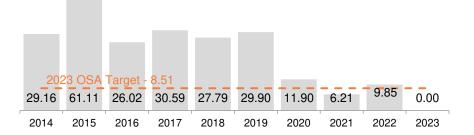
Safety Performance

OSHA Recordable Incident Rate



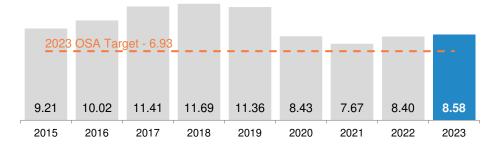
OSHA Days Away Rate (Severity)



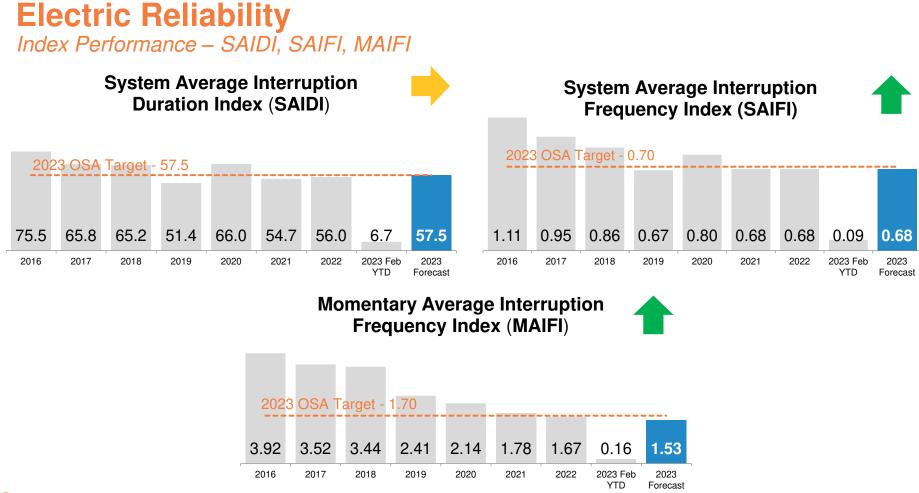


Motor Vehicle Accident Rate





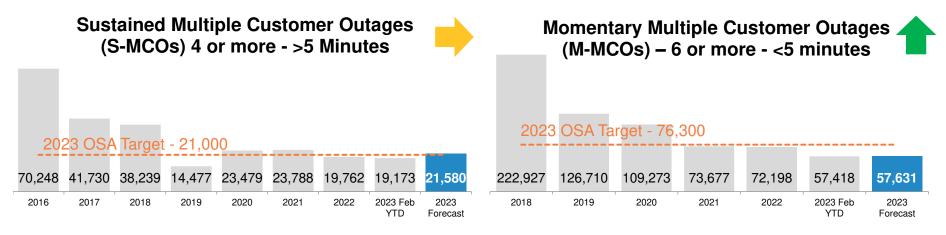






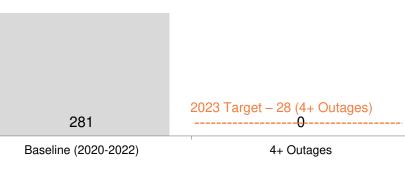
Electric Reliability

Multiple Customer Outages – Sustained, Momentary and Repeat MCO



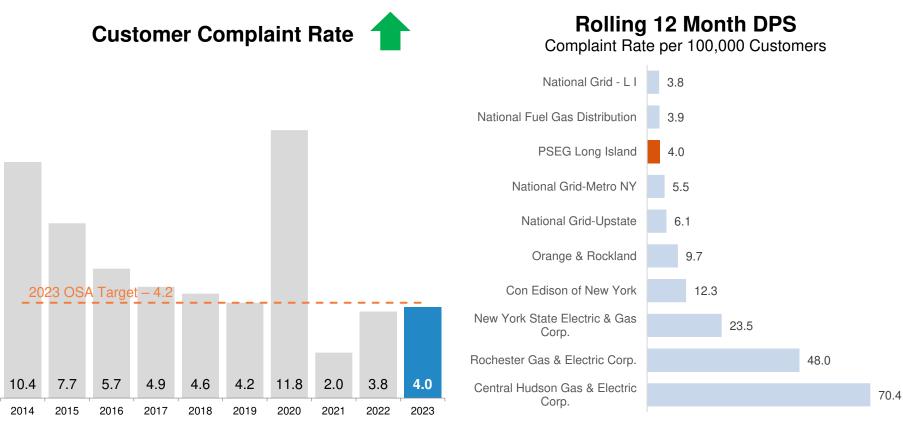
Repeat Customer Sustained Multiple Customer Outages (S-MCOs)







