

Wildfire Mitigation Programs – 2019 to 2022 Capital Expenditures & O&M

Distribution and Transmission (\$ million)	2019 O&M Actuals	2019 Cap Actuals	2020 O&M Actuals	2020 CAP Actuals	2021 O&M	2021 CAP	2022 O&M	2022 Cap	Total
Community and Development	0.0	0.0	0.1	0.0	1.3	0.0	1.3	0.0	2.6
Community and Risk Management	0.0	0.0	0.0	0.0	0.9	0.0	0.9	0.0	1.8
Wildfire Mitigation Consultant	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.8
Inspection / Modeling	3.6	0.7	1.9	2.8	2.8	0.1	3.3	0.1	15.3
Above Ground-line Inspection	0.0	0.0	0.6	0.0	0.6	0.0	0.0	0.0	1.2
Annual Visual Inspection	0.8	0.0	0.4	0.0	0.4	0.0	0.4	0.0	2.1
Infrared Inspection (Trans.)	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
OH Secondary Open Wire Quantification	0.0	0.7	0.0	0.3	0.0	0.0	0.0	0.0	1.1
Overhead Inspection	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0
Risk Modeling Development	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.2
Situational Awareness Tools	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1
Structure Wind Strength Review	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wind Strength Review	0.4	0.0	0.6	0.0	1.7	0.0	1.7	0.0	4.4
Groundline Pole Assessment	2.1	0.0	0.3	2.5	0.0	0.0	0.0	0.0	4.9
Protection	0.0	0.4	0.1	5.1	0.1	7.5	0.0	11.9	25.1
Design/Construct Protection Schemes	0.0	0.0	0.1	3.3	0.0	0.0	0.0	0.0	3.5
Protection Study for Feeders	0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.4
Recloser Communications Network	0.0	0.0	0.0	0.1	0.1	0.7	0.0	0.0	0.8
Substation Relay Communications Upgrade	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7	1.4
Substation Relay Upgrade	0.0	0.1	0.0	1.5	0.0	6.2	0.0	11.2	19.0
Repair and Replace	1.4	41.6	1.6	58.2	1.2	107.3	1.0	92.3	304.7
Bare Secondary Conductor Replacement	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.2	2.4
Covered Conductor	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	5.7
Distribution Pole Repair/Replace	1.4	33.4	1.5	42.4	0.3	54.1	0.1	14.8	147.9
Equipment upgrade (cutouts, arresters etc.)	0.0	1.0	0.0	-0.3	0.9	1.4	0.9	1.4	5.2
High Priority Defect Correction	0.0	7.2	0.1	14.0	0.1	5.2	0.1	0.5	27.3
Major Line Rebuilds (Conditions-Based)	0.0	0.0	0.0	2.1	0.0	22.2	0.0	56.9	81.2
OH Rebuilds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small Conductor Replacement	0.0	0.0	0.0	0.0	0.0	17.5	0.0	17.5	35.0
Vegetation Management	0.9	0.0	1.9	0.0	1.9	0.0	1.9	0.0	6.6
Mountain Hazard Tree Program (Dist.)	0.4	0.0	1.4	0.0	0.2	0.0	0.2	0.0	2.2
Mountain Hazard Tree Program (Trans.)	0.5	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.9
Pole Brushing - Equipment Poles	0.0	0.0	0.4	0.0	1.1	0.0	1.1	0.0	2.5
ROW Vegetation Type Conversion	0.1	0.0	0.1	0.0	0.2	0.0	0.2	0.0	0.5
Secondary Voltage Line Clearance	0.0	0.0	0.1	0.0	0.2	0.0	0.2	0.0	0.5
Grand Total	6.0	42.8	5.6	66.1	7.3	114.9	7.5	104.2	354.3

