

Ameren Missouri 2021 Customer-Focused Capital Investment Summary

| \$ - Thousands | |
|---|--------------------|
| Category 1 | 2021 Actual |
| Smart, Reliable Grid Operations | 650,734 |
| Smart Meter Program | 81,941 |
| Non-Nuclear Generation & Environmental | 116,975 |
| Nuclear Generation | 77,358 |
| Hydro Generation | 32,370 |
| Renewable & Gas Turbine Generation | 40,979 |
| Secure & Reliable Transmission | 257,119 |
| Cyber & Technology Upgrades | 142,215 |
| Operational & Customer Support Facilities | 94,223 |
| Innovative Opportunities | 5,176 |
| Grand Total - Capital | 1,499,090 |
| Grid Modernization Total | 651,587 |
| Ongoing Operations Total | 847,503 |
| Grid Modernization Total Percent | 43.5% |
| Smart Meter Program Total (Excluding TOU) | 65,085 |
| Smart Meter Program Total Percent | 4.3% |
| Wind Asset Acquisition | 518,876 |
| Grand Total, Including Wind | 2,017,966 |

Ameren Missouri 2021 Customer-Focused Capital Investment Detailed Summary

\$ - Thousands

| Category 1 | 2021 Actual | 2021 Plan | \$ Variance | % Variance | Notes* |
|--|------------------|------------------|-----------------|---------------|--|
| Smart, Reliable Grid Operations | | | | | |
| Grid Modernization | 387,511 | 455,112 | (67,601) | (14.9%) | Under primarily due to significant supply chain delays and changes to workforce allocation in response to storm support. |
| Ongoing Operations | 263,223 | 216,817 | 46,406 | 21.4% | Over primarily due to storm restoration and new business. |
| Smart Meter Program | | | | | |
| Grid Modernization | 81,941 | 84,054 | (2,113) | (2.5%) | |
| Non-Nuclear Generation & Environmental | | | | | |
| Grid Modernization | 2,254 | 2,664 | (410) | (15.4%) | |
| Ongoing Operations | 114,721 | 139,703 | (24,982) | (17.9%) | Under primarily due to deferrals of major outages and projects along with significant supply chain delays. |
| Nuclear Generation | | | | | |
| Grid Modernization | 805 | 2,685 | (1,880) | (70.0%) | |
| Ongoing Operations | 76,553 | 76,098 | 455 | 0.6% | |
| Hydro Generation | | | | | |
| Grid Modernization | 2,116 | 2,236 | (120) | (5.4%) | |
| Ongoing Operations | 30,254 | 41,648 | (11,394) | (27.4%) | Under primarily due to deferrals of major projects related to elevators and refurbishment outages. |
| Renewable & Gas Turbine Generation | | | | | |
| Grid Modernization | 776 | 3,261 | (2,485) | (76.2%) | |
| Ongoing Operations | 40,203 | 49,109 | (8,906) | (18.1%) | |
| Secure & Reliable Transmission | | | | | |
| Grid Modernization | 132,099 | 130,710 | 1,389 | 1.1% | |
| Ongoing Operations | 125,020 | 118,753 | 6,267 | 5.3% | |
| Cyber & Technology Upgrades | | | | | |
| Grid Modernization | 40,620 | 34,830 | 5,790 | 16.6% | |
| Ongoing Operations | 101,595 | 94,258 | 7,337 | 7.8% | |
| Operational & Customer Support Facilities | | | | | |
| Ongoing Operations | 94,223 | 91,617 | 2,606 | 2.8% | |
| Innovative Opportunities | | | | | |
| Grid Modernization | 3,465 | 10,876 | (7,411) | (68.1%) | |
| Ongoing Operations | 1,711 | 1,946 | (235) | (12.1%) | |
| Grand Total | 1,499,090 | 1,556,377 | (57,287) | (3.7%) | |

| | |
|---|------------------|
| Grid Modernization Total | 651,587 |
| Ongoing Operations Total | 847,503 |
| Grid Modernization Total Percent | <u>43.5%</u> |
| Smart Meter Program Total (Excluding TOU) | 65,085 |
| Smart Meter Program Total Percent | <u>4.3%</u> |
| Wind Asset Acquisition | 518,876 |
| Grand Total, Including Wind | 2,017,966 |

*Variances greater than \$10M (+/-) are explained.

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

| Key | |
|---------------------------|--|
| Black Font | Planned 2021 Filing Projects/SWO-Funded Projects/Project Closeouts |
| Blue Font | Emergent 2021 Projects |
| Project Status "√" | Projects Placed in Service by 2021 |
| Project Status "S" | Projects with Spend but Not in Service by 2021 |
| Project Status "R" | Rescheduled/To Be Rescheduled Projects |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance | | |
|--|-------------------------|---------------------------------------|--|--|-------------|-----------|--------------|------------|--------------|
| Smart, Reliable Grid Operations | Distribution Operations | Customer Requested | JOTVK - Fleet Services EV Chargers | S | | | | | |
| | | Customer Requested Total | | | 31 | | 31 | | |
| | | Emergent Business | JONBX - [REDACTED] -XFMR Serv | ✓ | | | | | |
| | | | JOQ1B - [REDACTED] Prim Serv | ✓ | | | | | |
| | | | JORTN - [REDACTED] -New Feeder Extension 246-003 | S | | | | | |
| | | | JOVGT - [REDACTED] | S | | | | | |
| | | | JOVRN - [REDACTED] 136-52, Conductor Upgrade | S | | | | | |
| | | Emergent Business Total | | | 1,460 | 541 | 919 | | |
| | | Reliability & NESC | JOV4L - RELB-[REDACTED] 585-53 | S | | | | | |
| | | Reliability & NESC Total | | | 206 | | 206 | | |
| | | Distribution Operations Total | | | | | 1,697 | 541 | 1,156 |
| | | Grid Resiliency/Operating Flexibility | Convert 4kV to 12kV | JOPOZ - [REDACTED] Pad-mount XFMR-Line-C | ✓ | | | | |
| | | | | JOJDW - [REDACTED] Sub-UG-C | ✓ | | | | |
| | | | | JOJCD - [REDACTED] , New Sub-Line-C | ✓ | | | | |
| JOLZC - [REDACTED] 138-12kV - Xmsn Tap | ✓ | | | | | | | | |
| JOJJD - [REDACTED] 138-12kV-Sub-C | ✓ | | | | | | | | |
| JOSGF - [REDACTED] -mount XFMR-Line-C | S | | | | | | | | |
| JOJDQ - [REDACTED] Sub Second Unit-Sub-C | S | | | | | | | | |
| JOJF6 - [REDACTED] Sub Second Unit-UG-C | S | | | | | | | | |
| JOKSM - [REDACTED] 12 kV Sub 2nd Unit-Sub-C | S | | | | | | | | |
| JOJ3L - [REDACTED] 12kV Sub 2nd Unit-UG-C | S | | | | | | | | |
| JOSHB - [REDACTED] 002-12kV Upgrade | S | | | | | | | | |
| JOP1G - [REDACTED] 103-1 12kV Conversion | S | | | | | | | | |
| JOSGG - [REDACTED] Pad-mount XFMR-Line-C | S | | | | | | | | |
| JOSH3 - [REDACTED] e 12kV Modernize-Site-C | S | | | | | | | | |
| JOJD7 - [REDACTED] Sub 138-12kV-Line-C | S | | | | | | | | |
| JOJF7 - [REDACTED] Sub 138-12kV-UG-C | S | | | | | | | | |
| JORPX - [REDACTED] New 34-12 kV Sub CNTL-C | S | | | | | | | | |
| JOKQD - [REDACTED] New 34-12 kV Sub-Sub-C | S | | | | | | | | |
| JOJ5P - [REDACTED] New 34-12 kV Sub-UG-C | S | | | | | | | | |
| JOSGB - [REDACTED] 12kV-Line-C | R | | | | | | | | |
| JOSH4 - [REDACTED] 12kV-Sub-C | R | | | | | | | | |
| JOSHH - [REDACTED] 12kV-UG-C | R | | | | | | | | |
| JOSH2 - [REDACTED] Pad-mount XFMR Sub Rem-C | R | | | | | | | | |
| JOSH0 - [REDACTED] Pad-mount XFMR-Site-C | R | | | | | | | | |
| JONWL - [REDACTED] 138-12kV Substation-RE-C | R | | | | | | | | |
| JONXF - [REDACTED] 138-12kV Substation-Sub-C | R | | | | | | | | |
| JOP11 - [REDACTED] Pad-mount XFMR-Site-C | R | | | | | | | | |
| JOSGW - [REDACTED] 12 kV Sub-Site-C | R | | | | | | | | |
| JOSH5 - [REDACTED] 12 kV Sub-Sub-C | R | | | | | | | | |
| JOSHJ - [REDACTED] 12 kV Sub-UG-C | R | | | | | | | | |
| JOSHK - [REDACTED] 610 2.4kV to 4.2kV | R | | | | | | | | |
| JOSH D - [REDACTED] 005-12kV Upgrade | R | | | | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance | | | |
|--|---|---------------------|---|----------------|-------------|--|----------|--------|--------|----------|
| Smart, Reliable Grid Operations | Grid Resiliency/ Operating Flexibility | Convert 4kV to 12kV | JOSHG - [REDACTED] 006-12kV Upgrade | R | | | | | | |
| | | | JOP1Q - [REDACTED] Area Conversion-Sub-C | R | | | | | | |
| | | | JOSH6 - [REDACTED] Pad-mount XFMR- Sub-C | R | | | | | | |
| | | | JOSGN - [REDACTED] 001-12kV Upgrade | R | | | | | | |
| | | | JOSGT - [REDACTED] 004-12kV Upgrade | R | | | | | | |
| | | | JOSGV - [REDACTED] 005-12kV Upgrade | R | | | | | | |
| | | | JOP14 - [REDACTED] 4-12kV Conversion-LINE-C | R | | | | | | |
| | | | JOP01 - [REDACTED] 4-12kV Conversion-UG-C | R | | | | | | |
| | | | JOSH1 - [REDACTED] Pad-mount XFMR-Sub-C | R | | | | | | |
| | | | JOP0M - [REDACTED] Pad-mount XFMR-Line-C | ✓ | | | | | | |
| | | | JOTVF - [REDACTED] 34-12kV Sub-Site-C | S | | | | | | |
| | | | JOWBW - [REDACTED] 34-12kV Sub-Sub-C | S | | | | | | |
| | | | JOSGD - [REDACTED] Pad-mount XFMR- Line-C | S | | | | | | |
| | | | JOJFC - [REDACTED] Sub-Site-C | S | | | | | | |
| | | | JOP24 - [REDACTED] Pad-mount XFMR-Line-C | S | | | | | | |
| | | | Convert 4kV to 12kV Total | | | | | 26,953 | 48,429 | (21,476) |
| | | | Line Capacity Increases | | | JOP3N - [REDACTED] New 34kV Feeder-Sub-C | ✓ | | | |
| | | | | | | JOP3Q - [REDACTED] New 34kV Feeder-UG-C | ✓ | | | |
| | | | | | | JOP7K - [REDACTED] 786-51 [REDACTED] | ✓ | | | |
| | | | | | | JOFFS - [REDACTED] 630-53 [REDACTED] Extension | ✓ | | | |
| JOQ9W - [REDACTED] 630-53 [REDACTED] Extension PH2 | ✓ | | | | | | | | | |
| JOKNC - [REDACTED] 161-54_161-51 Recond-Tie | ✓ | | | | | | | | | |
| JOP15 - [REDACTED] relieve 190-54 | ✓ | | | | | | | | | |
| JOP1R - [REDACTED] -68/71 Reconductor | ✓ | | | | | | | | | |
| JORRX - [REDACTED] 856-57 [REDACTED] Recon | ✓ | | | | | | | | | |
| JOQX4 - [REDACTED] 20-5, [REDACTED] Upgrade | ✓ | | | | | | | | | |
| JORS2 - [REDACTED] -79 Reconductor | ✓ | | | | | | | | | |
| JOQT8 - [REDACTED] 638-52 Feeder Extension | ✓ | | | | | | | | | |
| JOQF7 - [REDACTED] 844-51 25KV CONVERSION PH4 | ✓ | | | | | | | | | |
| JOP2D - [REDACTED] -74 Reconductor | ✓ | | | | | | | | | |
| JOP7J - [REDACTED] 545 Install New Feeder | ✓ | | | | | | | | | |
| JOCBF - [REDACTED] 258-54 New Fdr Line - C | ✓ | | | | | | | | | |
| JOQVD - [REDACTED] 209-52, EQPT Upgr | ✓ | | | | | | | | | |
| JOKNW - [REDACTED] 561-51 Momentary Outages | ✓ | | | | | | | | | |
| JOP02 - [REDACTED] -72 RECON to [REDACTED] | S | | | | | | | | | |
| JOP0H - [REDACTED] 503-52 FDR Extension | S | | | | | | | | | |
| JORQW - [REDACTED] New 34kV Feed-Line-C | S | | | | | | | | | |
| JORR3 - [REDACTED] New 34kV Feed-Sub-C | S | | | | | | | | | |
| JOP1K - [REDACTED] -80 New 34.5 kV Circuit-UG-C | S | | | | | | | | | |
| JOP3T - [REDACTED] -80 New 34.5kV Circuit-Sub-C | S | | | | | | | | | |
| JORRZ - [REDACTED] -78 Reconductor | S | | | | | | | | | |
| JORS0 - [REDACTED] -74 Extension from [REDACTED] Sub | S | | | | | | | | | |
| JOKD8 - [REDACTED] 740-51 tie to [REDACTED] 939-53 | S | | | | | | | | | |
| JORRW - [REDACTED] -77 & [REDACTED] 78 Reconductor | S | | | | | | | | | |