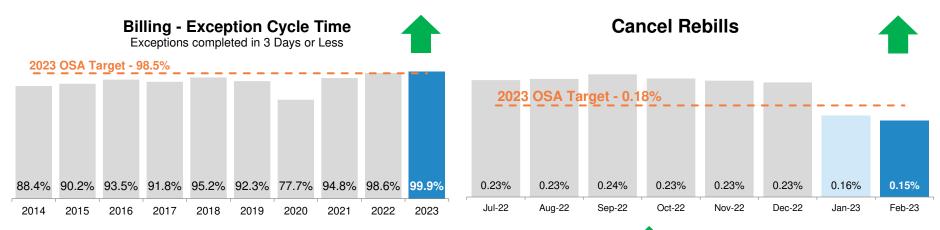
NYS DPS Customer Complaint Rate



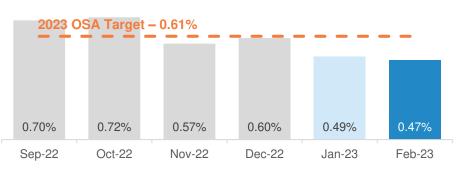


Billing Metrics

Exception Cycle Time, Cancel Rebills, Estimating Billing %



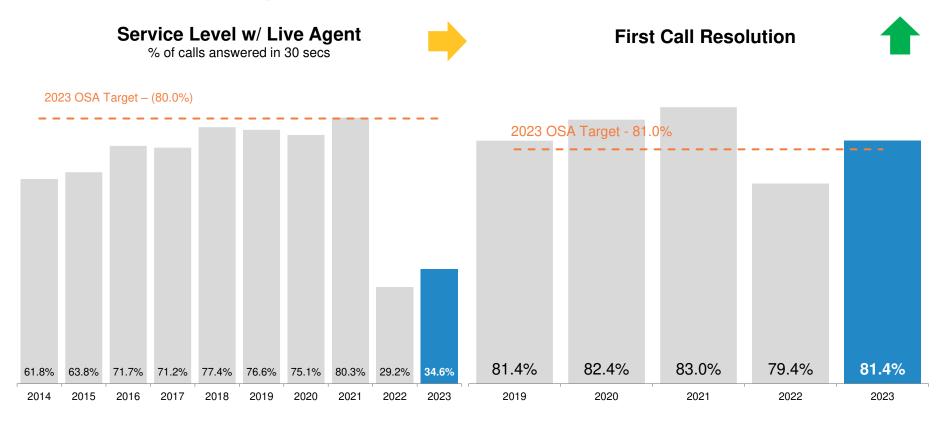
Estimated Billing %





Customer Contact

Service Level with Live Agent Calls, First Call Resolution





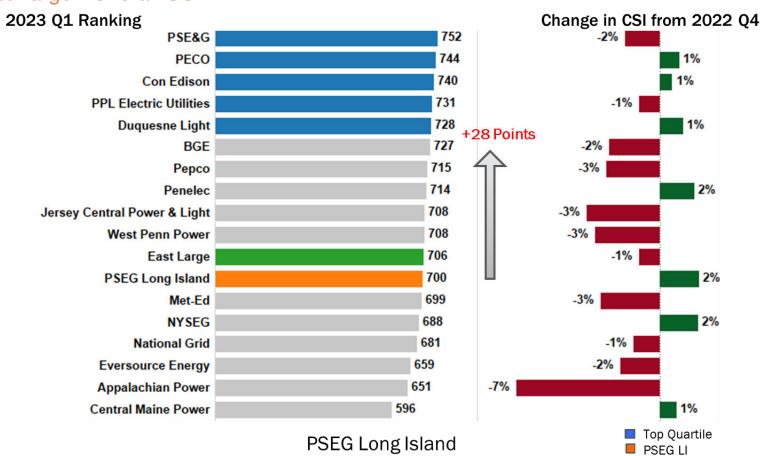
JD Power – Residential

Overall Customer Satisfaction Index

- 2023 Q1 (conducted in Jan/Feb 2023) score is 700, a +13 point change in CSI from the last quarter (687).
 - Communications +17
 - Corporate Citizenship +16
 - PQR Index +15
 - Customer Care +14 (small sample)
