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STIP: Wire-Down Events Due to Equipment Failure

Definition
Wire-Down Events Due to Equipment Failure are instances where a normally energized electric primary distribution or transmission conductor experiences a component or asset failure (e.g., pole or splice) that results in a conductor falling from its intended position and coming to rest on the ground or on a foreign object (e.g., a vehicle or tree).

Target Setting Methodology
The 0.5 target is set equal to a 6% improvement from the 5-year average between 2016 and 2020 forecast 2020. The 1.0 target is set equal to a 6% improvement from the 0.5 target.

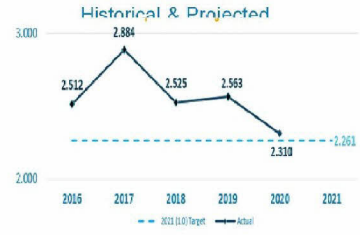
Improvement
The 1.5 target is set equal to a 6% improvement from the 1.0 target.

Any wire down event that occurs on a declared Major Event Day (MED) as

Drivers of Target Performance

2021 Milestones / Activities	Date	Owner
Small Wire Replacement		
System Hardening		

Small wire replacement and system hardening projects are not included in the metric because this information is not consistently reported in the STIP.



YoY Performance Trend	2017	2018	2019	2020	2021	2022	2023	2024
Performance	2,884	2,525	2,563	2,310	2,261			
Quartile	NA							

2021 Performance Goals			
Status	2021 Threshold	% Improve, over '20	Quartile
0.5	2,405		N/A
1.0	2,261		N/A
1.5	2,047		N/A

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STIP: 911 Emergency Response

Definition

This metric measures the percentage of time that PG&E personnel respond (are on site) within 60 minutes after receiving a 911 call, with onsite defined as arriving at the premises when the 911 agency personnel are waiting.

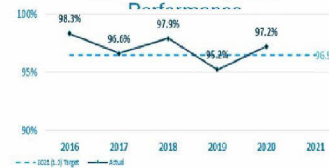
The 0.5 target is set equal to the 0.5 target in 2020. Achieving this target would keep PG&E as a top decile performer. The 1.0 target is set equal to the 1.0 target in 2020. The 1.5 target is set equal to the 1.5 target in 2020.

Exclusions
PG&E has consistently been a top decile performer in the industry over the last five years. Maintaining a 1st decile is recommended because it would require a simultaneous and 40% (cumulative) of shift of focus from other priority work (i.e., wildfire and reliability) for which PG&E is not a top performer compared to other

2021 Milestones / Activities Date Owner

2021 Milestones / Activities	Date	Owner

Historical & Projected Performance



YoY Performance Trend	2017	2018	2019	2020	2021	2022	2023	2024
Performance:	98.3%	96.6%	97.9%	97.2%	96.5%			

PG&E has consistently been among the best in class across the industry over the last five years (1st quartile is 78.6%, 1st decile is 93.7%). Increasing the target is not recommended because it would require a shift of focus from other priority work (i.e., wildfire and reliability) for which PG&E is not a top performer compared to industry peers. If achieved, the 96.5% target would keep PG&E as a top performer in 2021.

2021 Performance Goals			
Status	2021 Threshold	% Improve, over '20	Quartile
0.5	95.5%	n/a	1 st Decile
1.0	96.5%	n/a	1 st Decile
1.5	97.5%	n/a	1 st Decile



STIP: Customers Experiencing Multiple Interruptions (CEMI)

Definition
CEMI5 is an overall measure of reliability that measures the number of customers that experience multiple sustained outages (both Unplanned and Planned).

Target Setting Methodology
CEMI5 is the total number of customers experiencing 5 or more sustained interruptions; the metric is reported as a YTD measure for a rolling 12-month period.
The 1.0 target is set equal to a 5% improvement from the 0.5 target
The 1.5 target is set equal to a 5% improvement from the 1.0 target
A linear trend was used instead of an Exclusions because it would be very unlikely to see near 5 target down (MED) based on the 1.5. Standard the number refer to assist in being trending upwards (0.5

2021 Milestones / Activities

Drivers of Target Performance	Date	Owner

Midrange variance has been the top





LTIP: System Hardening Effectiveness

Definition
 Count of circuit miles worked under System Hardening program within high-fire risk areas to reduce wildfire risk through either (1) rebuild of overhead circuitry to current hardening design standards (2)

Target Setting Methodology
 The initial target was set at 180 miles for FY2017. This was based on the goal of 1.0 HFRA.

LTIP 0.5 goal in 2022 reflects escalation of program funding level; the 2023 LTIP 0.5 goal is set equal to the 2022 level based on the 2020 PRG funding level. For 2024, the target is set at 208 miles for the 2023 stretch goals (LTIP 1.0, 2.0) in the County of Inland Empire.

Drivers of Target Performance		
2021 Milestones / Activities	Date	Owner



Year	2017	2018	2019	2020	2021	2022	2023	2024
Performance	N/A	N/A	171	354	199	466	466	N/A

EOY forecast

2021 Performance Goals			
Status	2021 Threshold	% Improve. over '20	Quartile
0.5	180	N/A	N/A
1.0	199	N/A	N/A
1.5	208	N/A	N/A

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LTIP: Enhanced Vegetation Management Effectiveness

Definition
 Completed circuit miles of vegetation cleared consistent with the EVM program scope within high-fire risk areas to reduce Wildfire Risk through (1) achieving 12' recommended radial clearance (2) removing identified abate trees as identified through the tree assessment tool (LAT) or a subsequent approved hazard tree assessment process (3) removing overhangs above and within 4 feet of power lines (4) reducing vegetative fuels under and adjacent to powerlines on targeted basis. This work is performed in HF-ID areas 2/0 and HF-1/HFRA. All work completed prior to 12/31/2021 or after 12/31/2023.

Label Setting Methodology
 The total mileage of the proposed 2021 Project Portfolio was set as the threshold goal (LTIP 0.5) for 2021.

The target and stretch goals (LTIP 1.0, 2.0) under and adjacent to powerlines on targeted basis. This work is performed in HF-ID areas 2/0 and HF-1/HFRA. All work completed prior to 12/31/2021 or after 12/31/2023.

Routine compliance clearing or the CEMA

Drivers of Target Performance

2021 Milestones / Activities	Date	Owner
Work performed outside of HF-ID / HFRA		



Self Performance Trend	2017	2018	2019	2020	2021	2022	2023	2024
Performance	N/A	2,400	1,800*	1,800*	1,800*	1,800*	N/A	N/A

*2020 EOY forecast
 *Current best case forecast; out-years will depend on prior year completion

2021 Performance Goals			
Status	2021 Threshold	% Improve, over '20	Quartile
0.5	1,800	N/A	N/A
1.0	1,890	N/A	N/A
1.5	2,070	N/A	N/A