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\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance | | | |
|---|---------------------------------------|-------------------------|---|----------------|-------------------------------|--|----------|--------|--------|------|
| Smart, Reliable Grid Operations | Grid Resiliency/Operating Flexibility | Line Capacity Increases | JOTDM - ██████████-56 ██████████ Ph 1 | S | | | | | | |
| | | | JOP0X - ██████████ 161-55 ██████████ 571-53 Recond DA | R | | | | | | |
| | | | JOJQ6 - ██████████ | R | | | | | | |
| | | | JOTPP - ██████████ | ✓ | | | | | | |
| | | | JOTGJ - ██████████ Solar Distribution | ✓ | | | | | | |
| | | | JOTVX - ██████████ 185-57 Tie Improvement ██████████ | ✓ | | | | | | |
| | | | JOP07 - ██████████-75, Reconductor on ██████████ | S | | | | | | |
| | | | JOVJR - ██████████ 630-53 ██████████ Extension Ph3 | S | | | | | | |
| | | | JOT3X - ██████████ 630-53 ██████████ to ██████████ | S | | | | | | |
| | | | JOT3Z - ██████████-73 Reconductor ██████████ | S | | | | | | |
| | | | JOSJV - ██████████ Pad-mount XFMR-Line-C | S | | | | | | |
| | | | JOT40 - ██████████-72 UPGR | S | | | | | | |
| | | | JOV76 - ██████████ 168-52 & ██████████ 186-51 3-PHS TIE | S | | | | | | |
| | | | JOVTQ - ██████████ 168-52 3-PHS EXTENSION | S | | | | | | |
| | | | JOP1H - ██████████-80 New 34.5 kV Circuit-Line-C | S | | | | | | |
| | | | JOSKV - ██████████-T1 Reconductor-Line-C | S | | | | | | |
| | | | JOSKN - ██████████-T1 Reconductor-UG-C | S | | | | | | |
| | | | JOV0C - ██████████ 207-54 Circuit Improvement | S | | | | | | |
| | | | JOT41 - Reconductor ██████████-88 | S | | | | | | |
| | | | JOP3D - ██████████-73, New 34.5kV Circuit-Line-C | S | | | | | | |
| | | | JOSKF - ██████████-73, New 34.5KV Circuit-Sub-C | S | | | | | | |
| | | | JOVSX - ██████████ Solar Distribution-C | S | | | | | | |
| | | | JOP3F - ██████████ ██████████ Relieve 575-52 | S | | | | | | |
| | | | Line Capacity Increases Total | | | | | 25,064 | 25,129 | (65) |
| | | | | | Substation Capacity Increases | JOHFG - ██████████ | ✓ | | | |
| | | | | | | JOQP5 - ██████████ Sub New Feeder 234-56-Sub-C | ✓ | | | |
| | | | | | | JORRK - ██████████ Transformer W Upgrade | ✓ | | | |
| JOJMR - ██████████ (2)22MVA Line-C | ✓ | | | | | | | | | |
| JOJHX - ██████████ Site | ✓ | | | | | | | | | |
| JOG4W - ██████████ 34-12 kV Customer Sub-UG-C | ✓ | | | | | | | | | |
| JOGDV - ██████████ 34-12kV Customer Sub-Sub-C | ✓ | | | | | | | | | |
| JOKP9 - ██████████-73, ██████████-Line-C | ✓ | | | | | | | | | |
| JOKSK - ██████████-73, ██████████-Sub-C | ✓ | | | | | | | | | |
| JOKZB - ██████████ Substation-Sub-C | ✓ | | | | | | | | | |
| JOKSC - ██████████ Sub Upgr- Sub-C | ✓ | | | | | | | | | |
| JOHLC - ██████████ Sub - C | ✓ | | | | | | | | | |
| JOJCI - ██████████ Long Term Plan-Line-C | ✓ | | | | | | | | | |
| JOLD0 - ██████████ Long Term Plan-Sub-C | ✓ | | | | | | | | | |
| JOSJS - ██████████ Pad-mount XFMR-Line-C | S | | | | | | | | | |
| JOJG8 - ██████████ Add Xfmr - Sub - C | S | | | | | | | | | |
| JOJ9S - ██████████ Add Xfmr-Line-C | S | | | | | | | | | |
| JOJF8 - ██████████ Add Xfmr-UG -C | S | | | | | | | | | |
| JOJDM - CBM ██████████ Upgr - Sub - C | S | | | | | | | | | |
| JOJP4 - CBM ██████████ UPGR 34.5Kv-Line-C | S | | | | | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance |
|---|---|-------------------------------|---|----------------|-------------|-----------|----------|
| Smart, Reliable Grid Operations | Grid Resiliency/ Operating Flexibility | Substation Capacity Increases | JOKSJ - [REDACTED] Sub Site Purchase-C | S | | | |
| | | | JOKSH - [REDACTED] Sub Substation-C | S | | | |
| | | | JOSK7 - [REDACTED] New 34.5-13.8 kV Sub-Sub-C | S | | | |
| | | | JOSKJ - [REDACTED] New 34.5-13.8 kV Sub-UG-C | S | | | |
| | | | JOSKO - [REDACTED] 34-12kV Sub-Site-C | S | | | |
| | | | JOJDG - [REDACTED] - 2nd Unit - Line-C | S | | | |
| | | | JOJJ1 - [REDACTED] - 2nd Unit - Sub - C | S | | | |
| | | | JOSKQ - [REDACTED] Sub, Upgrade-Line-C | S | | | |
| | | | JOSKB - [REDACTED] Sub, Upgrade-Sub-C | S | | | |
| | | | JOSKK - [REDACTED] Sub, Upgrade-UG-C | S | | | |
| | | | JOSK1 - [REDACTED] Sub Upgr Sub-Site-C | S | | | |
| | | | JOJNC - [REDACTED] 2nd Unit - Line - C | S | | | |
| | | | JOJKR - [REDACTED] 2nd Unit - Sub - C | S | | | |
| | | | JOSKC - [REDACTED] 34-12 kV Substation-Sub-C | S | | | |
| | | | JOSKL - [REDACTED] 34-12 kV Substation-UG-C | S | | | |
| | | | JOJSV - [REDACTED] Sub Upgrade-Sub-C | S | | | |
| | | | JOJKX - [REDACTED] Sub Upgr W Unit-Sub-C | S | | | |
| | | | JOK09 - [REDACTED] Sub UPGR W Unit-Sub-C | S | | | |
| | | | JOS9B - [REDACTED] Substation-Line-C | S | | | |
| | | | JOS9X - [REDACTED] Substation-Site-C | S | | | |
| | | | JOSB5 - [REDACTED] Substation-Sub-C | S | | | |
| | | | JOSBJ - [REDACTED] Substation-UG-C | S | | | |
| | | | JORWC - [REDACTED] Sub UPGR-Line-C | S | | | |
| | | | JORWD - [REDACTED] Sub UPGR-Sub-C | S | | | |
| | | | JOKP3 - [REDACTED] 2nd Unit - Sub - C | S | | | |
| | | | JOGH9 - [REDACTED] Sub-Line-C | S | | | |
| | | | JOGDS - [REDACTED] Sub-Sub-C | S | | | |
| | | | JOKQB - [REDACTED] Bulk Sub-Line34-C | S | | | |
| | | | JOKS9 - [REDACTED] Bulk Sub-Sub 34kV-C | S | | | |
| | | | JOPMT - [REDACTED] Bulk Sub-Transmission-C | S | | | |
| | | | JOKSB - [REDACTED] Bulk Sub-UG-C | S | | | |
| | | | JOSK5 - [REDACTED] Pad-mount XFMR-Sub-C | R | | | |
| | | | JOSJX - [REDACTED] Pad-mount XFMR- Site-C | R | | | |
| | | | JOSK6 - [REDACTED] Pad-mount XFMR Sub Rem-C | R | | | |
| | | | JOSK4 - [REDACTED] 34-12kV Sub-Site-C | R | | | |
| | | | JOJGM - [REDACTED], new 138-12kV - Site-C | R | | | |
| | | | JOJDP - [REDACTED] Cust Sub - Sub - C | R | | | |
| | | | JOSJW - [REDACTED] 34-12kV Sub-Line-C | R | | | |
| | | | JOPV0 - [REDACTED] New Cust Sub-Sub-C | R | | | |
| | | | JOPXQ - [REDACTED] New Cust Sub-UG-C | R | | | |
| JONG3 - [REDACTED] Bulk Sub-Site Purchase-C | R | | | | | | |
| JOKWQ - [REDACTED] Sub - UG - C | ✓ | | | | | | |
| JOJN6 - [REDACTED] Sub Upgr Line-C | ✓ | | | | | | |
| JOV3N - [REDACTED] Pad-mount XFMR-Line-C | S | | | | | | |

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|---|---------------------------------------|--|--|----------------|-------------|-----------|----------|--------|---------|
| Smart, Reliable Grid Operations | Grid Resiliency/Operating Flexibility | Substation Capacity Increases | JOV4N - [REDACTED] -12kV Sub-Site-C | S | | | | | |
| | | | JOTRL - Customer Sub [REDACTED] -Sub-C | S | | | | | |
| | | | JOW01 - [REDACTED] Sub-Site-C | S | | | | | |
| | | | JOV73 - [REDACTED] New 34.5-13.8 kV Sub-Site-C | S | | | | | |
| | | | JOWC1 - [REDACTED] Substation-Sub-C | S | | | | | |
| | | | JOX1X - [REDACTED] Sub Upgrade-Site-C | S | | | | | |
| | | | JOSKW - [REDACTED] 34-12 kV Substation-Line-C | S | | | | | |
| | | | JOWRT - [REDACTED] Pad-mount XFMR- Line-C | S | | | | | |
| | | | JOWPL - [REDACTED] Sub Upgr W Unit-UG-C | S | | | | | |
| | | | JOJX7 - [REDACTED] Customer Sub-Sub-C | S | | | | | |
| | | | JOJTT - [REDACTED] Sub - Upgr Transformers | S | | | | | |
| | | JOJND - [REDACTED] 2nd Unit - Line - C | S | | | | | | |
| | | Substation Capacity Increases Total | | | | | 34,253 | 24,974 | 9,279 |
| | | Distributed Solar & Energy Storage | | | | | | | |
| | | Distributed Solar & Energy Storage Total | | | | | | 952 | (952) |
| | | Switches | | | | | | | |
| | | JOJJB - Viper SWO | | | | ✓ | | | |
| | | JOJJR - Nulec SWO | | | | ✓ | | | |
| | | JOT5V - DA [REDACTED] -52 Upgr | | | | ✓ | | | |
| | | JOV4C - [REDACTED] -43 Add 69kV Tie Switch | | | | ✓ | | | |
| | | JOVXZ - DA [REDACTED] Vipers Upgr | | | | ✓ | | | |
| | | JOWNW - DA [REDACTED] 72 Vipers Upgr | | | | ✓ | | | |
| | | JOVJ5 - DA [REDACTED] Vipers Upgr | | | | S | | | |
| | | JOX6Z - DA [REDACTED] 76 Viper Upgr | | | | S | | | |
| | | Switches Total | | | | | 4,843 | 5,356 | (513) |
| | | Subtransmission Switch Upgrades | | | | | | | |
| | | JONDS - DCD - UPGR 34kV Switches | | | | ✓ | | | |
| JORS4 - [REDACTED] - 73&72 - New Switches | | | | ✓ | | | | | |
| JOV25 - [REDACTED] 3-Way Sw Upgr | | | | ✓ | | | | | |
| JOR47 - DA [REDACTED] -74 UPGR | | | | S | | | | | |
| Subtransmission Switch Upgrades Total | | | | | 1,311 | 2,010 | (699) | | |
| Grid Resiliency/Operating Flexibility Total | | | | | 92,424 | 106,850 | (14,426) | | |
| Smart Grid | Cutout Recloser | JOJJB - DCD - UPGR Tripsaver Reclosers | | ✓ | | | | | |
| | | JOTDD - [REDACTED] -53 TripSaver Upgr | | ✓ | | | | | |
| | | JOTDF - [REDACTED] -02 TripSaver Upgr | | ✓ | | | | | |
| | | JOTDH - [REDACTED] -55 TripSaver Upgr | | ✓ | | | | | |
| | | Cutout Recloser Total | | | | | 2,982 | 4,424 | (1,442) |
| | | Distribution Automation | JOW2M - DA [REDACTED] 57 Swgr Upgr | | ✓ | | | | |
| | | | JOSXP - DA [REDACTED] 52 Switchgear Upgr | | ✓ | | | | |
| | | | JORXZ - DA [REDACTED] 55 Switchgear Upgrade | | ✓ | | | | |
| | | | JOV5H - DA [REDACTED] 54 Upgr | | ✓ | | | | |
| | | | JOT73 - DA [REDACTED] Upgr | | ✓ | | | | |
| | | | JOTHL - DA [REDACTED] 56 Upgr | | ✓ | | | | |
| JOT44 - DA [REDACTED] -58 SWGR Upgr | | | ✓ | | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance |
|---------------------------------------|------------|--|--|----------------|-------------|-----------|----------|
| Smart, Reliable Grid Operations | Smart Grid | Distribution Automation | JOR7W - DA [REDACTED] 55 | ✓ | | | |
| | | | JOTN6 - DA [REDACTED] 51 Swgr Upgr | ✓ | | | |
| | | | JOTN7 - DA [REDACTED] 52 Swgr Upgr | ✓ | | | |
| | | | JOTT3 - DA [REDACTED] 53 Swgr Upgr | ✓ | | | |
| | | | JOTMX - DA [REDACTED] 54 Swgr Upgr | ✓ | | | |
| | | | JOTN8 - DA [REDACTED] 55 Swgr Upgr | ✓ | | | |
| | | | JOTK7 - DA [REDACTED] 57 Swgr Upgr | ✓ | | | |
| | | | JOV5J - DA [REDACTED] 54 Upgr | ✓ | | | |
| | | | JOT74 - DA [REDACTED] Upgr | ✓ | | | |
| | | | JOT55 - DA [REDACTED] -60 Upgr | ✓ | | | |
| | | | JOTZZ - DA [REDACTED] Switchgear Upgr | ✓ | | | |
| | | | JOTT4 - DA [REDACTED] 71 Upgr | ✓ | | | |
| | | | JOTFC - DA [REDACTED] 10 Upgr | ✓ | | | |
| | | | JOTFM - DA [REDACTED] 55 Upgr | ✓ | | | |
| | | | JOT5W - DA [REDACTED] 4-02 Upgr | ✓ | | | |
| | | | JOT5X - DA [REDACTED] 12-53 Upgr | ✓ | | | |
| | | | JOT59 - DA [REDACTED] -55 Upgr | ✓ | | | |
| | | | JOR7X - DA [REDACTED] 53 Upgr | ✓ | | | |
| | | | JOTT5 - DA [REDACTED] 52 Upgr | ✓ | | | |
| | | | JOV5K - DA [REDACTED] 53 Upgr | ✓ | | | |
| | | | JOTMZ - DA [REDACTED] 51 Swgr Upgr | ✓ | | | |
| | | | JOTN9 - DA [REDACTED] 54 Swgr Upgr | ✓ | | | |
| | | | JOV1M - DA [REDACTED] 71 Vipers | ✓ | | | |
| | | | JOTFD - DA [REDACTED] 56 Upgr | ✓ | | | |
| | | | JOT56 - DA [REDACTED] -54 Upgr | ✓ | | | |
| | | | JOX0G - DA [REDACTED] 51 Upgr | ✓ | | | |
| | | | JOTHM - DA [REDACTED] 51 Upgr | ✓ | | | |
| | | | JOTFN - DA [REDACTED] 55 Upgr | ✓ | | | |
| | | | JOTFF - DA [REDACTED] Upgr | ✓ | | | |
| | | | JOTFP - DA [REDACTED] 52 Upgr | ✓ | | | |
| | | | JOTT6 - DA [REDACTED] 55 Upgr | ✓ | | | |
| | | | JOV1N - DA [REDACTED] -71/ -76 Vipers | ✓ | | | |
| | | | OA318 - DCD - DA Program | ✓ | | | |
| | | | OA317 - DCD - UPGR Line Capacitor Controls | ✓ | | | |
| | | | JON2M - Telecomm for Overhead | ✓ | | | |
| | | | JOT72 - DA [REDACTED] -52 Upgr | S | | | |
| | | | JOVCB - [REDACTED] SWGR | S | | | |
| | | | JOV6Z - [REDACTED] 21710 [REDACTED] | S | | | |
| | | | JOVHG - DA [REDACTED] 53 Swgr Upgr | R | | | |
| | | | Distribution Automation Total | | | | |
| Fault Circuit Indicators | | | | | | | |
| J0JGS - DCD - UPGR Backbone FCIs | | | | ✓ | | | |
| J0JJ6 - DCD - UPGR Terminal Pole FCIs | | | | ✓ | | | |
| Fault Circuit Indicators Total | | | | | 3,486 | 4,398 | (912) |
| Fiber/Wireless | | JORW0 - [REDACTED] Datacenter Fiber Connection | | ✓ | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

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|---------------------------------|------------|----------------|--------------------------------------|----------------|-------------|---------------------------------|----------|---------|--------|--------|----------|
| Smart, Reliable Grid Operations | Smart Grid | Fiber/Wireless | JOR0T - MO Metro PLTE [REDACTED] | ✓ | | | | | | | |
| | | | JOTXH - [REDACTED] Fiber | S | | | | | | | |
| | | | JOR0N - MO PLTE EPCore | S | | | | | | | |
| | | | JOW9G - PLTE Metro Fiber 141-040NE | S | | | | | | | |
| | | | JOW9B - PLTE Metro Fiber 151-007JF | S | | | | | | | |
| | | | JOV4F - PLTE Metro Fiber 151-014JF | S | | | | | | | |
| | | | JOV4G - PLTE Metro Fiber 151-018GR | S | | | | | | | |
| | | | JOW9Q - PLTE Metro Fiber 151-023JF | S | | | | | | | |
| | | | JOW9C - PLTE Metro Fiber 151-025JF | S | | | | | | | |
| | | | JOW9D - PLTE Metro Fiber 151-028JF | S | | | | | | | |
| | | | JOV4H - PLTE Metro Fiber 151-032CH | S | | | | | | | |
| | | | JOW9F - PLTE Metro Fiber 151-033FR | S | | | | | | | |
| | | | JOV4D - PLTE Metro Fiber 151-035DT | S | | | | | | | |
| | | | JOSK2 - PLTE Metro Site 141-002 | S | | | | | | | |
| | | | JOW99 - PLTE Metro Site 141-040NE | S | | | | | | | |
| | | | JOW92 - PLTE Metro Site 151-006JF | S | | | | | | | |
| | | | JOW91 - PLTE Metro Site 151-007JF | S | | | | | | | |
| | | | JOV47 - PLTE Metro Site 151-010FR | S | | | | | | | |
| | | | JOW9P - PLTE Metro Site 151-023JF | S | | | | | | | |
| | | | JOW94 - PLTE Metro Site 151-025JF | S | | | | | | | |
| | | | JOW95 - PLTE Metro Site 151-028JF | S | | | | | | | |
| | | | JOW97 - PLTE Metro Site 151-033FR | S | | | | | | | |
| | | | JOV4B - PLTE Metro Site 151-034UG | S | | | | | | | |
| | | | JOV48 - PLTE Metro Site 151-035 | S | | | | | | | |
| | | | JOSK3 - PLTE Metro Site 151-042 | S | | | | | | | |
| | | | JOV49 - PLTE Metro Site 151-14JF | S | | | | | | | |
| | | | JOSJ6 - PLTE Metro Site [REDACTED] | S | | | | | | | |
| | | | JOSPW - PLTE Metro Site [REDACTED] | S | | | | | | | |
| | | | JOMJV - Private LTE MO Metro-UEC | S | | | | | | | |
| | | | Fiber/Wireless Total | | | | | | 26,846 | 39,064 | (12,218) |
| | | | LED Street Lighting | | | J09H1 - LED Streetlight Program | ✓ | | | | |
| | | | LED Street Lighting Total | | | | | | 11,320 | 10,732 | 588 |
| | | | TAC/Microgrid | | | | | | | | |
| TAC/Microgrid Total | | | | | | | 5,795 | (5,795) | | | |
| SCADA Upgrades | | | J0K0C - [REDACTED] Sub - Add SCADA | ✓ | | | | | | | |
| | | | 28660 - [REDACTED] - Add SCADA-Sub-C | S | | | | | | | |
| | | | JOJRP - [REDACTED] Switchgear UPGR | S | | | | | | | |
| | | | JOJRV - [REDACTED] - Switchgear UPGR | S | | | | | | | |
| | | | JOJTZ - [REDACTED] SWGR UPGR-Sub-C | S | | | | | | | |
| | | | JOJJ4 - [REDACTED] - Add SCADA | ✓ | | | | | | | |
| | | | JOJSK - [REDACTED] - Add Scada | S | | | | | | | |
| | | | JOJT7 - [REDACTED] - Add Scada | S | | | | | | | |
| | | | JOK29 - [REDACTED] - Add Scada | S | | | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