 - Price +11
 - Billing & Payment +10
- The Q1 score is +10 points higher than 2022 CSI (690) and moves us up to third quartile, ranking 11 of 17 utilities in East Large.



JD Power – Residential Q1 - East Large - Overall CSI



Sample size = 223

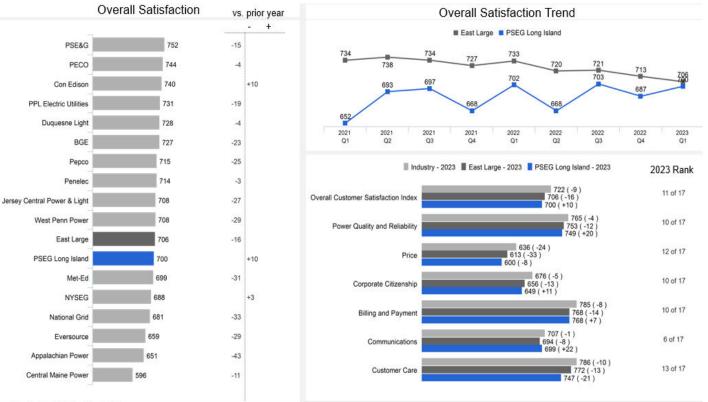


11

슈 To Reach Top Quartile

JD Power – Residential

Overall Customer Satisfaction Index



Filters Applied: PSEG Long Island 2023

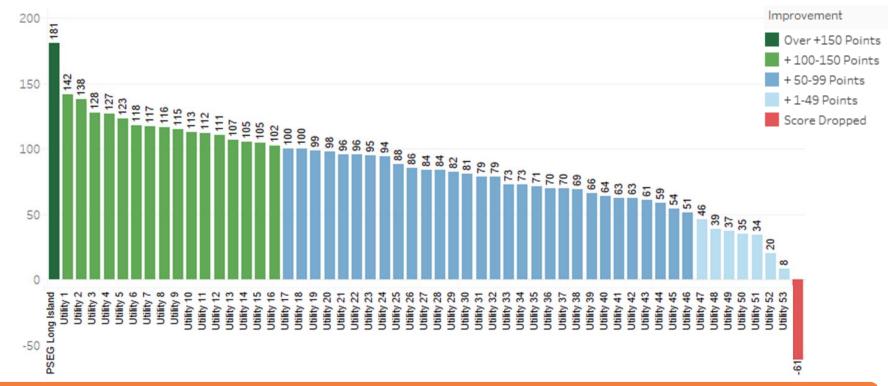
*Small sample | Insufficient data suppressed | © J.D. Power. All Rights Reserved. CONFIDENTIAL & PROPRIETARY.

ectric Utility Residential Customer Satisfaction Study | Executive Overview | 2023-03-21