Wildfire Mitigation Programs – Distribution - 2019 to 2022

Distribution (\$ million)	2019 O&M Actuals	2019 Cap Actuals	2020 O&M Actuals	2020 CAP Actuals	2021 O&M	2021 CAP	2022 O&M	2022 Cap	2022 Cap
Community and Development	0.0	0.0	0.1	0.0	1.3	0.0	1.3	0.0	2.6
Community and Risk Management	0.0	0.0	0.0	0.0	0.9	0.0	0.9	0.0	1.8
Wildfire Mitigation Consultant	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.8
Inspection / Modeling	2.5	0.7	1.5	2.8	2.4	0.1	2.8	0.1	12.8
Above Ground-line Inspection	0.0	0.0	0.6	0.0	0.6	0.0	0.0	0.0	1.2
OH Secondary Open Wire Quantification	0.0	0.7	0.0	0.3	0.0	0.0	0.0	0.0	1.1
Overhead Inspection	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0
Risk Modeling Development	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.2
Situational Awareness Tools	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1
Wind Strength Review	0.4	0.0	0.6	0.0	1.7	0.0	1.7	0.0	4.4
Groundline Pole Assessment	2.1	0.0	0.3	2.5	0.0	0.0	0.0	0.0	4.9
Protection	0.0	0.4	0.1	5.1	0.1	7.5	0.0	11.9	25.1
Design/Construct Revised Protection Schemes	0.0	0.0	0.1	3.3	0.0	0.0	0.0	0.0	3.5
Protection Study for Feeders	0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.4
Recloser Communications Network	0.0	0.0	0.0	0.1	0.1	0.7	0.0	0.0	0.8
Substation Relay Communications Upgrade	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7	1.4
Substation Relay Upgrade for Remote Non-Reclosing	0.0	0.1	0.0	1.5	0.0	6.2	0.0	11.2	19.0
Repair and Replace	1.4	34.4	1.5	42.1	1.1	79.9	0.9	34.9	196.2
Bare Secondary Conductor Replacement	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.2	2.4
Covered Conductor	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	5.7
Distribution Pole Repair/Replace	1.4	33.4	1.5	42.4	0.3	54.1	0.1	14.8	147.9
Equipment upgrade (cutouts, arresters etc.)	0.0	1.0	0.0	-0.3	0.9	1.4	0.9	1.4	5.2
OH Rebuilds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Small Conductor Replacement	0.0	0.0	0.0	0.0	0.0	17.5	0.0	17.5	35.0
Vegetation Management	0.4	0.0	1.9	0.0	1.5	0.0	1.5	0.0	5.2
Mountain Hazard Tree Program (Distribution)	0.4	0.0	1.4	0.0	0.2	0.0	0.2	0.0	2.2
Pole Brushing - Equipment Poles	0.0	0.0	0.4	0.0	1.1	0.0	1.1	0.0	2.5
Secondary Voltage Line Clearance	0.0	0.0	0.1	0.0	0.2	0.0	0.2	0.0	0.5
Grand Total	4.3	35.5	5.0	50.0	6.4	87.4	6.5	46.8	241.9

Wildfire Mitigation Programs – Transmission - 2019 to 2022

Transmission (\$ million)	2019 O&M Actuals	2019 Cap Actuals	2020 O&M Actuals	2020 CAP Actuals	2021 O&M	2021 Cap	2022 O&M	2022 Cap	Total
Inspection / Modeling	1.2	0.0	0.4	0.0	0.4	0.0	0.4	0.0	2.5
Annual Visual Inspection	0.8	0.0	0.4	0.0	0.4	0.0	0.4	0.0	2.1
Infrared Inspection (Transmission)	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Repair and Replace	0.0	7.2	0.1	16.1	0.1	27.5	0.1	57.4	108.5
High Priority Defect Correction	0.0	7.2	0.1	14.0	0.1	5.2	0.1	0.5	27.3
Major Line Rebuilds	0.0	0.0	0.0	2.1	0.0	22.2	0.0	56.9	81.2
Vegetation Management	0.6	0.0	0.1	0.0	0.4	0.0	0.4	0.0	1.4
Mountain Hazard Tree Program	0.5	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.9
ROW Vegetation Type Conversion	0.1	0.0	0.1	0.0	0.2	0.0	0.2	0.0	0.5
Grand Total	1.7	7.2	0.6	16.1	0.9	27.5	0.9	57.4	112.4