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|---|------------------|------------------------------|------------------------------|----------------|-------------|-----------|----------|
| Smart, Reliable Grid Operations | Smart Grid | SCADA Upgrades | JOTZT - ██████ - RTU Upgrade | S | | | |
| | | SCADA Upgrades Total | | | 918 | 2,836 | (1,918) |
| | Smart Grid Total | | | | 63,088 | 85,797 | (22,709) |
| Substations - Condition Based Modernization | OCB Upgrades | JOKRR - OCB-█████ | POS 11,15,20,25, BT 1-2 | ✓ | | | |
| | | JOKRZ - OCB-█████ | -34KV POS 710 | ✓ | | | |
| | | JOKQS - OCB-█████ | -34 SUB | ✓ | | | |
| | | JOQML - OCB-█████ | Sub UPGR 6 | ✓ | | | |
| | | JOKQV - OCB-█████ | -34KV POS 120 | ✓ | | | |
| | | JOKS1 - OCB-█████ | -34KV ██████ -71) LINE | ✓ | | | |
| | | JOKS2 - OCB-█████ | -138/34KV POS 04 XFMR 2 | ✓ | | | |
| | | JOGRS - OCB-█████ | UPGR 34kv POS 19 | ✓ | | | |
| | | JORKW - OCB-FDR UPGR ██████ | phase II | ✓ | | | |
| | | JOGRV - OCB-█████ | Upgr 34kv 318 | ✓ | | | |
| | | JOKR0 - OCB-█████ | -161/34KV XFMR 2 | ✓ | | | |
| | | JOKR2 - OCB-█████ | -34KV POS 1 | ✓ | | | |
| | | JOGRZ - OCB-█████ | 69kv POS 638 UPGR | ✓ | | | |
| | | JOKRD - OCB-█████ | -34KV CAP BANK | ✓ | | | |
| | | JOKRH - OCB-█████ | -69KV LINE POS E | ✓ | | | |
| | | JOTQ7 - OCB-█████ | -138/34 XFMR 7 | ✓ | | | |
| | | JOKRK - OCB-█████ | -34KV ██████ -71) LINE D | ✓ | | | |
| | | JOR0M - OCB-Upgr 8 at ██████ | Sub-UG-C | ✓ | | | |
| | | JOKQG - OCB-Upgr ██████ | POS 390 | ✓ | | | |
| | | JOKRN - OCB-█████ | -161/34KV XFMR 1 | ✓ | | | |
| | | JOKQK - OCB-█████ | -138/34 XFMR 3-Sub-C | S | | | |
| | | JOJSM - OCB-█████ | -34KV POS 342 | S | | | |
| | | JOT02 - OCB-█████ | UPGR 6 positions Bus 1&2 | S | | | |
| | | JOKRJ - OCB-█████ | -34KV LINE 311 | S | | | |
| | | JOKRM - OCB-█████ | -69KV LINE 610 | S | | | |
| | | JOKQH - OCB-Upgr 8 at ██████ | Sub-Sub-C | S | | | |
| | | JOWT4 - OCB-UPGR ██████ | Xfmr 1 SF6 | S | | | |
| | | JOWRN - OCB-UPGR ██████ | Pos 730, 782, 788 | S | | | |
| | | JOWT5 - OCB-UPGR ██████ | FDR 875-071 | S | | | |
| | | JOWT6 - OCB-UPGR ██████ | POS 21 | S | | | |
| | | JOX5C - OCB-UPGR ██████ | positions 15,17,19 | S | | | |
| | | JOWT7 - OCB-UPGR ██████ | XFMR 1&3 Main BRKR | S | | | |
| | | JOKRQ - OCB-█████ | -34KV POS 03 | S | | | |
| | | JOJSN - OCB-█████ | -34KV POS 3442 | R | | | |
| | | | OCB Upgrades Total | | | | 9,960 |
| | Relay Upgrades | JOG9T - ██████ | - UPGR 67 Relays | ✓ | | | |
| | | JOJWC - CBM-█████ | Sub Relay Upgrs | ✓ | | | |
| | | JOGCQ - ██████ | -Upgr Rly&Brkr | ✓ | | | |
| | | JOGB0 - ██████ | - Upgr Relaying | ✓ | | | |
| | | JOJG7 - Relay Upgr ██████ | Switchgear-SUB-C | ✓ | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

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|---|---|----------------|---|----------------|-------------------------|--|----------|--|-------|-------|-------|
| Smart, Reliable Grid Operations | Substations - Condition Based Modernization | Relay Upgrades | JOJWQ - Relay Upgr [REDACTED] Sub [REDACTED]-71 | ✓ | | | | | | | |
| | | | JOJJH - Relay Upgr [REDACTED] Substation - XFMR 1 | ✓ | | | | | | | |
| | | | JOJXK - Relay Upgr [REDACTED] Sub-XFMR D | ✓ | | | | | | | |
| | | | JORTS - Relay Upgrades | ✓ | | | | | | | |
| | | | JOX6R - [REDACTED] Xfmr 26Q Relay Upgrade | S | | | | | | | |
| | | | JOJVH - CBM-[REDACTED] 34 Sub Upgr Relays | S | | | | | | | |
| | | | JOJXD - CBM-[REDACTED] Sub Relay Upgrs | S | | | | | | | |
| | | | JOX6T - [REDACTED] Xfmr 26Q Relay Upgrade | S | | | | | | | |
| | | | JOX6F - [REDACTED] Substation Relay Upgrade | S | | | | | | | |
| | | | JOX6P - [REDACTED] Xfmr 26Q Relay Upgrade | S | | | | | | | |
| | | | JOX6L - [REDACTED] Xfmr 26Q Relay Upgrade | S | | | | | | | |
| | | | JOX6M - [REDACTED] Xfmr 26Q Relay Upgrades | S | | | | | | | |
| | | | JOWOK - [REDACTED] Substation Relay Upgrades | S | | | | | | | |
| | | | JOWOJ - [REDACTED] Relay Upgrades | S | | | | | | | |
| | | | JOX6K - [REDACTED] Xfmr 26Q Relay Upgrades | S | | | | | | | |
| | | | JOX6J - [REDACTED] Substation Relay Upgrades | S | | | | | | | |
| | | | JOWOG - [REDACTED] Substation Relay Upgr | S | | | | | | | |
| | | | JOX6G - [REDACTED] Substation Relay Upgrades | S | | | | | | | |
| | | | JOWOH - [REDACTED] Substation Relay Upgr | S | | | | | | | |
| | | | JOX6S - [REDACTED] Xfmr 26Q Relay Upgrade | S | | | | | | | |
| | | | JOX6D - [REDACTED] Substation Relay Upgrades | S | | | | | | | |
| | | | JOJV1 - Relay UPGR [REDACTED] Substation NW | S | | | | | | | |
| | | | JOJWJ - Relay Upgr [REDACTED] Sub [REDACTED]-41 | S | | | | | | | |
| | | | JOJXL - Relay Upgr [REDACTED] Swgr-Green Goo | S | | | | | | | |
| | | | JOX6Q - [REDACTED] Xfmr 26Q Relay Upgrade | S | | | | | | | |
| | | | JOX6H - [REDACTED] Substation Relay Upgrades | S | | | | | | | |
| | | | JOWOL - [REDACTED] Substation Relay Upgrades | S | | | | | | | |
| | | | JOX6N - [REDACTED] Xfmr 26Q Relay Upgrade | S | | | | | | | |
| | | | JOWOD - [REDACTED] Substation Relay Upgrades | S | | | | | | | |
| | | | JOJZR - Relay Upgr [REDACTED] Sub-BUS TIE 1-2 | R | | | | | | | |
| | | | Relay Upgrades Total | | | | | | 3,801 | 2,516 | 1,285 |
| | | | | | Sub/Switchgear Upgrades | JONZH - CBM - [REDACTED] s Sub Upgr LINE-C | ✓ | | | | |
| | | | | | | JOP2R - CBM - [REDACTED] Sub Upgr UG-C | ✓ | | | | |
| | | | | | | JOCPK - CBM - [REDACTED] -Line-C | ✓ | | | | |
| | | | | | | 28715 - CBM - [REDACTED] -Sub-C | ✓ | | | | |
| JOGJF - CBM - [REDACTED] Sub, UPGR HiSd-Line | ✓ | | | | | | | | | | |
| JOGDT - CBM - [REDACTED] Sub, UPGR HiSd-Sub-C | ✓ | | | | | | | | | | |
| JOJGD - CBM - [REDACTED] - Sub - C | ✓ | | | | | | | | | | |
| JOJMK - CBM - [REDACTED] -Line-C | ✓ | | | | | | | | | | |
| JOQNW - CBM - [REDACTED] -SITE-C | ✓ | | | | | | | | | | |
| JOCJ5 - CBM - [REDACTED] -LINE-C | ✓ | | | | | | | | | | |
| JOCH4 - CBM - [REDACTED] -Sub-C | ✓ | | | | | | | | | | |
| JOP3L - CBM - [REDACTED] Sub Upgr-SUB-C | ✓ | | | | | | | | | | |
| JOKSP - CBM - [REDACTED] -SUB-C | ✓ | | | | | | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

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|---|---|-------------------------|---|----------------|-------------|-----------|----------|
| Smart, Reliable Grid Operations | Substations - Condition Based Modernization | Sub/Switchgear Upgrades | JOKN7 - CBM- [REDACTED] -UG-C | ✓ | | | |
| | | | J08GM - CBM- [REDACTED] Sub-OH-C | ✓ | | | |
| | | | J08LM - CBM- [REDACTED] Sub-Sub-C | ✓ | | | |
| | | | J08GH - CBM- [REDACTED] Sub-UG-C | ✓ | | | |
| | | | J0NM9 - CBM- [REDACTED] Sub UPGR Sub-C | ✓ | | | |
| | | | J0CH9 - CBM- [REDACTED] -SUB-C | ✓ | | | |
| | | | JOP1M - CBM- [REDACTED] UPGR-Site-C | ✓ | | | |
| | | | JOCPL - CBM- [REDACTED] UPGR Swgr-Line-C | ✓ | | | |
| | | | JOCKN - CBM- [REDACTED] -Sub-C | ✓ | | | |
| | | | JOJMS - CBM- [REDACTED] Sub - Line - C | ✓ | | | |
| | | | JOJKQ - CBM- [REDACTED] Sub-Sub-C | ✓ | | | |
| | | | JOCGW - CBM- [REDACTED] Sub, Upgr | ✓ | | | |
| | | | JOR07 - [REDACTED] Svc UPGR XFMRs & XFMR SW | ✓ | | | |
| | | | JOJ5 - [REDACTED] - Upgr Xfmr #1 | ✓ | | | |
| | | | JOJTB - [REDACTED] - Upgr Xfmr #1 | ✓ | | | |
| | | | JOG3L - [REDACTED] Sub CNTL House-OH-C | ✓ | | | |
| | | | JOG26 - [REDACTED] Sub CTL House-SUB-C | ✓ | | | |
| | | | JOHB5 - [REDACTED] | ✓ | | | |
| | | | JONM2 - [REDACTED] UPGR XFMR 9 | ✓ | | | |
| | | | JOQXF - Spare 10A-2 161-34kV Transformer | ✓ | | | |
| | | | JOQG4 - Spare 20 [REDACTED] D Rewind | ✓ | | | |
| | | | OA664 - SWO-Dist Sub-Con Based | ✓ | | | |
| | | | OR000 - SWO-DIST. SUBS - T&DD - E63 | ✓ | | | |
| | | | JORWP - Telecom for Substations | ✓ | | | |
| | | | JOQPS - [REDACTED] UPGR XFMR 2 | ✓ | | | |
| | | | JOJTB - CBM- [REDACTED] Sub-12 - Add Scada | ✓ | | | |
| | | | JOJTD - CBM- [REDACTED] Sub - Add Scada | ✓ | | | |
| | | | JOJF - CBM- [REDACTED] Sub - Add Scada | ✓ | | | |
| | | | JOP4W - [REDACTED] - Swgr UPGR | S | | | |
| | | | JOJG9 - [REDACTED] - UPGR Both SWGR-Sub-C | S | | | |
| | | | JOK7M - CBM - [REDACTED] - Line - C | S | | | |
| | | | JOP0Q - CBM - [REDACTED] Upgr LINE-C | S | | | |
| | | | JOP2V - CBM - [REDACTED] Upgr UG-C | S | | | |
| | | | JOP45 - CBM - [REDACTED] Upgrade - Sub - C | S | | | |
| | | | JOJKV - CBM- [REDACTED] - Sub - C | S | | | |
| | | | JOQXJ - CBM- [REDACTED] Sub UPGR | S | | | |
| | | | J08FR - CBM- [REDACTED] Sub-Line-C | S | | | |
| | | | JO1WC - CBM- [REDACTED] Sub-Sub-C | S | | | |
| | | | JOR05 - CBM- [REDACTED] Sub Upgrade-Site-C | S | | | |
| | | | JONWS - CBM- [REDACTED] Sub Upgrade-Line-C | S | | | |
| JOP33 - CBM- [REDACTED] Sub Upgrade-Sub-C | S | | | | | | |
| JOP2G - CBM- [REDACTED] Sub Upgrade-UG-C | S | | | | | | |
| 24548 - CBM- [REDACTED] Sub-Sub-C | S | | | | | | |
| JOP1N - CBM- [REDACTED] Sub Upgr-Sub-C | S | | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