J.D. POWER

JD Power – Residential Most Improved Large Utility – 2014 → 2023 W1



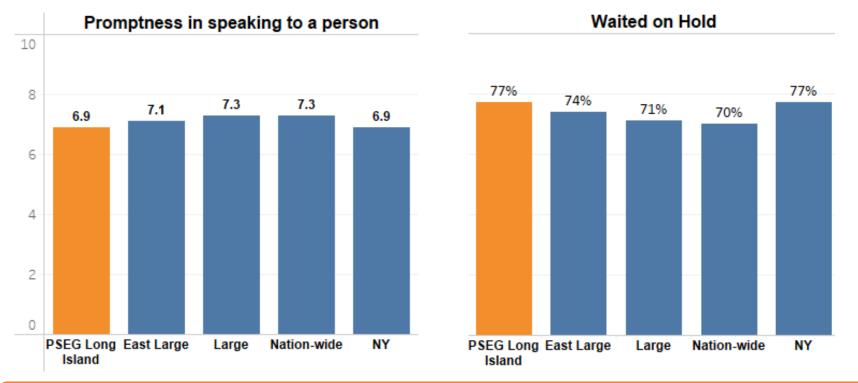
J.D. Power Residential Overall Satisfaction scores for PSEG Long Island have increased 181 points (35%) since inception (700 vs. 519), a greater improvement than all other Large Utilities.





Customer Services Call Center Update

JD Power – Residential W1 2023 Customer Care – Phone Performance



The satisfaction and wait time of PSEG Long Island who contacted by phone is slightly behind East large utilities, although closely aligned with NY utilities as a whole.



Call Center Performance Industry Trends

- Average handle time (AHT) continues to increase among surveyed utilities. AHT was 376 seconds, up from 332 seconds in 2018—a 13.3% increase.
- The average speed to answer (ASA) also increased. ASA was 100 seconds, up from 89 seconds in 2018 a 12.4% increase.
- Many utilities have relaxed their service-level goals. The median service-level goal in 80/60, while the 2018 goal was 80/30.

The COVID-19 pandemic affected utility contact center metrics in varying ways. Some utilities reported increased call volumes while others said a decrease in staffing affected overall service levels. Below is a thematic summary of impacts:

- When collections and disconnects for nonpayment resumed, call centers experienced increased Average Handle Time (AHT) due to credit/collections negotiations taking longer.
- Call volumes, AHT, and Service Level actual performance have been impacted by the pandemic and the suspension of disconnects.
- KPIs suffered because companies were short staffed and had a hard time rehiring; Began disconnecting for non-pay and subsequently went through high bill season, negatively impacting ability to maintain the service level for several months



Call Center Key Performance Indicators

Industry Trends – AGA/EEI* – Customer Contact Service Level Goals

		Seconds										
	Service Level	20	25	30	35	45	60	120	180			
	60-70%	0	0	2	88 1	8 0	0	0	0			
Rep Only	71-80%	1	0	7	8 0	8 0	1	0	0			
	81-100%	0	0	8 0	0	8 0	0	1	0			
Bond	60-70%	0	0	8 4	0	8 0	3	0	0			
Rep+	71-80%	4	0	15	0	2	14	0	8 1			
Technology	81-90%	0	8 0	88 0	88 0	88 0	88 0	8 0	8 0			

- 43 companies utilize a target including IVR satisfied calls versus 13 companies that measured it only at the rep level
- The highest concentrated targets are 80%/30s w/ technology, 80%/60s w/ technology and 80%/30s rep only
- PSEG Long Island's 2022 and 2023 target is rep only and aligns to 80%/30s
- Continue to monitor and analyze industry service level trends and measure impact of various service levels on customer satisfaction; Perform associated cost/benefit analyses to determine if funding would be better directed to other initiatives to drive increased satisfaction.





Appendix Detailed Scorecard Results – February Scorecards



Electric T&D Scope Function Scorecard



PSEG Long Island OSA 2023 Scope Specific Function - Electric T&D

	Operations Services Agreement Metrics		February YTD							
Metric #		\$ Allocation	Metric Type	Low/ High	OSA YE Target	OSA YTD Target	YTD Result	OSA Forecast	Month Result	
T&D-01	Asset Management Program Implementation - Asset Inventory	\$167,140	Hybrid	н	1	1	1	1	1	
T&D-02	Asset Management Program Implementation - AM Governance	\$167,140	Project	н		7.0.0	1	+	1	
T&D-03	Enterprise Asset Management System Implementation	\$668,560	Project	н	See Sh	nartsheet	1	+	1	
T&D-04	T&D System Relay Operations - Relay Mis-Operations	\$111,427	Quantitative	L	13	2	1	+	1	
T&D-05	T&D Inadvertent Operation Events	\$111,427	Quantitative	ε L.	26	4	6	+	4	
T&D-06	Primary and Alternative Trans Control Center Replacement	\$278,567	Project	н	See Sm	artsheet	1	+	1	
T&D-07	SAIDI (System Average Interruption Duration Index)	\$334,280	Quantitative	L	57.5	7.6	6.7	-	3.3	
T&D-08	SAIFI (System Average Interruption Frequency Index)	\$222,853	Quantitative	L	0.70	0.10	0.09	+	0.05	
T&D-09	MAIFI (Momentary Average Interruption Frequency Index)	\$167,140	Quantitative	L	1.70	0.23	0.16	+	0.07	
T&D-10	Sustained Multiple Customer Outages (MCO) - 4 or more	\$139,283	Quantitative	L	21,000	21,000	19,173	+	N/A	
T&D-11	Reduce Repeat Customer Sustained MCOs	\$83,570	Quantitative	L	28	5	0	+	N/A	
T&D-12	Momentary MCO (6 or more)	\$111,427	Quantitative	L	76,300	76,300	57,418	+	N/A	
T&D-13	Serious Injury Incident Rate (SIIR)	\$222,853	Quantitative	L	0.00	0.00	0.00	+	0.00	
T&D-14	OSHA Recordable Incidence Rate	\$222,853	Quantitative	L	0.76	0.76	0.51	+	0.99	
T&D-15	OSHA Days Away Rate (Severity)	\$222,853	Quantitative	L	8.51	8.51	0.00	+	0.00	
T&D-16	Motor Vehicle Accident Rate	\$167,140	Quantitative	L	6.93	6.93	8.58	+	16.75	
T&D-17	Work Mgmt Enhancements - Short-Term Scheduling	\$111,427	Project	н			1	+	1	
T&D-18	Work Mgmt Enhancements - Workforce Mgmt Plans	\$278,567	Project	н	See Sn	nartsheet	1	+	1	
T&D-21	WME - Work Mgmt KPIs & Dashboards	\$111,427	Project	н			1	+	1	
T&D-23	Employee Overtime	\$167,140	Quantitative	н	100.0%	100.0%	50.0%	+	N/A	
T&D-24	Veg Mgmt Work Plan - Cycle Tree Trim With Veg Intelligence	\$222,853	Hybrid	н	1	1	1	+	1	

Notes:

Color Coding in YTD Result column represents current status versus YTD Plan.
 YE Forecast is a subjective estimate of whether each metric is expected to meet the YE Target.
 * For Project and Hybrid metrics, 1= Pass and 0 = Fail