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|-----------------------------------|---|-------------------------|---|----------------|-------------|-----------|----------|
| Smart, Reliable Grid Operations | Substations - Condition Based Modernization | Sub/Switchgear Upgrades | JOP05 - CBM- [REDACTED] UPGR-Line-C | S | | | |
| | | | JONZJ - CBM- [REDACTED] UPGR-UG-C | S | | | |
| | | | JOKSN - CBM- [REDACTED] - Sub - C | S | | | |
| | | | JOCD5 - CBM- [REDACTED] Sub-Line-C | S | | | |
| | | | JOCHB - CBM- [REDACTED] Sub-Sub-C | S | | | |
| | | | JOG9S - CBM- [REDACTED] UPGR Swgr-Site | S | | | |
| | | | JOCHF - CBM- [REDACTED] UPGR Swgr-Sub-C | S | | | |
| | | | JOP06 - CBM- [REDACTED] Sub, UPGR SWGR LINE-C | S | | | |
| | | | JOCHG - CBM- [REDACTED] Sub-Sub-C | S | | | |
| | | | JOCM7 - CBM- [REDACTED] Sub-UG-C | S | | | |
| | | | JOCGS - CBM- [REDACTED] Sub Site | S | | | |
| | | | JOCHM - CBM- [REDACTED] Sub-Sub-C | S | | | |
| | | | JOP4X - CBM- [REDACTED] UPGR Xfmr 1 | S | | | |
| | | | JOJS6 - CBM- [REDACTED] - Sub - C | S | | | |
| | | | JOP42 - CBM- [REDACTED] Sub UPGR-Sub-C | S | | | |
| | | | JOJXR - CBM- [REDACTED] UPGR Swgr 1 | S | | | |
| | | | JOK08 - CBM- [REDACTED] Sub-Sub-C | S | | | |
| | | | JOP40 - CBM- [REDACTED] Sub Upgr-SUB-C | S | | | |
| | | | JOSHL - CBM- [REDACTED] Sub, Modernize-Sub-C | S | | | |
| | | | JOSJ4 - CBM- [REDACTED] Sub, Modernize-UG-C | S | | | |
| | | | JOSJF - CBM- [REDACTED] Swgr UPGR | S | | | |
| | | | JOCKK - CBM- [REDACTED] Unit W-SUB-C | S | | | |
| | | | JOCLV - CBM- [REDACTED] Unit W-UG-C | S | | | |
| | | | JOP54 - [REDACTED] Xfmr UPGR | S | | | |
| | | | JOP44 - [REDACTED] 2 UPGR | S | | | |
| | | | JOP41 - [REDACTED] 1 UPGR | S | | | |
| | | | JOV3T - [REDACTED] HISD RELB UPGR | S | | | |
| | | | JOP3V - [REDACTED] 1 UPGR | S | | | |
| | | | JOP3W - [REDACTED] 4 UPGR | S | | | |
| | | | JOP4F - [REDACTED] 1 UPGR | S | | | |
| | | | JOP4D - [REDACTED] 3 UPGR | S | | | |
| | | | JOJJ7 - [REDACTED] - Upgr Xfmr #2 | S | | | |
| | | | JOP4C - [REDACTED] 2 UPGR | S | | | |
| | | | JOJJC - [REDACTED] - Upgr Xfmr #1 | S | | | |
| | | | JOJKS - [REDACTED] Bulk Sub Upgr - Sub - C | S | | | |
| | | | JONLX - [REDACTED] UPGR XFMR 8 | S | | | |
| | | | JOTZF - Spare 10B, 161-34KV Transformer | S | | | |
| | | | JOWM1 - Spare 5A 139.2/34kv 112MVA LTC | S | | | |
| | | | JOWM2 - Spare 5B 139.3/34kv 112MVA LTC | S | | | |
| | | | JOJRS - [REDACTED] - Add SCADA | S | | | |
| JOJT4 - [REDACTED] - Add SCADA | S | | | | | | |
| JOJT6 - [REDACTED]-12 - Add SCADA | S | | | | | | |
| JOJTC - [REDACTED] - Add SCADA | S | | | | | | |
| JOK2B - [REDACTED] - Add SCADA | S | | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance |
|--------------------------------------|---|-------------------------|--|----------------|-------------|-----------|----------|
| Smart, Reliable Grid Operations | Substations - Condition Based Modernization | Sub/Switchgear Upgrades | JOP21 - CBM - [REDACTED] Sub Upgr LINE-C | R | | | |
| | | | JOP4J - CBM - [REDACTED] Sub Upgrade SUB-C | R | | | |
| | | | JOP31 - CBM - [REDACTED] - UPGR Sub UG-C | R | | | |
| | | | JOP3H - CBM - [REDACTED] -Skid Substation | R | | | |
| | | | JOP3K - CBM - [REDACTED] Sub UPGR | R | | | |
| | | | JOP2L - CBM - [REDACTED] W, UPGR-UG-C | R | | | |
| | | | JOP18 - CBM - [REDACTED] Sub UPGR LINE-C | R | | | |
| | | | JOP4Z - CBM - [REDACTED] Sub, UPGR Swgr | R | | | |
| | | | JOP53 - CBM - [REDACTED] Sub UPGR-Sub-C | R | | | |
| | | | JOP2Z - CBM - [REDACTED] Sub UPGR-UG-C | R | | | |
| | | | JOP22 - CBM - [REDACTED] Sub UPGR Line-C | R | | | |
| | | | JOP4H - CBM - [REDACTED] Sub UPGR Sub-C | R | | | |
| | | | JOP3X - CBM - [REDACTED] Sub Upgrade LINE-C | R | | | |
| | | | JOJFX - CBM - [REDACTED] -UG-C | R | | | |
| | | | JOCKJ - CBM - [REDACTED] HISD SW-Sub-C | R | | | |
| | | | JOP13 - CBM - [REDACTED] Sub, UPGR LINE-C | R | | | |
| | | | JOJT9 - [REDACTED] - Upgr Xfmr #2 | R | | | |
| | | | JOJDV - [REDACTED] Bulk Sub Upgr - UG - C | R | | | |
| | | | JOSJQ - [REDACTED] Bulk Sub Upgrade - Line - C | R | | | |
| | | | JOTLZ - CBM - [REDACTED] Sub, UPGR HiSd-Site-C | ✓ | | | |
| | | | 28704 - CBM - [REDACTED] Sub-Site Purchase | ✓ | | | |
| | | | JOMG6 - CBM - [REDACTED] Sub-RE-C | ✓ | | | |
| | | | JOCKH - CBM - [REDACTED] Swgr 2-SUB-C | ✓ | | | |
| | | | JOV9R - [REDACTED] - UPGR Both SWGR-UG-C | S | | | |
| | | | JOP3P - [REDACTED] 1 UPGR | S | | | |
| | | | JOP3S - [REDACTED] 4 UPGR | S | | | |
| | | | JO8GJ - [REDACTED] Sub-UG-C | S | | | |
| | | | JOCHK - CBM - [REDACTED] SWGR UPGR W-Sub-C | S | | | |
| | | | JOTPW - CBM - [REDACTED] Sub-Line-C | S | | | |
| | | | JOV5D - CBM - [REDACTED] Sub-Site | S | | | |
| | | | JOTPX - CBM - [REDACTED] Sub-UG-C | S | | | |
| | | | JOP5J - [REDACTED] 1 UPGR-Sub-C | S | | | |
| | | | JO7D - [REDACTED] -UPGR XFMR W SWGR W-SUB-C | S | | | |
| | | | JO7X9 - [REDACTED] -UPGR XFMR W SWGR W-UG-C | S | | | |
| | | | JOX1S - [REDACTED] Sub Upgrade-Site-C | S | | | |
| | | | JOCPB - [REDACTED] Sub - Line - C | S | | | |
| | | | JOCSF - [REDACTED] Sub - Sub - C | S | | | |
| | | | JOP43 - [REDACTED] 1 UPGR | S | | | |
| | | | JOP49 - [REDACTED] 3 UPGR | S | | | |
| | | | JO7H7 - [REDACTED] - Add Scada-Line-C | S | | | |
| JOJSO - [REDACTED] - Add Scada-Sub-C | S | | | | | | |
| JOJS9 - [REDACTED] -12 - Add Scada | S | | | | | | |
| JOJGN - [REDACTED] - Add Scada | S | | | | | | |
| JOJSQ - [REDACTED] - Add Scada | S | | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance |
|---|---|--|------------------------------------|----------------|-------------|-----------|----------|
| Smart, Reliable Grid Operations | Substations - Condition Based Modernization | Sub/Switchgear Upgrades | JOJTO - ██████████ - Add Scada | S | | | |
| | | | JOJT1 - ██████████ - Add Scada | S | | | |
| | | | JOK06 - ██████████ -12 - Add Scada | S | | | |
| | | | JOJ2D - ██████████ - Add Scada | S | | | |
| | | Sub/Switchgear Upgrades Total | | | | | 77,437 |
| Substations - Condition Based Modernization Total | | | | | 91,198 | 102,974 | (11,776) |
| System Hardening | Subtransmission Upgrades | JONZV - ██████████ -72 Recond Pond | ✓ | | | | |
| | | JOP05 - ██████████ -74, Reconductor to 954 | ✓ | | | | |
| | | JOM42 - ██████████ -T3 Upgrade | ✓ | | | | |
| | | JOQSZ - ██████████ -T3 Upgrade PH 2 | ✓ | | | | |
| | | JONQX - ██████████ -44 Pole UPGR Phase 1 | ✓ | | | | |
| | | JONR2 - ██████████ ██████████ Phase 1 | ✓ | | | | |
| | | JOM41 - ██████████ -72 Upgrade | ✓ | | | | |
| | | JOM4M - ██████████ -81 New 34.5 kV Circuit-Sub-C | ✓ | | | | |
| | | JOQZV - ██████████ -81 New 34.5 kV Cir-█████████ Sub-C | ✓ | | | | |
| | | JOQZW - ██████████ -81 New 34.5 kV Cir-█████████ Sub-C | ✓ | | | | |
| | | JOM3X - ██████████ -81 New Circuit-UG-C | ✓ | | | | |
| | | JOQ8H - ██████████ -71 Part 2 | ✓ | | | | |
| | | JOP1T - ██████████ -76 Reconductor | ✓ | | | | |
| | | JONSJ - ██████████ -73 Storm Hardening | ✓ | | | | |
| | | JOM3Z - ██████████ -75 Upgrade | ✓ | | | | |
| | | JOP2B - ██████████ -72 Reconductor | ✓ | | | | |
| | | JOP2F - ██████████ Reconductor/UPGR ██████████ -72 | ✓ | | | | |
| | | JOP3Z - ██████████ 83/89 Split-Sub-C | ✓ | | | | |
| | | JORLG - ██████████ -83/89 Split-UG-C | ✓ | | | | |
| | | JOJM4 - ██████████ ██████████ 300-075 ██████████ Ext | ✓ | | | | |
| | | JOM44 - ██████████ -79 UPGR | ✓ | | | | |
| | | JONV7 - ██████████ -T-1 Recon | ✓ | | | | |
| | | JOQWG - ██████████ -T-2 ██████████ -71 Recon PH 3 | ✓ | | | | |
| | | JOQ8J - ██████████ -72 PH 2 | S | | | | |
| | | JOSSL - ██████████ -71 ██████████ UPGR | S | | | | |
| | | JONT9 - ██████████ -74 Circuit Improvement | S | | | | |
| | | JOJNX - ██████████ 898075 UPGR | S | | | | |
| | | JORLK - ██████████ -T-3 & ██████████ -80 Reconductor | S | | | | |
| | | JOJCH - ██████████ ██████████ 2nd 34kv Supply | ✓ | | | | |
| | | JOM45 - ██████████ -74 Reconductor | ✓ | | | | |
| | | JON3Q - ██████████ -T-2, ██████████ -71 Recon Ph1 | ✓ | | | | |
| | | JOVTP - ██████████ -76 Circuit Perf Improvement | S | | | | |
| | | JOV6W - ██████████ -74 Improve Reliability-Sub-C | S | | | | |
| | | JOV60 - ██████████ -74 Improve Reliability-UG-C | S | | | | |
| | | JONQZ - ██████████ -44 Pole UPGR Phase 2 | S | | | | |
| | | JONR0 - ██████████ -44 Pole UPGR Phase 3 | S | | | | |
| | | JONR3 - ██████████ ██████████ Phase 2 | S | | | | |
| | | JONR4 - ██████████ ██████████ Phase 3 | S | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance | | | |
|---|-------------------|--------------------------|---|-------------------|-------------|---|----------|--------|--------|----------|
| Smart, Reliable Grid Operations | System Hardening | Subtransmission Upgrades | JONR7 - [REDACTED] -77, Circ UPGR | S | | | | | | |
| | | | JONR9 - [REDACTED] -71 Improv Circ Reliab Ph 2 | S | | | | | | |
| | | | JONRC - [REDACTED] -77 Improve Circuit Reliab | S | | | | | | |
| | | | JOVTR - [REDACTED] 73-76 Insulator Upgrade | S | | | | | | |
| | | | JOV5G - [REDACTED] 34kV Reconfig | S | | | | | | |
| | | | JONTO - [REDACTED] -73 34kV UPGR | S | | | | | | |
| | | | JOQSX - [REDACTED] -75 Upgrade PH 2 | S | | | | | | |
| | | | JONTF - [REDACTED] -71 Improve Circuit Reliab Ph 1 | S | | | | | | |
| | | | JOM43 - [REDACTED] -74 Upgrade | S | | | | | | |
| | | | JOVS9 - [REDACTED] -77 & [REDACTED] -74 Reconductor | S | | | | | | |
| | | | JOVTS - [REDACTED] 75/80, Circ UPGR | S | | | | | | |
| | | | JOTV9 - [REDACTED] T1-T2 [REDACTED] SUB | S | | | | | | |
| | | | Subtransmission Upgrades Total | | | | | 42,432 | 52,710 | (10,278) |
| | | | System Hardening Total | | | | | 42,432 | 52,710 | (10,278) |
| | | | | UG Cable Upgrades | OH to UG | 23727 - OTU- [REDACTED] 105-1, [REDACTED] | ✓ | | | |
| JOR6M - OTU- [REDACTED] 52 WPC Reloc | ✓ | | | | | | | | | |
| JORBC - OTU- [REDACTED] 53 CERT | ✓ | | | | | | | | | |
| JOQS3 - OTU- [REDACTED] 282-58 [REDACTED] | ✓ | | | | | | | | | |
| JOR6T - OTU- [REDACTED] 53 - CERT | ✓ | | | | | | | | | |
| JOR6Q - OTU- [REDACTED] 003 CERT | ✓ | | | | | | | | | |
| 24089 - OTU- [REDACTED] 258-58, [REDACTED] | ✓ | | | | | | | | | |
| JOK62 - OTU- [REDACTED] 165-51, [REDACTED] | ✓ | | | | | | | | | |
| JOJQ7 - OTU- [REDACTED] 267-52, [REDACTED] | ✓ | | | | | | | | | |
| 23273 - OTU- [REDACTED] 267-55, [REDACTED] | ✓ | | | | | | | | | |
| 22931 - OTU- [REDACTED] 183-2, [REDACTED] | ✓ | | | | | | | | | |
| JOST5 - OTU- [REDACTED] 280-53, [REDACTED] | S | | | | | | | | | |
| 23374 - OTU- [REDACTED] 141-8, [REDACTED] | S | | | | | | | | | |
| JOV53 - OTU- [REDACTED] 267-60, [REDACTED] | S | | | | | | | | | |
| JORZ0 - OTU- [REDACTED] 103-1, [REDACTED] | S | | | | | | | | | |
| 23412 - OTU- [REDACTED] 543-51, [REDACTED] | S | | | | | | | | | |
| JOSWV - OTU- [REDACTED] 167-53, CERTS | S | | | | | | | | | |
| JORH4 - OTU- [REDACTED] 052 CERT | S | | | | | | | | | |
| JOK63 - OTU- [REDACTED] 165-51, [REDACTED] | S | | | | | | | | | |
| JOTK3 - OTU- [REDACTED] 265-54, [REDACTED] | S | | | | | | | | | |
| JOKN3 - OTU- [REDACTED] 267-52, [REDACTED] Ph 2 | S | | | | | | | | | |
| JOK64 - OTU- [REDACTED] 165-56 UG | R | | | | | | | | | |
| JOK2L - OTU- [REDACTED] 279-53, [REDACTED] | ✓ | | | | | | | | | |
| 24132 - OTU- [REDACTED] 648-54, [REDACTED] | S | | | | | | | | | |
| OH to UG Total | | | | | | | 12,283 | 11,651 | 632 | |
| | UG Cable Upgrades | | | | | JOJM5 - C-UPGR [REDACTED] 656-55 50030 | ✓ | | | |
| | | | | | | JOJM6 - C-UPGR [REDACTED] 656-55 50034 | ✓ | | | |
| | | | JOJMV - C-UPGR [REDACTED] 115-52, [REDACTED] | ✓ | | | | | | |
| | | | JOJM1 - C-UPGR [REDACTED] 019-52, [REDACTED] | ✓ | | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance |
|---|-------------------|-------------------|--|----------------|-------------|-----------|----------|
| Smart, Reliable Grid Operations | UG Cable Upgrades | UG Cable Upgrades | JOSWP - C-UPGR 503-51, [REDACTED] | ✓ | | | |
| | | | JOTKG - C-UPGR 517-51, [REDACTED] | ✓ | | | |
| | | | JOJKF - C-UPGR 672-53, [REDACTED] | ✓ | | | |
| | | | JOQ97 - C-UPGR 024, PILC Exit | ✓ | | | |
| | | | JOSWN - C-UPGR 282-058, [REDACTED] | ✓ | | | |
| | | | JON13 - C-UPGR 282-51 L10719 | ✓ | | | |
| | | | JOSWK - C-UPGR [REDACTED]-1 UPGR | ✓ | | | |
| | | | JON37 - C-UPGR 228-55, [REDACTED] 51 | ✓ | | | |
| | | | JOQVJ - C-UPGR 295-54, L10970 | ✓ | | | |
| | | | JOR6G - C-UPGR 295-54, [REDACTED] | ✓ | | | |
| | | | JOJBN - C-UPGR 103-05, [REDACTED] | ✓ | | | |
| | | | JOK71 - C-UPGR 633-53, 10454 | ✓ | | | |
| | | | JOMJR - C-UPGR 168-55 L-3705 | ✓ | | | |
| | | | JOTVG - C-UPGR 280-53, [REDACTED] | ✓ | | | |
| | | | JOV22 - C-UPGR [REDACTED]-578-53, [REDACTED] | ✓ | | | |
| | | | JOJBG - C-UPGR 246 PILC Exit | ✓ | | | |
| | | | JOTKF - C-UPGR 570-52, [REDACTED] | ✓ | | | |
| | | | JOJPG - C-UPGR 982-52, 3363-3365 | ✓ | | | |
| | | | JOTK9 - C-UPGR OTU-[REDACTED]-74, [REDACTED] | ✓ | | | |
| | | | JOJSC - C-UPGR 573-52, 4444-5057 | ✓ | | | |
| | | | OA018 - C-UPGR Program-E46 | ✓ | | | |
| | | | JOJPB - C-UPGR 818-52, [REDACTED] | ✓ | | | |
| | | | JOJP5 - C-UPGR 818-52, [REDACTED] | ✓ | | | |
| | | | JOJCC - C-UPGR 253-53 [REDACTED] 52 | ✓ | | | |
| | | | JOVJG - C-UPGR 587-56, [REDACTED] Trl | ✓ | | | |
| | | | JOJNH - C-UPGR 587-55, [REDACTED] | ✓ | | | |
| | | | JOJD2 - C-UPGR 134-52, [REDACTED] | ✓ | | | |
| | | | JOPJ7 - C-UPGR 146, PILC Exit Cab | ✓ | | | |
| | | | JOSWQ - C-UPGR 127-56, [REDACTED] | ✓ | | | |
| | | | JOS36 - C-UPGR A 593-53&56, [REDACTED] | ✓ | | | |
| | | | JOJM3 - C-UPGR 561-53, [REDACTED] | ✓ | | | |
| | | | JOJQD - C-UPGR 273-52, [REDACTED]-51 | ✓ | | | |
| | | | JOT8D - C-UPGR 580-52, [REDACTED] | ✓ | | | |
| | | | JOTK4 - C-UPGR [REDACTED] 55, [REDACTED] | ✓ | | | |
| | | | JOSWS - C-UPGR 555-55, [REDACTED] | ✓ | | | |
| | | | JOJQ9 - C-UPGR 235-55, [REDACTED]-51 | ✓ | | | |
| | | | JOK7G - C-UPGR 628-53, 50172 | ✓ | | | |
| | | | JOK7J - C-UPGR 628-56, 50046 | ✓ | | | |
| | | | JOSWJ - C-UPGR 026 Fdr- PILC | S | | | |
| | | | JOSX3 - C-UPGR 560-51 & 52, FDR | S | | | |
| JOTQ9 - C-UPGR 560-56, 15344 | S | | | | | | |
| JOSX1 - C-UPGR 553-53, 55 FDR | S | | | | | | |
| JOR67 - C-UPGR [REDACTED] 015 PILC W | S | | | | | | |
| JOSWF - C-UPGR [REDACTED] 015, PILC (D&V) | S | | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance | | | | |
|---------------------------------|-------------------|-------------------|---|----------------|---------------------------------|-----------|----------|--|--------|--------|---------|
| Smart, Reliable Grid Operations | UG Cable Upgrades | UG Cable Upgrades | JOJRG - C-UPGR [REDACTED] 148-10 6936 | S | | | | | | | |
| | | | JOSWT - C-UPGR [REDACTED] 551-53,54 fdr | S | | | | | | | |
| | | | JOTND - C-UPGR [REDACTED] 251 Fdr, PILC (W) | S | | | | | | | |
| | | | JOSWG - C-UPGR [REDACTED] - PILC | S | | | | | | | |
| | | | JOJKC - C-UPGR [REDACTED] 890-52, [REDACTED] | S | | | | | | | |
| | | | JOJK9 - C-UPGR [REDACTED] 890-53, [REDACTED] | S | | | | | | | |
| | | | JOTVH - C-UPGR [REDACTED] 190-51 & 54 FDR | S | | | | | | | |
| | | | JOSX0 - C-UPGR [REDACTED] 546-51 & 53 FDR | S | | | | | | | |
| | | | JOJQQ - C-UPGR [REDACTED] 260-53, [REDACTED] | S | | | | | | | |
| | | | JOJS8 - C-UPGR [REDACTED] 543-51, [REDACTED] | S | | | | | | | |
| | | | JOJS7 - C-UPGR [REDACTED] 543-56, [REDACTED] | S | | | | | | | |
| | | | JOJSH - C-UPGR [REDACTED] 543-56, [REDACTED] | S | | | | | | | |
| | | | JOJRC - C-UPGR [REDACTED] 167-52, [REDACTED] | S | | | | | | | |
| | | | JOSWH - C-UPGR [REDACTED] 20 fdr- PILC | S | | | | | | | |
| | | | JOV8V - C-UPGR [REDACTED] 81, [REDACTED] | S | | | | | | | |
| | | | JOJB7 - C-UPGR [REDACTED] 178-54, [REDACTED] | S | | | | | | | |
| | | | JOTNF - C-UPGR [REDACTED] 255 fdr, PILC PH A | S | | | | | | | |
| | | | JOJVP - C-UPGR [REDACTED] 203-51, [REDACTED] | S | | | | | | | |
| | | | JOJK8 - C-UPGR [REDACTED] 689-51, [REDACTED] | S | | | | | | | |
| | | | JOKJ9 - C-UPGR [REDACTED] 689-52, [REDACTED] P2 | S | | | | | | | |
| | | | JOJB3 - C-UPGR [REDACTED] 246-56, [REDACTED] | S | | | | | | | |
| | | | JOJ9V - C-UPGR [REDACTED] 264-56, [REDACTED] 51 | S | | | | | | | |