YTD Result Color

Worse than YTD Plan

1 On track to meet Target At or Better than YTD Plan

A Meeting Target at risk

YE Forecast

Not expected to meet Target



Electric T&D Scope Function Scorecard



PSEG Long Island OSA 2023 Scope Specific Function - Electric T&D

		February YTD							
Metric #	Operations Services Agreement Metrics	\$ Allocation	Metric Type	Low/ High	OSA YE Target	OSA YTD Target	YTD Result	OSA Forecast	Month Result
T&D-25	Veg Mgmt Work Plan - Trim-To-Sky (TTS) Circuits	\$278,567	Hybrid	н	1	1	1	+	1
T&D-26	Veg Mgmt Work Plan - Hazard Tree Removal	\$334,280	Hybrid	н	1	1	1	+	1
T&D-27	Storm Hardening Work Plan - Overhead Hardening	\$278,567	Hybrid	н	1	1	1	+	1
T&D-28	Storm Hardening Work Plan - Underground Hardening	\$167,140	Hybrid	н	1	1	1	+	1
T&D-29	T&D System Enhancements	\$167,140	Project	н	See Sm	artsheet	1	+	1
T&D-30	Storm Hardening Work Plan - ACRV Commissioning Program	\$278,567	Hybrid	н	1	1	1	+	1
T&D-31	Storm Hardening Work Plan - LT5H (ASUV) Program	\$167,140	Hybrid	н	1	1	1	+	1
T&D-33	Execute Real Estate Strategy	\$139,283	Project	н	00		1	+	1
T&D-34	Construction – Quality and Timely Completion of PJDs	\$222,853	Project	н	See Sm	artsheet	July	+	July
T&D-35	Construction - Project Milestones Achieved	\$222,853	Quantitative	н	90.0%	90.0%	94.1%	+	85.7%
T&D-36	Construction - Cost Estimating Accuracy	\$222,853	Quantitative	н	90.0%	90.0%	87.0%	+	N/A
T&D-37	Completion of Program Planned Units Per Workplan	\$445,707	Quantitative	н	100.0%	100.0%	100.0%	+	N/A
T&D-38	Program Unit Cost Variance	\$222,853	Quantitative	L	100.0%	100.0%	100.0%	+	N/A
T&D-39	Project Completion Consistent with Project Design	\$111,427	Quantitative	н	100.0%	100.0%	100.0%	+	N/A
T&D-40	Double Woods	\$55,713	Quantitative	L	5,829	6,369	6,634	+	N/A
T&D-41	Program Effectiveness - Vegetation Management	\$194,997	Quantitative	L	-50.0%	-50.0%	2.9%	+	6.9%
T&D-42	Estimated Time of Restoration (ETR) Process Enhancements	\$278,567	Project	н	See Sm	artsheet	1	+	1
T&D-44	Regulatory Compliance	\$167,140	Hybrid	H	1	1	1	+	1
T&D-45	Physical Security	\$278,567	Project	н			1	+	1
T&D-46	Root Cause Analysis (RCA) Execution and Compliance	\$194,997	Project	H	See Sm	artsheet	1	+	1
T&D-48	Program Effectiveness - Storm Hardening	\$194,997	Quantitative	L	8	1	0	+	0

Notes:

- Color Coding in YTD Result column represents current status versus YTD Plan.

- YE Forecast is a subjective estimate of whether each metric is expected to meet the YE Target. * For Project and Hybrid metrics, 1= Pass and 0 = Fail

YTD Result Color Worse than YTD Plan

At or Better than YTD Plan

1 On track to meet Target

YE Forecast

A Meeting Target at risk

Not expected to meet Target



Customer Services Scope Function Scorecard



PSEG Long Island OSA 2023 Scope Specific Function - Customer Services

Metric #	Operations Services Agreement Metrics	February YTD								
		\$ Allocation	Metric Type	Low/ High	OSA YE Target	OSA YTD Target	YTD Result	OSA Forecast	Month Result	
CS-01	Delivery of Strategic Customer Experience & Billing Projects	\$334,280	Project	Н	See Sm	artsheet	1	+	1	
CS-02	JD Power Customer Satisfaction Survey (Residential)	\$222,853	Hybrid	н	740 or 10th	740 or 10th	Mar	+	Mar	
CS-03	JD Power Customer Satisfaction Survey (Business)	\$222,853	Hybrid	н	9th Rank	9th Rank	Jul	+	Jul	
CS-04	CIS Modernization	\$445,707	Project	н	See Sm	artsheet	1	+	1	
CS-05	Customer Transactional Performance	\$334,280	Hybrid	н	1	1	1	-	1	
CS-09	Billing Exception Cycle Time	\$55,713	Quantitative	н	98.5%	98.5%	99.9%	+	100.0%	
CS-10	Billing Cancelled Rebill	\$111,427	Quantitative	L	0.18%	0.18%	0.15%	+	0.15%	
CS-11	Contact Center Service Level with Live Agent Calls	\$389,993	Quantitative	н	80.0%	80.0%	34.6%	-	33.9%	
CS-13	First Call Resolution (FCR)	\$111,427	Quantitative	н	81.0%	81.0%	81.4%	+	81.9%	
CS-14	Net Dollars Written Off	\$222,853	Quantitative	L	31,136,189	5,988,753	8,503,873	+	4,975,358	
CS-15	Arrears Aging Percent > 90 Days Past Due	\$334,280	Quantitative	L	52.80%	52.80%	63.97%	+	55.39%	
CS-17	Low to Moderate Income Program Participation	\$111,427	Quantitative	н	50,000	41,651	41,651	+	N/A	
CS-19	Customer Complaint Rate	\$111,427	Quantitative	L	4.2	4.2	4.0	+	3.6	
CS-21	Outage Information Satisfaction	\$222,853	Quantitative	н	70.0%	70.0%	64.5%	+	59.0%	
CS-22	AMI Roadmap and 2023 Improvements	\$111,427	Project	н			1	+	1	
CS-23	Deferred Payment Agreement (DPA) Improvement	\$167,140	Project	н	See Sm	artsheet	1	+	1	
CS-24	Payment Transaction Ease	\$167,140	Quantitative	н	90.0%	90.0%	88.8%	+	89.0%	
CS-25	Interactive Voice Response (IVR) Containment Rate	\$222,853	Quantitative	н	61.0%	58.0%	60.8%	+	62.0%	
CS-26	Life Sustaining Equipment (LSE) Customer Compliance	\$111,427	Project	н	See Sm	artsheet	1	+	1	
CS-27	Estimated Bill %	\$111,427	Quantitative	L	0.61%	0.61%	0.47%	+	0.45%	
CS-28	Move Process Improvement	\$167,140	Project	н	111 0.121		1	-	1	
CS-29	AMI Meter Validation, Est., Editing Enhance & Reporting	\$167,140	Project	н	See Sm	artsheet	1	+	1	

Notes:

Color Coding in YTD Result column represents current status versus YTD Plan.
 YE Forecast is a subjective estimate of whether each metric is expected to meet the YE Target.
 * For Project and Hybrid metrics, 1= Pass and 0 = Fail

YTD Result Color

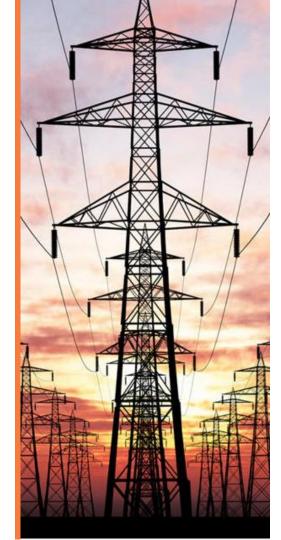
At or Better than YTD Plan Worse than YTD Plan

1 On track to meet Target

YE Forecast

A Meeting Target at risk

Not expected to meet Target



Business Services Scope Function Scorecard



PSEG Long Island OSA 2023 Scope Specific Function - Business Services

					Februa	ary YTD			February
Metric #	Operations Services Agreement Metrics	\$ Allocation	Metric Type	Low/ High	OSA YE Target	OSA YTD Target	YTD Result	OSA Forecast	Month Result
BS-01	ERM - Implementation of the Mitigation Effect. Process	\$167,140	Project	Н	See Sn	nartsheet	1	1	1
BS-05	Full Time Vacancy Rate	\$501,420	Quantitative	н	100.0%	100.0%	60.0%	1	N/A
B\$-07	Complete Affiliate Cost and Quality Justifications	\$278,567	Project	н			1	+	1
BS-08	Improve Capital Proj Impact Analysis & Tracking Process	\$167,140	Project	н			1	+	1
BS-10	Improve Annual Substation Property Tax Reports	\$167,140	Project	н	See Sn	nartsheet	1	1	1
BS-18	Utility Marketing Effectiveness	\$278,567	Project	H			1	+	1
BS-19	Reputation Management – Positive Media Sentiment	\$167,140	Quantitative	н	30.0%	30.0%	43.8%	+	28.5%
BS-20	Reputation Management – Share of Voice	\$167,140	Quantitative	н	50.0%	50.0%	N/A	1	N/A
BS-21	Social Media Engagement and Following	\$278,567	Quantitative	н	100.0%	100.0%	100.0%	1	N/A
BS-22	Timely, Accurate, and Supported Storm Event Invoicing	\$334,280	Hybrid	н	1	1	1	1	1
BS-23	FEMA Tropical Stm Isaias Grant - Engineering to Support	\$167,140	Project	н			1	+	1
BS-24	Improve the Accuracy of Asset Records for Outside Plant	\$167,140	Project	н	0.0		1	+	1
BS-32	Update Low and Moderate Income (LMI) Tariff and Billing	\$167,140	Project	н	See Sm	nartsheet	1	1	1
BS-33	Consolidate Real Estate Footprint	\$334,280	Project	н			1	1	1