| | | | JOJRB - C-UPGR [REDACTED] 134-52, [REDACTED] | S | | | | | | | |
| | | | JOJPW - C-UPGR [REDACTED] 140-6, [REDACTED] | S | | | | | | | |
| | | | JOTK6 - C-UPGR [REDACTED] 127-51, [REDACTED] | S | | | | | | | |
| | | | JOJNB - C-UPGR [REDACTED] 127-55, [REDACTED] | S | | | | | | | |
| | | | JOTQD - C-UPGR [REDACTED] 593-53&56, PH2 | S | | | | | | | |
| | | | JOSWC - C-UPGR [REDACTED] 251 Fdr, PILC (D) | R | | | | | | | |
| | | | JOJQT - C-UPGR [REDACTED] 259-58, [REDACTED] | R | | | | | | | |
| | | | JOSWL - C-UPGR [REDACTED] 317 - PILC | R | | | | | | | |
| | | | JOJM9 - C-UPGR [REDACTED] 633-57, 10130 | R | | | | | | | |
| | | | JOJKD - C-UPGR [REDACTED] 638-51, [REDACTED] | R | | | | | | | |
| | | | JOSWD - C-UPGR [REDACTED] 255 fdr, PILC PH B | R | | | | | | | |
| | | | JOSWR - C-UPGR [REDACTED] 556-54, [REDACTED] | R | | | | | | | |
| | | | JOJCM - C-UPGR [REDACTED] 214-53, [REDACTED] | R | | | | | | | |
| | | | UG Cable Upgrades Total | | | | | | 40,720 | 42,503 | (1,783) |
| | | | UG Cable Upgrades Total | | | | | | 53,003 | 54,154 | (1,151) |
| | | | UG Revitalization | Indoor Rooms | JOJG4 - [REDACTED] Indr Rm | S | | | | | |
| | | | | | JONBT - [REDACTED] Indr Rm | R | | | | | |
| | | | | | JONBV - [REDACTED] Indr Rm | R | | | | | |
| | | | | | JOP4Q - OA321 [REDACTED] InRm | R | | | | | |
| | | | | | Indoor Rooms Total | | | | | 943 | 623 |
| | | | UG Revitalization | | JOTLN - OA321 - 026-1 PILC UPGR | ✓ | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance |
|--|-------------------|-------------------|--|----------------|-------------|-----------|----------|
| Smart, Reliable Grid Operations | UG Revitalization | UG Revitalization | JOVTM - 0A321 - ██████████ -234-55-54 UPGR | ✓ | | | |
| | | | JORZ3 - 0A321 - DA Controls SWO | ✓ | | | |
| | | | JOT43 - 0A321 - ██████████ Conduit | ✓ | | | |
| | | | JOS0W - 0A321 - ██████████ Diversify | ✓ | | | |
| | | | JOJ5Q - 0A321 - ██████████ Conduit | ✓ | | | |
| | | | JORJP - 0A321 - ██████████ Cond-Cab | ✓ | | | |
| | | | JOFK2 - 0A321 - ██████████ Diversify | ✓ | | | |
| | | | JOGBS - 0A321 - ██████████ Conduit | ✓ | | | |
| | | | JOGBT - 0A321 - ██████████ Conduit | ✓ | | | |
| | | | JOGBV - 0A321 - ██████████ Conduit | ✓ | | | |
| | | | JOQ98 - 0A321 - ██████████ -12kV Conv | ✓ | | | |
| | | | JOCLD - 0A321 - ██████████ CAB-CON | ✓ | | | |
| | | | JOFCS - 0A321 - ██████████ DA-SWGR | ✓ | | | |
| | | | JOQB8 - 0A321 - ██████████ Upgrade | ✓ | | | |
| | | | JOJDX - 0A321 - ██████████ Fdr Exit Conduit | ✓ | | | |
| | | | JOGBJ - 0A321 - ██████████ Conduit | ✓ | | | |
| | | | 0A321 - 0A321-MDI-Underground Renewal | ✓ | | | |
| | | | JOHMB - 0A321 - ██████████ MH DeCongest | ✓ | | | |
| | | | JOHCX - 0A321 - ██████████ DA-18-██████████ | ✓ | | | |
| | | | JOFGT - 0A321 - ██████████ Con | ✓ | | | |
| | | | JOCDN - ██████████ ReRte-PILC Cab | ✓ | | | |
| | | | JOCFJ - ██████████ Diversify | ✓ | | | |
| | | | JOFGW - ██████████ 0 UPGR PILC | ✓ | | | |
| | | | JOTQV - 0A321 - ██████████ Cond | S | | | |
| | | | JORLJ - 0A321 - ██████████ PILC & Reroute | S | | | |
| | | | JOS43 - 0A321 - ██████████ Reroute Cab | S | | | |
| | | | JOV45 - 0A321 - ██████████ Reroute & PILC | S | | | |
| | | | JOGB8 - 0A321 - ██████████ Conduit | S | | | |
| | | | JOTQ2 - 0A321 - ██████████ 1234-11 Diversify | S | | | |
| | | | JORJQ - 0A321 - ██████████ Reroute & PILC | S | | | |
| | | | JOV TZ - 0A321 - ██████████ Reroute & Cable | S | | | |
| | | | JOHP1 - 0A321-480V ██████████ XFMR PTO UPGR | S | | | |
| | | | JOHP3 - 0A321 - ██████████ -Vault | S | | | |
| | | | JOFD6 - 0A321 - ██████████ CAB | S | | | |
| | | | JOHP0 - 0A321 - ██████████ CAB | S | | | |
| | | | JOHNZ - 0A321 - ██████████ CAB Upgr | S | | | |
| | | | JOGBB - 0A321 - ██████████ Room | S | | | |
| | | | JOVS6 - 0A321 - ██████████ COND Rev ██████████ | S | | | |
| | | | JO3P8 - 0A321 - ██████████ | S | | | |
| | | | JOV4J - 0A321 - ██████████ UPGR | S | | | |
| JOGBD - 0A321 - ██████████ Conduit | S | | | | | | |
| JOGBF - 0A321 - ██████████ Reformation | S | | | | | | |
| JOGBH - 0A321 - ██████████ Reformation | S | | | | | | |
| JOJ61 - 0A321 - ██████████ Conduit | S | | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance | | | | |
|---------------------------------|-------------------|-------------------|---|----------------|------------------|----------------------------|----------|--|--------|--------|---------|
| Smart, Reliable Grid Operations | UG Revitalization | UG Revitalization | JOJFM - 0A321- [REDACTED] CON | S | | | | | | | |
| | | | JOJFD5 - 0A321- [REDACTED] Con | S | | | | | | | |
| | | | JOJCCQ - 0A321- [REDACTED] Cond | S | | | | | | | |
| | | | JOJF9B - 0A321- [REDACTED] Cond | S | | | | | | | |
| | | | JOJFD8 - 0A321- [REDACTED] CAB-Sec Upgr | S | | | | | | | |
| | | | JOJGBK - 0A321- [REDACTED] Conduit | S | | | | | | | |
| | | | JOJFQ - 0A321- [REDACTED] ReRoute Cab | S | | | | | | | |
| | | | JOJFS - 0A321- [REDACTED] ReRoute Cab | S | | | | | | | |
| | | | JOJGBL - 0A321- [REDACTED] Reformation | S | | | | | | | |
| | | | JOJDR - 0A321- [REDACTED] ReRoute Cab | S | | | | | | | |
| | | | JOJDS - 0A321- [REDACTED] ReRoute Cab | S | | | | | | | |
| | | | JOJFT - 0A321- [REDACTED] ReRoute Cab | S | | | | | | | |
| | | | JOJDZ - 0A321- [REDACTED] Network Vault Revi | S | | | | | | | |
| | | | JOJCF - 0A321- [REDACTED] -Broad Cond | S | | | | | | | |
| | | | JOJDT - 0A321- [REDACTED] Cable Upgr | S | | | | | | | |
| | | | JOJ44 - 0A321- [REDACTED] Upgr | R | | | | | | | |
| | | | JOJ4P - 0A321- [REDACTED] -VLT-XFMR CAB UPGR | R | | | | | | | |
| | | | JOJLTN - 0A321- [REDACTED] FO-TEMP CAB | R | | | | | | | |
| | | | JOJ62 - 0A321- [REDACTED] XFMR PTO | R | | | | | | | |
| | | | JOJKNL - 0A321- [REDACTED] Prim-CAB-Sect | R | | | | | | | |
| | | | JOJQ9 - 0A321- [REDACTED] UG Loop | R | | | | | | | |
| | | | JOJNBC - 0A321- [REDACTED] | R | | | | | | | |
| | | | JOJ4R - 0A321- [REDACTED] PILC Upgr | R | | | | | | | |
| | | | JOJG6 - 0A321- [REDACTED] - Reroute CAB & COND | R | | | | | | | |
| | | | JOJHP2 - 0A321- [REDACTED] -Ntwk [REDACTED] Fiber | R | | | | | | | |
| | | | JOJF2 - MH Sys Monitorng & Ventilation UPGR | R | | | | | | | |
| | | | UG Revitalization Total | | | | | | 30,959 | 40,246 | (9,287) |
| | | | | | UG Manhole/Vault | 0A669 - UG-MH&VLT Upgr-SWO | ✓ | | | | |
| | | | JOJ6WQ - UG-VLT UPGR - [REDACTED] | ✓ | | | | | | | |
| | | | JOJ03R - UG-VLT Upgr [REDACTED] | ✓ | | | | | | | |
| | | | JOJ094 - UG-VLT UPGR [REDACTED] | ✓ | | | | | | | |
| | | | JOJ09FP - UG-VLT Upgr [REDACTED] | ✓ | | | | | | | |
| | | | JOJ09FX - UG-VLT UPGR [REDACTED] | ✓ | | | | | | | |
| | | | JOJ0H3N - UG-VLT Upgr [REDACTED] | ✓ | | | | | | | |
| | | | JOJ0HC1 - UG-VLT Upgr [REDACTED] | ✓ | | | | | | | |
| | | | JOJ0M7C - UG-VLT Upgr [REDACTED] | ✓ | | | | | | | |
| | | | JOJ0D9M - UG-MH UPGR - [REDACTED] | ✓ | | | | | | | |
| | | | JOJ06WP - UG-MH UPGR - [REDACTED] | ✓ | | | | | | | |
| | | | JOJ0F4Z - UG-MH UPGR- [REDACTED] | ✓ | | | | | | | |
| | | | JOJ05BJ - UG-MH UPGR [REDACTED] | ✓ | | | | | | | |
| | | | JOJ0Q0Q - UG-MH Upgr [REDACTED] | ✓ | | | | | | | |
| | | | JOJ0QM7 - UG-MH Upgr [REDACTED] | ✓ | | | | | | | |
| | | | JOJ0QM6 - UG-MH Upgr [REDACTED] | ✓ | | | | | | | |
| | | | JOJ0QM5 - UG-MH Upgr [REDACTED] | ✓ | | | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance |
|---------------------------------|-------------------|------------------|---------------------|----------------|-------------|-----------|----------|
| Smart, Reliable Grid Operations | UG Revitalization | UG Manhole/Vault | JOG2Q - UG-MH UPGR- | ✓ | | | |
| | | | JOG2R - UG-MH UPGR- | ✓ | | | |
| | | | JOLV2 - UG-MH Upgr- | ✓ | | | |
| | | | JOQQ2 - UG-MH Upgr- | ✓ | | | |
| | | | JOTN2 - UG-MH Upgr- | ✓ | | | |
| | | | JOJVF - UG-MH UPGR- | ✓ | | | |
| | | | JOM2Q - UG-MH Upgr- | ✓ | | | |
| | | | JOG2T - UG-MH Upgr- | ✓ | | | |
| | | | JOH4H - UG-MH UPGR- | ✓ | | | |
| | | | JOQHT - UG-MH Upgr- | ✓ | | | |
| | | | JOTG9 - UG-MH Upgr- | ✓ | | | |
| | | | JO99H - UG-MH UPGR- | ✓ | | | |
| | | | JOGZX - UG-MH UPGR- | ✓ | | | |
| | | | JORK7 - UG-MH Upgr- | ✓ | | | |
| | | | JOQ0R - UG-MH Upgr- | ✓ | | | |
| | | | JOVG5 - UG-MH Upgr- | ✓ | | | |
| | | | JOQMC - UG-MH Upgr- | ✓ | | | |
| | | | JOQM4 - UG-MH Upgr- | ✓ | | | |
| | | | JOQQ3 - UG-MH Upgr- | ✓ | | | |
| | | | JOMP4 - UG-MH Upgr- | ✓ | | | |
| | | | JORK8 - UG-MH Upgr- | ✓ | | | |
| | | | JOHCL - UG-MH Upgr- | ✓ | | | |
| | | | JOJ8Q - UG-MH Upgr- | ✓ | | | |
| | | | JONKF - UG-MH Upgr- | ✓ | | | |
| | | | JODJV - UG-MH UPGR- | ✓ | | | |
| | | | JORQ3 - UG-MH Upgr- | ✓ | | | |
| | | | JONKD - UG-MH Upgr- | ✓ | | | |
| | | | JONGT - UG-MH UPGR- | ✓ | | | |
| | | | JOQRZ - UG-MH Upgr- | ✓ | | | |
| | | | JOQS0 - UG-MH Upgr- | ✓ | | | |
| | | | JOMDP - UG-MH Upgr- | ✓ | | | |
| | | | JONKB - UG-MH Upgr- | ✓ | | | |
| | | | JONKC - UG-MH Upgr- | ✓ | | | |
| | | | JOHWK - UG-MH Upgr- | ✓ | | | |
| | | | JONKV - UG-MH Upgr- | ✓ | | | |
| | | | JORK6 - UG-MH Upgr- | ✓ | | | |
| | | | JOH55 - UG-MH UPGR- | ✓ | | | |
| | | | JOJ8V - UG-MH Upgr- | ✓ | | | |
| | | | JOJV8 - UG-MH UPGR- | ✓ | | | |
| | | | JOHWL - UG-MH Upgr- | ✓ | | | |
| JOR9R - UG-MH Upgr- | ✓ | | | | | | |
| JO60C - UG-VLT (SC) UPGR | S | | | | | | |
| JOM4B - UG-VLT Upgr - | S | | | | | | |
| JOH3T - UG-VLT UPGR- | S | | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance |
|---------------------------------|-------------------|------------------|----------------------|----------------|-------------|-----------|----------|
| Smart, Reliable Grid Operations | UG Revitalization | UG Manhole/Vault | JOD3N - UG-VLT UPGR | S | | | |
| | | | JOMP3 - UG-VLT Upgr | S | | | |
| | | | JOX23 - UG-VLT Upgr | S | | | |
| | | | JOG2X - UG-VLT Upgr- | S | | | |
| | | | J0721 - UG-VLT UPGR | S | | | |
| | | | J0D3L - UG-VLT Upgr | S | | | |
| | | | J0G2Z - UG-VLT Upgr- | S | | | |
| | | | J0H3Q - UG-VLT Upgr- | S | | | |
| | | | J0H3P - UG-VLT Upgr- | S | | | |
| | | | J0D3X - UG-VLT Upgr | S | | | |
| | | | J0M4H - UG-VLT Upgr | S | | | |
| | | | J0QJR - UG-VLT Upgr | S | | | |
| | | | J0G2V - UG-VLT Upgr- | S | | | |
| | | | J0H3S - UG-VLT Upgr | S | | | |
| | | | J0D4S - UG-MH UPGR - | S | | | |
| | | | J0FZW - UG-MH UPGR- | S | | | |
| | | | J0RZ8 - UG-MH Upgr | S | | | |
| | | | J0V95 - UG-MH Upgr | S | | | |
| | | | J0TZQ - UG-MH Upgr | S | | | |
| | | | J0TTC - UG-MH Upgr | S | | | |
| | | | J0V3V - UG-MH Upgr | S | | | |
| | | | J0TGD - UG-MH Upgr | S | | | |
| | | | J0V3X - UG-MH Upgr | S | | | |
| | | | J0V94 - UG-MH Upgr | S | | | |
| | | | J0TZP - UG-MH Upgr | S | | | |
| | | | J0Q58 - UG-MH Upgr | S | | | |
| | | | J0W2X - UG-MH Upgr | S | | | |
| | | | J0TTB - UG-MH Upgr | S | | | |
| | | | J0V8H - UG-MH Upgr | S | | | |
| | | | J0V3Z - UG-MH Upgr | S | | | |
| | | | J0V93 - UG-MH Upgr | S | | | |
| | | | J0G2S - UG-MH Upgr- | S | | | |
| | | | J0VG9 - UG-MH UPGR | S | | | |
| | | | J0V92 - UG-MH Upgr | S | | | |
| | | | J0VG4 - UG-MH Upgr | S | | | |
| | | | J0H0K - UG-MH UPGR | S | | | |
| | | | J0VJF - UG-MH Upgr | S | | | |
| | | | J0GZW - UG-MH UPGR | S | | | |
| | | | J0TR1 - UG-MH Upgr | S | | | |
| | | | J0S67 - UG-MH Upgr | S | | | |
| J0S66 - UG-MH Upgr | S | | | | | | |
| J0TCN - UG-MH Upgr | S | | | | | | |
| J0TT8 - UG-MH Upgr | S | | | | | | |
| J0TCM - UG-MH Upgr | S | | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance |
|--|---------------------|---------------------|---------------------------------------|----------------|----------------|----------------|-----------------|
| Smart, Reliable Grid Operations | UG Revitalization | UG Manhole/Vault | JOTN1 - UG-MH Upgr | S | | | |
| | | | JOX22 - UG-MH Upgr | S | | | |
| | | | JOVG8 - UG-MH UPGR | S | | | |
| | | | JOVG7 - UG-MH UPGR | S | | | |
| | | | JOWWS - UG-MH Upgr | S | | | |
| | | | JOT57 - UG-MH Upgr | S | | | |
| | | | JOGZV - UG-MH UPGR | S | | | |
| | | | JOV3W - UG-MH Upgr | S | | | |
| | | | JOTCP - UG-MH Upgr | S | | | |
| | | | JOTGF - UG-MH Upgr | S | | | |
| | | | JOGZT - UG-MH UPGR | S | | | |
| | | | JOCKS - UG-MH UPGR- | S | | | |
| | | | JOJVG - UG-MH UPGR | S | | | |
| | | | JOTJG - UG-MH Upgr | S | | | |
| | | | JORW9 - UG-MH Upgr | S | | | |
| | | | JORWB - UG-MH Upgr | S | | | |
| | | | JOQ0V - UG-MH Upgr | S | | | |
| | | | JORT7 - UG-MH Upgr | S | | | |
| | | | JORT6 - UG-MH Upgr | S | | | |
| | | | JOW2V - UG-MH Upgr | S | | | |
| | | | JORW8 - UG-MH Upgr | S | | | |
| | | | JOJ8S - UG-MH Upgr | S | | | |
| | | | JONKT - UG-MH Upgr | S | | | |
| | | | JONKX - UG-MH Upgr | S | | | |
| | | | JONKW - UG-MH Upgr | S | | | |
| | | | JONKS - UG-MH Upgr | S | | | |
| | | | JORGW - UG-MH Upgr | S | | | |
| | | | JOG2M - UG-MH UPGR- | R | | | |
| | | | JORZ9 - UG-MH Upgr | R | | | |
| | | | JOQ57 - UG-MH Upgr | R | | | |
| | | | JORGX - UG-MH Upgr | R | | | |
| | | | JORK9 - UG-MH Upgr | R | | | |
| | | | JORQ2 - UG-MH Upgr | R | | | |
| JOR9S - UG-MH Upgr | R | | | | | | |
| UG Manhole/Vault Total | | | | | 11,767 | 11,217 | 550 |
| UG Revitalization Total | | | | | 43,669 | 52,086 | (8,417) |
| Smart, Reliable Grid Operations Total | | | | | 387,511 | 455,112 | (67,601) |
| Smart Meter Program | Smart Meter Program | Smart Meter Program | JOD07 - SMP Elec Meters & Install SWO | ✓ | | | |
| | | | JODGP - SMP MkRdy | ✓ | | | |
| | | | JOD0D - SMP Ntwk Eqplnst | ✓ | | | |
| | | | JOCZZ - SMP IOC | ✓ | | | |
| | | | JODGX - SMP MkRdy | ✓ | | | |
| | | | JOD0H - SMP Ntwk Eqplnst | ✓ | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance | | |
|---|--|---|---|----------------|-------------|--------------|----------------|--------|---------|
| Smart Meter Program | Smart Meter Program | Smart Meter Program | JODGW - SMP Underground MkRdy | ✓ | | | | | |
| | | | JOD0G - SMP Underground Ntwk Eqplnst | ✓ | | | | | |
| | | | JODGZ - SMP ██████████ MkRdy | S | | | | | |
| | | | JOD0J - SMP ██████████ Ntwk Eqplnst | S | | | | | |
| | | | JODH2 - SMP ██████████ MkRdy | S | | | | | |
| | | | JOD0K - SMP ██████████ Ntwk Eqplnst | S | | | | | |
| | | | JOD0F - SMP ██████████ Ntwk Eqplnst | S | | | | | |
| | | | JODH4 - SMP ██████████ MkRdy | S | | | | | |
| | | | JODH3 - SMP ██████████ MkRdy | S | | | | | |
| | | | JOD0C - SMP ██████████ Ntwk Eqplnst | S | | | | | |
| | | | JOM17 - SMP Digital Deploy Support | R | | | | | |
| | | | JOL2P - SMP Meter Farm | R | | | | | |
| | | | JOD01 - SMP ██████████ Ntwk Eqplnst | S | | | | | |
| | | | Smart Meter Program Total | | | | | 65,085 | 71,240 |
| | Customer Requirements & Communications | JOCZS - SMP TOU Digital SI UPGR | ✓ | | | | | | |
| | | JOL2V - SMP TOU Web Presentment | ✓ | | | | | | |
| Customer Requirements & Communications Total | | | | | 16,856 | 12,814 | 4,042 | | |
| Smart Meter Program Total | | | | | 81,941 | 84,054 | (2,113) | | |
| Smart Meter Program Total | | | | | | | | | |
| Non-Nuclear Generation & Environmental | Grid Performance | Cyber Security Upgrades/ New Technologies | 20248 - ██████████ HMI LIFECYCLE UPGR | ✓ | | | | | |
| | | | J05HF - ██████████ HMI LIFECYCLE UPGR | ✓ | | | | | |
| | | | J0JQ1 - ██████████ Cybersecurity- Priority 1 | S | | | | | |
| | | | Cyber Security Upgrades/New Technologies Total | | | | | 388 | 1,343 |
| | Exciter Upgrades | J0FJR - ██████████ HP/LP Exciter Digital FE UPGR | ✓ | | | | | | |
| | | J0FJT - ██████████ HP/LP Exciter Digital FE UPGR | ✓ | | | | | | |
| | Exciter Upgrades Total | | | | | 992 | 1,321 | (329) | |
| | GSU Transformer Upgrades | J0C9G - ██████████ Transformer Explosion Protect | ✓ | | | | | | |
| J0C53 - ██████████ XFMR Explosion Protection | | ✓ | | | | | | | |
| GSU Transformer Upgrades Total | | | | | 874 | | 874 | | |
| Grid Performance Total | | | | | 2,254 | 2,664 | (410) | | |
| Non-Nuclear Generation & Environmental Total | | | | | | | | | |
| Nuclear Generation | Grid Performance | Controls Upgrades for Faster Ramp Rates/Lower Minimums | 11293 - ██████████ Turbine Controls Digital UPGR | ✓ | | | | | |
| | | | J0F5W - ██████████ Digital Feedwater UPGR | S | | | | | |
| | | | J0PLL - ██████████ Exciter XFMR UPGR | S | | | | | |
| | | Controls Upgrades for Faster Ramp Rates/Lower Minimums Total | | | | | 423 | 1,464 | (1,041) |
| | | Switchyard Breaker/ Relay Upgrades | J0CW9 - ██████████ Relay UPGR | S | | | | | |
| Switchyard Breaker/Relay Upgrades Total | | | | | 382 | 1,221 | (839) | | |
| Grid Performance Total | | | | | 805 | 2,685 | (1,880) | | |
| Nuclear Generation Total | | | | | 805 | 2,685 | (1,880) | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance | | |
|---|--|--|--|----------------|-------------|--------------|--------------|----------------|---------|
| Hydro Generation | Grid Performance | Cyber Security Upgrades/ New Technologies | J0JMC - Hydro Cybersecurity-Priority 1 | R | | | | | |
| | | Cyber Security Upgrades/New Technologies Total | | | | | 86 | (86) | |
| | | Exciter Upgrades | J06VD - [REDACTED] EXCITER UPGR | ✓ | | | | | |
| | | | J06VF - [REDACTED] EXCITER UPGR | ✓ | | | | | |
| | | | J06VG - [REDACTED] EXCITER UPGR | ✓ | | | | | |
| | | | J02N0 - [REDACTED] Exciter UPGR | S | | | | | |
| | | | J06VH - [REDACTED] Exciter UPGR | S | | | | | |
| | | | J06VJ - [REDACTED] EXCITER UPGR | S | | | | | |
| | | | J06VK - [REDACTED] 4 EXCITER UPGR | S | | | | | |
| | | | J06VL - [REDACTED] EXCITER UPGR | S | | | | | |
| | | J02SV - [REDACTED] Exciter UPGR | S | | | | | | |
| | | Exciter Upgrades Total | | | | | 1,726 | 1,786 | (60) |
| | | GSU Transformer Upgrades | J0KTB - [REDACTED] GSU XFMR UPGR | S | | | | | |
| | | GSU Transformer Upgrades Total | | | | | 161 | 221 | (60) |
| Switchyard Breaker/ Relay Upgrades | J0LR1 - [REDACTED] SWYD Disconnect Switch UPGR | S | | | | | | | |
| Switchyard Breaker/Relay Upgrades Total | | | | | 229 | 143 | 86 | | |
| Grid Performance Total | | | | | 2,116 | 2,236 | (120) | | |
| Hydro Generation Total | | | | | | 2,116 | 2,236 | (120) | |
| Renewable & Gas Turbine Generation | Grid Performance | Cyber Security Upgrades/ New Technologies | J0JMJ - CTG Cybersecurity- Priority 1 | R | | | | | |
| | | Cyber Security Upgrades/New Technologies Total | | | | | 1,034 | (1,034) | |
| | | Exciter Upgrades | J0KQ3 - [REDACTED] Excitation Sys Modern | S | | | | | |
| | | | J0KQ2 - [REDACTED] Excitation System UPGR | R | | | | | |
| | | | J0KPX - [REDACTED] Excitation System UPGR | S | | | | | |
| | | Exciter Upgrades Total | | | | | 265 | 1,768 | (1,503) |
| | | GSU Transformer Upgrades | J0C9K - [REDACTED] XFMR Expl Protect | ✓ | | | | | |
| J0T2P - [REDACTED] GSU XFMRs UPGR | R | | | | | | | | |
| GSU Transformer Upgrades Total | | | | | 511 | 459 | 52 | | |
| Grid Performance Total | | | | | 776 | 3,261 | (2,485) | | |
| Renewable & Gas Turbine Generation Total | | | | | | 776 | 3,261 | (2,485) | |
| Secure & Reliable Transmission | Grid Performance | Line Reliability Improvements | J0KH7 - [REDACTED] -1 & -2 Shield Wire UPGR | ✓ | | | | | |
| | | | J0C7Z - [REDACTED] (138kV) - New Line Pos. | ✓ | | | | | |
| | | | J0DWB - [REDACTED] -2 138kV-RR Line Pos | ✓ | | | | | |
| | | | J0KH9 - NGC [REDACTED] -3 | ✓ | | | | | |
| | | | J04N3 - [REDACTED] 2_138kV_NGC Tower UPGR | ✓ | | | | | |
| | | | J0R87 - [REDACTED] -1 - Str. 75 New Steel Pole | ✓ | | | | | |
| | | | J0LOC - [REDACTED] 1 | ✓ | | | | | |
| | | | J0SLW - [REDACTED] Tie In | S | | | | | |
| | | | J0W8J - [REDACTED] -1 & [REDACTED] -7024 | S | | | | | |
| | | | J0G90 - [REDACTED] -2 161kV Line RERTE | S | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance |
|--|------------------|-------------------------------|---|----------------|-------------|-----------|----------|
| Secure & Reliable Transmission | Grid Performance | Line Reliability Improvements | JOW8L - ██████████ -3 RERTE | S | | | |
| | | | JOW8H - ██████████ -2 RERTE | S | | | |
| | | | JOV80 - ██████████ RERTE into ██████████ | S | | | |
| | | | JOHZT - ██████████ 345kV Line Rblld | S | | | |
| | | | JOQVR - ██████████ -S-7 - Insulators and ABPDs | S | | | |
| | | | JOLQZ - ██████████ 161kV Line UPGR | S | | | |
| | | | JOHZS - ██████████ -S-4 Rblld Str 112-117 | S | | | |
| | | | JOP8Z - ██████████ -7891-Line RBLD | S | | | |
| | | | JORBN - RBLD ██████████ Sub Supply Lines | S | | | |
| | | | JOTQJ - RERTE ██████████ | S | | | |
| | | | JOSPO - ██████████ 138kV RBLD | R | | | |
| | | | JOPVS - J817 ██████████ -3 - New Structure | R | | | |
| | | | JOPVR - J817 ██████████ -3 (161kV) - RERTE | R | | | |
| | | | JOQD3 - ██████████ -7407 - RERTE | R | | | |
| | | | JOQ6J - ██████████ -3 (345kv)- RBLD | S | | | |
| | | | JOTX6 - ██████████ -7288 Line RBLD 01F | S | | | |
| | | | JOV2N - ██████████ -4 RERTE ██████████ | S | | | |
| | | | JOV5F - RBLD ██████████ -6204 | S | | | |
| | | | JOTJ4 - RERTE ██████████ -1 | S | | | |
| | | | JOQ79 - ██████████ DC 345/161 kV Line | S | | | |
| Line Reliability Improvements Total | | | | | 10,515 | 11,399 | (884) |
| Mobile Transformers | | | | | | | |
| Mobile Transformers Total | | | | | | 251 | (251) |
| Substation Reliability Improvements | | | JOQVN - ██████████ Additional Property Purchase | ✓ | | | |
| | | | JOKW1 - ██████████ (161 kV) 6-Position Ring Bus | ✓ | | | |
| | | | JOSL1 - ██████████ Comm Equipment | ✓ | | | |
| | | | JOF58 - ██████████ (138kV) -Add 2 Line BRK | ✓ | | | |
| | | | JOLPO - ██████████ - Add BRKRs | ✓ | | | |
| | | | JOQX7 - ██████████ Sub Comms Equipment | ✓ | | | |
| | | | JOHZK - ██████████ 138kV RB Line Work | S | | | |
| | | | JOHZJ - ██████████ 138kV Ring Bus | S | | | |
| | | | JOTMF - ██████████ Comm Equipment | S | | | |
| | | | JOP8W - ██████████ 161 kV Ring Bus | S | | | |
| | | | JOR0H - ██████████ Comm Equipment | S | | | |
| | | | JOJ7V - ██████████ Substation RBLD | S | | | |
| | | | JOSQ5 - ██████████ 138kV Capacitor bank | S | | | |
| | | | JOPWP - J817 ██████████ Network UPGR | S | | | |
| | | | JOP8X - ██████████ (161kV)-Add Bus Tie | S | | | |
| | | | JOQVM - ██████████ Install Network Equipment | S | | | |
| | | | JOHZM - ██████████ 138kV Ring Bus | S | | | |
| | | | JOQZ4 - ██████████ Sub - Network Equipment | S | | | |
| | | | JOHZN - ██████████ - Add 161kV Line & Tie BRKRs | S | | | |
| | | | JOQZ5 - ██████████ Sub - Network Equipment | S | | | |
| JOPOR - ██████████ BT 1-2 UPGR | R | | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance | | |
|----------------------------------|------------------|---|---|--------------------------------------|-------------|-----------|----------|--------|-------|
| Secure & Reliable Transmission | Grid Performance | Substation Reliability Improvements | JOPWJ - J817 - [REDACTED] IF Line POS | R | | | | | |
| | | | JOP0K - [REDACTED] BRKR UPGRs | R | | | | | |
| | | | JOG9L - [REDACTED] Sub Add Line BRKR | R | | | | | |
| | | | JOQNF - [REDACTED] (161kV) - Land Acquisition | S | | | | | |
| | | | JOV0S - [REDACTED] 69kV Terminal Pos | S | | | | | |
| | | | JORSB - [REDACTED] -1-2 [REDACTED] Tie-In | S | | | | | |
| | | | JOHZQ - [REDACTED] 138kV Ring Bus | S | | | | | |
| | | | JOHZR - [REDACTED] RB Line Work | S | | | | | |
| | | | JOTZV - [REDACTED] Ring Bus Comm Equipment | S | | | | | |
| | | | JOQ77 - [REDACTED] 345kV Ring Bus | S | | | | | |
| | | JOSXW - [REDACTED] Property Purchase | S | | | | | | |
| | | JORPS - [REDACTED] XFMR HS Breakers | S | | | | | | |
| | | Substation Reliability Improvements Total | | | | | 33,503 | 25,228 | 8,275 |
| | | VAR Compensation | | JOGXG - [REDACTED] Static VAR Sys. | S | | | | |
| | | | | JOG9J - [REDACTED] Add Shunt Reactor | S | | | | |
| VAR Compensation Total | | | | | 14,519 | 16,303 | (1,784) | | |
| Grid Performance Total | | | | | | 58,537 | 53,181 | 5,356 | |
| Modernization | Breaker Upgrades | J087S - [REDACTED] BT-1-2 Brkr-Relay-Switch | ✓ | | | | | | |
| | | JOG94 - [REDACTED] Upgr BRKR, Switches | ✓ | | | | | | |
| | | JOJ81 - [REDACTED] BRKR UPGR BT 3-4 | ✓ | | | | | | |
| | | JOF5K - [REDACTED] -2 Brkr Upgr | ✓ | | | | | | |
| | | JOC4J - [REDACTED] -V41 345kV BRKR UPGR | ✓ | | | | | | |
| | | J08K6 - [REDACTED] BRKR UPGRs | ✓ | | | | | | |
| | | JOC7M - [REDACTED] Brkr 6300 Upgr | ✓ | | | | | | |
| | | JOC5Z - [REDACTED] - BT1-2 Brkr Upgr | S | | | | | | |
| | | JOJ83 - [REDACTED] BRKR UPGR BTs 1-2 2-3 | S | | | | | | |
| | | JOC63 - [REDACTED] Circuit Breaker UPGR | S | | | | | | |
| | | JOG9G - [REDACTED] BRKR-Bus UPGR BT 1-2 3-4 | S | | | | | | |
| | | JO8XR - [REDACTED] BT-2-3 BRKR-Switch UPGR | ✓ | | | | | | |
| | | JOJHO - [REDACTED] XFMR Relay panels & BRKR | S | | | | | | |
| | | Breaker Upgrades Total | | | | | 8,390 | 5,567 | 2,823 |
| | | Physical Security Upgrades | | J090P - CIP V5 Low [REDACTED] | ✓ | | | | |
| | | J0923 - CIP V5 Low [REDACTED] | ✓ | | | | | | |
| | | J092Z - CIP V5 Low [REDACTED] | ✓ | | | | | | |
| | | J0931 - CIP V5 Low [REDACTED] | ✓ | | | | | | |
| | | J0DW2 - CIP V5 Low [REDACTED] | ✓ | | | | | | |
| | | J0DW3 - CIP V5 Low [REDACTED] | ✓ | | | | | | |
| | | JOJH5 - CIP V5 [REDACTED] Relay UPGR | S | | | | | | |
| Physical Security Upgrades Total | | | | | 726 | 1,113 | (387) | | |
| Transformer Upgrades | | JOG8Z - [REDACTED] XFMR Upgr and Brkr Addn | ✓ | | | | | | |
| | | JOJ7X - [REDACTED] Sub XFMR-BRKR, Switch UPGR | S | | | | | | |
| | | JOHK6 - [REDACTED] XFMR 2 Upgr | R | | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance |
|-----------------------------------|---------------------|----------------------------|---|----------------|-------------|-----------|----------|
| Secure & Reliable Transmission | Modernization | Transformer Upgrades | JOHK5 - ██████ XFMR 1 Upgr w/ Brkr | S | | | |
| | | Transformer Upgrades Total | | | 7,063 | 7,513 | (450) |
| | Modernization Total | | | | 16,179 | 14,193 | 1,986 |
| | Smart Grid | Intelligrid | JOLSS - ██████ - INTG OPGW Pole UPGR | ✓ | | | |
| | | | JOLST - ██████ - INTG OPGW Pole UPGR | ✓ | | | |
| | | | JOLVQ - ██████ - INTG OPGW | ✓ | | | |
| | | | JOLVS - ██████ -1 - INTG OPGW | ✓ | | | |
| | | | JOLSW - ██████ -3- INTG OPGW | ✓ | | | |
| | | | JOLSZ - ██████ - INTG OPGW Pole UPGR | ✓ | | | |
| | | | JOLSX - ██████ - INTG Pole UPGR | ✓ | | | |
| | | | JOM4P - INTG - ██████ | ✓ | | | |
| | | | JOLMJ - INTG - ██████ | ✓ | | | |
| | | | JOFNK - INTG - ██████ | ✓ | | | |
| | | | JOLS4 - INTG Access High ██████ | ✓ | | | |
| | | | JOLS5 - INTG Access High ██████ | ✓ | | | |
| | | | JOLS6 - INTG Access High ██████ | ✓ | | | |
| | | | JOMD8 - INTG Access High ██████ | ✓ | | | |
| | | | JOLS7 - INTG Access High ██████ | ✓ | | | |
| | | | JOVMS - INTG Access High ██████ Switching | ✓ | | | |
| | | | JOLP3 - INTG Access High ██████ | ✓ | | | |
| | | | JOMCL - INTG Access High ██████ | ✓ | | | |
| | | | JOMD6 - INTG Access High ██████ | ✓ | | | |
| | | | JOMCK - INTG Access High ██████ | ✓ | | | |
| | | | JOMCR - INTG Access High ██████ | ✓ | | | |
| | | | JOMCJ - INTG Access High ██████ | ✓ | | | |
| | | | JOM8X - INTG Access High ██████ | ✓ | | | |
| | | | JOMD7 - INTG Access High ██████ | ✓ | | | |
| | | | JOMCH - INTG Access High ██████ | ✓ | | | |
| | | | JOM8W - INTG Access High ██████ | ✓ | | | |
| | | | JOLPX - INTG Access High ██████ | ✓ | | | |
| | | | JOMCN - INTG Access High ██████ 345kV | ✓ | | | |
| | | | JOMNP - INTG Access High ██████ 69kV | ✓ | | | |
| | | | JOMCG - INTG Access High ██████ | ✓ | | | |
| | | | JOM8V - INTG Access High ██████ | ✓ | | | |
| | | | JOMCP - INTG Access High ██████ | ✓ | | | |
| | | | JOMB5 - INTG Access High ██████ | ✓ | | | |
| | | | JOMB4 - INTG Access High ██████ | ✓ | | | |
| | | | JOMB3 - INTG Access High ██████ | ✓ | | | |
| | | | JOMB2 - INTG Access High ██████ | ✓ | | | |
| | | | JOMB1 - INTG Access High ██████ | ✓ | | | |
| | | | JOMBO - INTG Access High ██████ | ✓ | | | |
| | | | JOTTP - INTG Access Med ██████ -2 | ✓ | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance |
|-----------------------------------|------------|-------------|---|----------------|-------------|-----------|----------|
| Secure & Reliable Transmission | Smart Grid | Intelligrid | JONMK - INTG Access Med | ✓ | | | |
| | | | JON6F - INTG Access Med | ✓ | | | |
| | | | JON5F - INTG Access Med | ✓ | | | |
| | | | JONMC - INTG Access Med | ✓ | | | |
| | | | JOR5T - INTG ACCESS MED | ✓ | | | |
| | | | JOFNM - INTG | ✓ | | | |
| | | | J09XF - INTG | ✓ | | | |
| | | | J0FB5 - INTG | ✓ | | | |
| | | | J0FB6 - INTG | ✓ | | | |
| | | | JODKX - INTG CORE MED | ✓ | | | |
| | | | JODL2 - INTG CORE MED | ✓ | | | |
| | | | JODL7 - INTG CORE MED | ✓ | | | |
| | | | JODLC - INTG CORE MED | ✓ | | | |
| | | | JODLF - INTG CORE MED | ✓ | | | |
| | | | JODLK - INTG CORE MED | ✓ | | | |
| | | | JOG88 - INTG CORE MED IT Trans 2019 UEC | ✓ | | | |
| | | | JODLR - INTG CORE MED | ✓ | | | |
| | | | JODLS - INTG CORE MED | ✓ | | | |
| | | | JODLT - INTG CORE MED | ✓ | | | |
| | | | JODLV - INTG CORE MED | ✓ | | | |
| | | | JODM5 - INTG CORE MED | ✓ | | | |
| | | | JODM6 - INTG CORE MED | ✓ | | | |
| | | | JODM7 - INTG CORE MED | ✓ | | | |
| | | | JODM8 - INTG CORE MED | ✓ | | | |
| | | | JODM9 - INTG CORE MED | ✓ | | | |
| | | | JODMC - INTG CORE MED | ✓ | | | |
| | | | JODMD - INTG CORE MED 345 kV | ✓ | | | |
| | | | JODMK - INTG CORE MED | ✓ | | | |
| | | | JOT9M - INTG CORE MED TELECOM UEC | ✓ | | | |
| | | | JODMM - INTG CORE MED | ✓ | | | |
| | | | JOHVX - INTG CORE UEC 2019 IS DEC19 | ✓ | | | |
| | | | JOFN4 - INTG | ✓ | | | |
| | | | JOFN3 - INTG | ✓ | | | |
| | | | J09V6 - INTG | ✓ | | | |
| | | | JOFNP - INTG | ✓ | | | |
| | | | JOB2Z - INTG | ✓ | | | |
| JOFN6 - INTG | ✓ | | | | | | |
| JOFNB - INTG | ✓ | | | | | | |
| JOFNF - INTG | ✓ | | | | | | |
| JOLB0 - INTG Trans Lines | ✓ | | | | | | |
| J09VK - INTG | ✓ | | | | | | |
| J09VL - INTG | ✓ | | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance |
|------------------------------------|------------|-------------|---|----------------|-------------|-----------|----------|
| Secure & Reliable Transmission | Smart Grid | Intelligrid | JOTTQ - INTG-AM [REDACTED] Bus Tie | ✓ | | | |
| | | | JODQG - RELB [REDACTED] | ✓ | | | |
| | | | JODRB - RELB [REDACTED] | ✓ | | | |
| | | | JODS0 - RELB [REDACTED] | ✓ | | | |
| | | | JOLTO [REDACTED] -1- INTG OPGW | ✓ | | | |
| | | | JOLT1 - [REDACTED] - INTG OPGW Pole UPGR | ✓ | | | |
| | | | JOPXX - [REDACTED] Fiber | ✓ | | | |
| | | | JOLVT - [REDACTED] -2 OPGW | ✓ | | | |
| | | | JOV1Q - INTG Access High [REDACTED] | S | | | |
| | | | JOMCS - INTG Access High [REDACTED] | S | | | |
| | | | JON5V - INTG Access Med [REDACTED] 12kV | S | | | |
| | | | JON5W - INTG Access Med [REDACTED] | S | | | |
| | | | JONMS - INTG Access Med [REDACTED] 2 | S | | | |
| | | | JON5X - INTG Access Med [REDACTED] | S | | | |
| | | | JONMD - INTG Access Med [REDACTED] | S | | | |
| | | | JON5Z - INTG Access Med [REDACTED] | S | | | |
| | | | JON5B - INTG Access Med [REDACTED] | S | | | |
| | | | JON60 - INTG Access Med [REDACTED] | S | | | |
| | | | JON62 - INTG Access Med [REDACTED] | S | | | |
| | | | JON65 - INTG Access Med [REDACTED] | S | | | |
| | | | JONMH - INTG Access Med [REDACTED] -1 | S | | | |
| | | | JON66 - INTG Access Med [REDACTED] | S | | | |
| | | | JON6D - INTG Access Med [REDACTED] | S | | | |
| | | | JONML - INTG Access Med [REDACTED] | S | | | |
| | | | JON6M - INTG Access Med [REDACTED] | S | | | |
| | | | JON6P - INTG Access Med [REDACTED] | S | | | |
| | | | JONMJ - INTG Access Med [REDACTED] | S | | | |
| | | | JON6T - INTG Access Med [REDACTED] | S | | | |
| | | | JON6V - INTG Access Med [REDACTED] | S | | | |
| | | | JORVK - INTG Access Med [REDACTED] | S | | | |
| | | | JON6Z - INTG Access Med [REDACTED] | S | | | |
| | | | JONMN - INTG Access Med [REDACTED] 3 | S | | | |
| | | | JON75 - INTG Access Med [REDACTED] | S | | | |
| | | | JON77 - INTG Access Med [REDACTED] | S | | | |
| | | | JON78 - INTG Access Med [REDACTED] | S | | | |
| | | | JONMF - INTG Access Med [REDACTED] 2 | S | | | |
| | | | JORVL - INTG Access Med [REDACTED] | S | | | |
| | | | JOR5S - INTG ACCESS MED [REDACTED] | S | | | |
| | | | JOR60 - INTG ACCESS MED [REDACTED] | S | | | |
| | | | JOTWG - INTG RLY [REDACTED] -1, [REDACTED] -1 | S | | | |
| JON74 - INTG Access Med [REDACTED] | R | | | | | | |
| JON7B - INTG Access Med [REDACTED] | R | | | | | | |