Notes:

 Color Coding in YTD Result column represents current status versus YTD Plan.
 YE Forecast is a subjective estimate of whether each metric is expected to meet the YE Target. * For Project and Hybrid metrics, 1= Pass and 0 = Fail

** For BS-5 & BS-21, the YTD result is calculated on pass/fail for each of the components of the metric ...

YTD Result Color

At or Better than YTD Plan Worse than YTD Plan

YE Forecast 1 On track to meet Target

A Meeting Target at risk

Not expected to meet Target

22



Information Technology Scope Function Scorecard



PSEG Long Island OSA 2023 Scope Specific Function - Information Technology

		February YTD									
Metric #	Operations Services Agreement Metrics	\$ Allocation	Metric Type	Low/ High	OSA YE Target	OSA YTD Target	YTD Result	OSA Forecast	Month Result		
IT-01	Organizational Maturity Level	\$612,847	Project	н			1	+	1		
IT-03	System Resiliency	\$724,273	Project	н			1	+	1		
IT-04	System and Software Lifecycle Management	\$111,427	Project	н			1	+	1		
IT-05	Project Performance - In-flight Projects	\$445,707	Project	Н	See Sm	artsheet	1	+	1		
IT-06	Project Performance – New 2023 Projects	\$557,133	Project	н			1	t	1		
IT-07	System Segregation	\$668,560	Project	н			1	+	1		
IT-08	Cyber Sec Org - Structure, Staff & Capabilities Review	\$222,853	Project	н		3	1	+	1		
Notes:		YT	D Result Color			YE Forecast					

Notes: - Color Coding in YTD Result column represents current status versus YTD Plan.

YE Forecast is a subjective estimate of whether each metric is expected to meet the YE Target.
 * For Project metrics, 1= Pass and 0 = Fail

YTD Result Color

At or Better than YTD Plan Worse than YTD Plan YE Forecast To track to meet Target

A Meeting Target at risk

Not expected to meet Target

23



Power Supply and Clean Energy Scope Function Scorecard



PSEG Long Island OSA 2023 Scope Specific Function - Power Supply & Clean Energy

					Februa			February	
Metric #	Operations Services Agreement Metrics	\$ Allocation	Metric Type	Low/ High	OSA YE Target	OSA YTD Target	YTD Result	OSA Forecast	Month Result
PS&CE-01	Complete Integrated Resource Plan Follow-on Activities	\$278,567	Project	н	See Smartsheet		1	+	1
PS&CE-02	Complete Energy Storage RFP Follow-on Activities	\$222,853	Project	н			1	+	1
PS&CE-03	Energy Efficiency Annualized Energy Savings	\$278,567	Quantitative	н	900,730	183,298	178,168	+	97,370
PS&CE-05	Beneficial Electrification	\$111,427	Quantitative	н	100.0%	100.0%	50.0%	+	N/A
PS&CE-06	Electric Vehicle (EV) Make Ready	\$111,427	Quantitative	н	100.0%	100.0%	50.0%	Ŧ	N/A
PS&CE-08	Transition to New Std TOD Resi & Small Business Rates	\$668,560	Project	н			1	+	1
PS&CE-11	Implementation of Utility 2.0 Projects	\$278,567	Project	н	See Smartsheet		1	+	1
PS&CE-13	Heat Pump Strategy to Address Barriers to Customer Adopt	\$278,567	Project	н			1	Ŧ	1
- YE Forecast * For Project n	in YTD Result column represents current status versus YTD Plan. is a subjective estimate of whether each metric is expected to meet the YE Ta tertics, 1= Pasa and 0 = Fail 5 & PS&CE-6, the YTD result is calculated on passifail status of each of the 4	arget.	TD Result Color At or Better that Worse than YTD			YE Forecast The forecast On track to mee Meeting Target a Not expected to	ıt risk	1	