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|-----------------------------------|------------|---|--|--|-------------|-----------|----------|--------|--------|---------|
| Secure & Reliable Transmission | Smart Grid | Intelligrid | JOMZQ - INTG Dist Lines I/S 2020-Mo | R | | | | | | |
| | | | JOL6B - [REDACTED] - INTG Relay Upgrades | R | | | | | | |
| | | | JON6R - INTG Access Med [REDACTED] | S | | | | | | |
| | | Intelligrid Total | | | | | | 44,012 | 47,260 | (3,248) |
| | | Monitoring Upgrades | | JOC85 - [REDACTED] PMU Add | ✓ | | | | | |
| | | | | JOR89 - [REDACTED] -9 - New Tower Lights | S | | | | | |
| | | | | JOR8B - [REDACTED] -S-7 - New Tower Lights | S | | | | | |
| | | | | JOR88 - [REDACTED] -4585 - New Tower Lights | S | | | | | |
| | | | | JOR8C - [REDACTED] - New Tower Lights | S | | | | | |
| | | | | JOR8D - [REDACTED] - New Tower Lights | R | | | | | |
| | | | | JOR8F - [REDACTED] -S-4 - New Tower Lights | R | | | | | |
| | | | | JOWON - [REDACTED] Battery Monitoring Sys | S | | | | | |
| | | Monitoring Upgrades Total | | | | | | 161 | 1,937 | (1,776) |
| | | Relay Upgrades | | JOJH4 - [REDACTED] Relay Upgrade | ✓ | | | | | |
| | | | | JOFS6 - [REDACTED] (138kV) - Relay UPGR | ✓ | | | | | |
| | | | | JOR30 - [REDACTED] Relay Upgrades | ✓ | | | | | |
| | | | | JOHPF - [REDACTED] Relay UPGR | ✓ | | | | | |
| | | | | JOJGQ - [REDACTED] Relay Upgr [REDACTED] -4 | ✓ | | | | | |
| | | | | JOFS9 - [REDACTED] (138kV) -Relay UPGR | ✓ | | | | | |
| | | | | JOG9B - [REDACTED] Relay Panel UPGR | ✓ | | | | | |
| | | | | JOQWM - [REDACTED] -138kV [REDACTED] -9 rly UPGR | ✓ | | | | | |
| | | | | JOGXF - [REDACTED] Swyd Upgr Controls | ✓ | | | | | |
| | | | | JOHRF - [REDACTED] 345kv -Rly UPGR | ✓ | | | | | |
| | | | | JOJ4Z - [REDACTED] Sub Relay UPGR | ✓ | | | | | |
| | | | | JOJ50 - [REDACTED] Relay UPGR | ✓ | | | | | |
| | | | | JOJ51 - [REDACTED] Sub Relay UPGR | ✓ | | | | | |
| | | | | JOJ52 - [REDACTED] Relay UPGR | ✓ | | | | | |
| | | JOJHH - [REDACTED] Bus 1 Relay Upgr | ✓ | | | | | | | |
| | | JOK04 - [REDACTED] Relay | ✓ | | | | | | | |
| | | JOR31 - [REDACTED] Relay Upgrades | ✓ | | | | | | | |
| | | JOR32 - [REDACTED] Relay Upgrades | ✓ | | | | | | | |
| | | JOLW6 - [REDACTED] 6H & 24H Relay UPGR | ✓ | | | | | | | |
| | | JOMPM - [REDACTED] Relay UPGR 2 [REDACTED] | ✓ | | | | | | | |
| | | JOMKX - [REDACTED] - 138KV relay UPGR | ✓ | | | | | | | |
| | | JOG9F - [REDACTED] Relay Panel UPGR | ✓ | | | | | | | |
| | | JOJHS - [REDACTED] Bus 1 2 Relay Upgrs | ✓ | | | | | | | |
| | | JOLFM - [REDACTED] Relay UPGR | S | | | | | | | |
| | | JOJGX - [REDACTED] Relay UPGR | S | | | | | | | |
| | | JOLFR - [REDACTED] - Relay UPGR | S | | | | | | | |
| | | JOJGZ - [REDACTED] Relay Upgrs [REDACTED] -3 -4 | S | | | | | | | |
| | | JOTDP - [REDACTED] Bus 1 Upgrades | S | | | | | | | |
| | | JOTDR - [REDACTED] Bus 3 Upgrades | S | | | | | | | |
| | | JOTDQ - [REDACTED] Bus 4 Upgrades | S | | | | | | | |
| | | JOJH9 - [REDACTED] Relay Upgrs | S | | | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance | | | | |
|---|------------------|----------------|---|----------------|-------------|-----------|----------|-------|--------|--------|---------|
| Secure & Reliable Transmission | Smart Grid | Relay Upgrades | JOLF - [REDACTED] - Relay Upgrade | S | | | | | | | |
| | | | JOJHD - [REDACTED] Relay Upgrs | S | | | | | | | |
| | | | JOJGV - [REDACTED] UPGR Relays-BT BRKR | S | | | | | | | |
| | | | JOL68 - [REDACTED] - Relay Upgrade | S | | | | | | | |
| | | | JOLF - [REDACTED] Sub Relay UPGR | S | | | | | | | |
| | | | JOQWW - [REDACTED] -Relay Upgrade | S | | | | | | | |
| | | | JOL67 - [REDACTED] - Relay Upgrades | S | | | | | | | |
| | | | JOL69 - [REDACTED] - Relay Upgrade | S | | | | | | | |
| | | | JOKGR - [REDACTED] 138kV Rly UPGR | S | | | | | | | |
| | | | JOJ85 - [REDACTED] UPGR Relay and SW | S | | | | | | | |
| | | | JOQT5 - [REDACTED] Relay UPGR | R | | | | | | | |
| | | | JONB2 - [REDACTED] Relay UPGR | R | | | | | | | |
| | | | JONB3 - [REDACTED] Relay UPGR | R | | | | | | | |
| | | | JONB4 - [REDACTED] Relay UPGR | R | | | | | | | |
| | | | JONB5 - [REDACTED] Relay UPGR | R | | | | | | | |
| | | | JONB6 - [REDACTED] Relay UPGR | R | | | | | | | |
| | | | JONB7 - [REDACTED] Relay UPGR | R | | | | | | | |
| | | | JONB8 - [REDACTED] Relay UPGR | R | | | | | | | |
| | | | JOS7X - [REDACTED] - PCR-002 Relay Work | R | | | | | | | |
| | | | JOS7L - [REDACTED] - New APP DFR UPGR | R | | | | | | | |
| | | | JOS7R - [REDACTED] - New APP DFR UPGR | R | | | | | | | |
| | | | JOS7Z - [REDACTED] Relay Work | R | | | | | | | |
| | | | JOJHP - [REDACTED] Relay Upgrs | R | | | | | | | |
| | | | JOR5P - [REDACTED] Relay Upgrades | ✓ | | | | | | | |
| | | | JOT8H - [REDACTED] 161 Relay UPGR | ✓ | | | | | | | |
| | | | JOGXC - [REDACTED] Relay and Station Upgrade | ✓ | | | | | | | |
| | | | JOT8F - [REDACTED] Relay UPGR 345kV | ✓ | | | | | | | |
| | | | JOLJV - [REDACTED] -138kV Relay UPGR | ✓ | | | | | | | |
| | | | JOTXR - [REDACTED] (161kV) Breaker Relay UPGR | S | | | | | | | |
| | | | JOLJW - [REDACTED] Relay UPGR | S | | | | | | | |
| | | | JOTLL - [REDACTED] - V7 V9 Relay UPGR | S | | | | | | | |
| | | | JOJHM - [REDACTED] Relay UPGR | S | | | | | | | |
| | | | Relay Upgrades Total | | | | | | 13,210 | 14,139 | (929) |
| | | | Smart Grid Total | | | | | | 57,383 | 63,336 | (5,953) |
| Secure & Reliable Transmission Total | | | | | | 132,099 | 130,710 | 1,389 | | | |
| Cyber & Technology Upgrades | Customer Support | Intelligrid | JOMPJ - INTG Acc High NWG [REDACTED] | ✓ | | | | | | | |
| | | | JOMC7 - INTG Access High NWG 1 - Dist | ✓ | | | | | | | |
| | | | JOMC4 - INTG Access High NWG 1 Trans UEC | ✓ | | | | | | | |
| | | | JOMCB - INTG Access High NWG 4 - Dist UEC | ✓ | | | | | | | |
| | | | JOMC6 - INTG Access High NWG 4 Trans UEC | ✓ | | | | | | | |
| | | | JOMC8 - INTG AH UEC DIST 21 NWG 2 | ✓ | | | | | | | |
| | | | JO7SB - INTG AH UEC NWG 3 | ✓ | | | | | | | |
| | | | JOMC5 - INTG AH UEC NWG 3 | ✓ | | | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance | | | |
|---|--|--|---|-----------------------------------|---|-----------|----------|--------|-------|-------|
| Cyber & Technology Upgrades | Customer Support | Intelligrid | JOMC9 - INTG AH UEC NWG 3 | ✓ | | | | | | |
| | | | JOSM3 - INTG AM UEC NG1 D | ✓ | | | | | | |
| | | | JOSL2 - INTG AM UEC NG1 GP | ✓ | | | | | | |
| | | | JORF6 - INTG - [REDACTED] Modem Infrastruct UEC | S | | | | | | |
| | | | JOSL7 - INTG AM UEC NG1 GP [REDACTED] | S | | | | | | |
| | | | JOSLS - INTG AM UEC NG1 T | S | | | | | | |
| | | | JOMPH - INTG Digital - MO | R | | | | | | |
| | | | JOMMW - INTG AH UEC NWG 4 | ✓ | | | | | | |
| | | | JOSLN - ADSS INTG AM UEC D NG 2 [REDACTED] | S | | | | | | |
| | | | JOSLJ - ADSS INTG AM UEC NG3 [REDACTED] | S | | | | | | |
| | | | JOSM5 - INTG AM UEC NG2 D | S | | | | | | |
| | | | JOSL3 - INTG AM UEC NG2 GP | S | | | | | | |
| | | | JOSL8 - INTG AM UEC NG2 GP [REDACTED] CTG | S | | | | | | |
| | | | JOSM2 - INTG AM UEC NG2 T | S | | | | | | |
| | | | JOSM7 - INTG AM UEC NG3 D | S | | | | | | |
| | | | JOSL4 - INTG AM UEC NG3 GP | S | | | | | | |
| | | | JOSL5 - INTG AM UEC NG4 GP | S | | | | | | |
| | | | JOSLB - INTG AM UEC NG4 GP [REDACTED] | S | | | | | | |
| | | | Intelligrid Total | | | | | 11,495 | 9,337 | 2,158 |
| | | | Work & Asset Mgmt System Upgrades | Work & Asset Mgmt System Upgrades | JOK6T - ADMS Annual Upgrades - UEC | ✓ | | | | |
| | | | | | JODJ1 - ASPIRE P2 S&T UEC | ✓ | | | | |
| | | | | | JODX2 - ASPIRE P3 E&G UEC | ✓ | | | | |
| | | | | | JORZZ - DFE CE - GIS Electric UEC | ✓ | | | | |
| | | | | | JOS03 - DFE CE - Sub, Relay, Trans AMO | ✓ | | | | |
| | | | | | JOS2C - Distributed Energy Res Sys Mgmt UEC | ✓ | | | | |
| | | | | | JO642 - GIS Electric UPGR - UEC | ✓ | | | | |
| | | | | | JOGP7 - GIS Graphic Work Design UEC | ✓ | | | | |
| | | | | | JOSRS - GIS ADMS Incremental Updates | S | | | | |
| JOK74 - DER Mapping UEC | R | | | | | | | | | |
| JOVB2 - ADMS Hardware - UEC | S | | | | | | | | | |
| JOHTJ - ADMS UPGR 2022-2023 - UEC | S | | | | | | | | | |
| Work & Asset Mgmt System Upgrades Total | | | | | 25,629 | 19,533 | 6,096 | | | |
| Customer Support Total | | | | | 37,124 | 28,870 | 8,254 | | | |
| Cyber Security | Cyber Security Upgrades/ New Technologies | JOK7L - Intrusion Detect OT Networks - UEC | ✓ | | | | | | | |
| | | JONBN - Network ID for OT Networks - CTG | ✓ | | | | | | | |
| | | JOQ61 - Centralized OT Cybersec - UEC 21 | S | | | | | | | |
| Cyber Security Upgrades/New Technologies Total | | | | | 1,304 | 1,714 | (410) | | | |
| Cyber Security Total | | | | | 1,304 | 1,714 | (410) | | | |
| Run The Business | Network & Server Upgrades | JOKB8 - Comm Tower UPGR - UEC | ✓ | | | | | | | |
| | | JOL99 - COMM TOWER UPGR UEC 2020 | ✓ | | | | | | | |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Project Detail | Project Status | 2021 Actual | 2021 Plan | Variance | |
|--|---------------------------------|--------------------------------|--|----------------|-------------|----------------|----------------|-----------------|
| Cyber & Technology Upgrades | Run The Business | Network & Server Upgrades | JORJD - DACs Reliability Remediation-UEC | ✓ | | | | |
| | | | JOS2H - Commun Tower UPGR - UEC 2021 | ✓ | | | | |
| | Network & Server Upgrades Total | | | | | 2,192 | 4,246 | (2,054) |
| Run The Business Total | | | | | 2,192 | 4,246 | (2,054) | |
| Cyber & Technology Upgrades Total | | | | | | 40,620 | 34,830 | 5,790 |
| Innovative Opportunities | Electrification Infrastructure | Electrification Infrastructure | J0NLF - Electric Equipment | ✓ | | | | |
| | | | JORDP - EV Chargers - [REDACTED] | ✓ | | | | |
| | | | J0NLF - EV Chargers - MO Workplace | ✓ | | | | |
| | | | J0N2P - EV Chargers - Workplace | ✓ | | | | |
| | | | J0NLF - EV Transportation - On Road | ✓ | | | | |
| | | | JORN6 - [REDACTED] - Charge Ahead EV | ✓ | | | | |
| | | | J0SM6 - Power Quality | ✓ | | | | |
| | | | J0NLC - Electric School Bus | R | | | | |
| | | | J0NLB - EV Chargers - Multifamily | R | | | | |
| | | | J0SM4 - Surge Protection | R | | | | |
| Electrification Infrastructure Total | | | | | 363 | 8,533 | (8,170) | |
| Electrification Infrastructure Total | | | | | 363 | 8,533 | (8,170) | |
| Grid Innovative Technologies | Grid Innovative Technologies | Grid Innovative Technologies | JORQS - Ameren Accelerator -EFD Transmission | ✓ | | | | |
| | | | JORQT - Ameren Accelerator -EFD Transmission | ✓ | | | | |
| | | | JOR0Z - UEC Boiler Hardware - [REDACTED] | ✓ | | | | |
| | | | JOQZ7 - UEC DER PHASE IV | ✓ | | | | |
| | | | JOQ19 - UEC Electric Lawn Equipment Phase 1 | ✓ | | | | |
| | | | JOKVF - Energy Analysis Tool | S | | | | |
| | | | JORJ4 - Test/Training [REDACTED] Turbine | S | | | | |
| | | | JOQ04 - UEC Data Centers Pilot (Hardware) | S | | | | |
| | | | JORQV - Ameren Accelerator - EFD Distribution | ✓ | | | | |
| | | | JOQHW - UEC Underground Imaging Downtown | ✓ | | | | |
| | | | JOQR0 - UEC Wireless Coms Project | ✓ | | | | |
| | | | JOQQW - Fleet Charging Infrastructure | S | | | | |
| | | | JORF0 - Radiation Dose Imaging - [REDACTED] | S | | | | |
| | | | JOQQS - UEC DERMS Pilot - [REDACTED] | S | | | | |
| | | | JOW7Z - UEC Hydrogen Project [REDACTED] | S | | | | |
| | | | J0TKH - UEC Preliminary - DC Coupled Converter | S | | | | |
| J0V0N - UEC Tertiary Control Deployment | S | | | | | | | |
| Grid Innovative Technologies Total | | | | | 3,102 | 2,343 | 759 | |
| Grid Innovative Technologies Total | | | | | 3,102 | 2,343 | 759 | |
| Innovative Opportunities Total | | | | | | 3,465 | 10,876 | (7,411) |
| Grid Modernization Projects Total | | | | | | 651,587 | 726,428 | (74,841) |

NOTE: Only 2021 projects are listed.

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Ongoing Operations

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Actual | 2021 Plan | Variance | |
|---|--|--|----------------|----------------|-----------------|-----------------|
| Smart, Reliable Grid Operations | Distribution Operations | Customer Requested | 8,055 | 6,798 | 1,257 | |
| | | Emergency Work | 18,428 | 17,178 | 1,250 | |
| | | Fleet | 20,520 | 19,420 | 1,100 | |
| | | General Plant | 2,725 | 2,070 | 655 | |
| | | Government Relocations | 7,981 | 4,544 | 3,437 | |
| | | Emergent Business | 53,586 | 38,684 | 14,902 | |
| | | Transformers & Tools | 32,626 | 23,251 | 9,375 | |
| | | Worst Performing Circuits | 564 | 1,754 | (1,190) | |
| | | Reliability & NESC | 15,863 | 19,641 | (3,778) | |
| | | Office Furniture & Fixtures | 438 | 638 | (200) | |
| | | Storms Rebuild | 35,965 | 4,894 | 31,071 | |
| | | Circuit Inspection Resulting Work | 40,936 | 43,148 | (2,212) | |
| | | UG Inspections Resulting Work | 1,610 | 2,986 | (1,376) | |
| | | Device Inspection Resulting Work | 486 | 673 | (187) | |
| | | Street Light Inspection Resulting Work | 38 | 96 | (58) | |
| | | Distribution Operations Total | | | 239,821 | 185,775 |
| | Grid Resiliency/Operating Flexibility | Line Capacity Increases | | 6,067 | 18,309 | (12,242) |
| | | Subtransmission Switch Upgrades | | 6,170 | 3,479 | 2,691 |
| | Grid Resiliency/Operating Flexibility Total | | | 12,237 | 21,788 | (9,551) |
| | Substations - Condition Based Modernization | Sub/Switchgear Upgrades | | 3,883 | 3,076 | 807 |
| | | Substation Spill Control | | 2,798 | 3,627 | (829) |
| | Substations - Condition Based Modernization Total | | | 6,681 | 6,703 | (22) |
| | System Hardening | Brittle Conductor Upgrades | | 2,146 | 614 | 1,532 |
| Inaccessible Circuit Relocations | | | 2,338 | 1,937 | 401 | |
| System Hardening Total | | | 4,484 | 2,551 | 1,933 | |
| Smart, Reliable Grid Operations Total | | | 263,223 | 216,817 | 46,406 | |
| Non-Nuclear Generation & Environmental | Modernization | Component/Material Upgrades | 4,836 | 3,823 | 1,013 | |
| | | Controls/Communication Upgrades | 3,649 | 7,386 | (3,737) | |
| | | Physical Security Upgrades | 160 | | 160 | |
| | Modernization Total | | | 8,645 | 11,209 | (2,564) |
| | Regulatory & Facilities | Facility Upgrades | | 13,695 | 16,407 | (2,712) |
| | | Regulatory Required | | 22,598 | 35,165 | (12,567) |
| | Regulatory & Facilities Total | | | 36,293 | 51,572 | (15,279) |
| | Reliability | Component Replacements | | 69,783 | 76,922 | (7,139) |
| Reliability Total | | | 69,783 | 76,922 | (7,139) | |
| Non-Nuclear Generation & Environmental Total | | | 114,721 | 139,703 | (24,982) | |
| Nuclear Generation | Modernization | Component/Material Upgrades | 35,352 | 34,344 | 1,008 | |
| | | Physical Security Upgrades | 147 | 656 | (509) | |
| | Modernization Total | | | 35,499 | 35,000 | 499 |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Ongoing Operations

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Actual | 2021 Plan | Variance |
|--|-------------------------------|---------------------------------|-------------|-----------|----------|
| Nuclear Generation | Regulatory & Facilities | Facility Upgrades | 10,369 | 10,023 | 346 |
| | | Regulatory Required | 5,943 | 4,381 | 1,562 |
| | Regulatory & Facilities Total | | 16,312 | 14,404 | 1,908 |
| | Reliability | Component Replacements | 24,742 | 26,694 | (1,952) |
| | Reliability Total | | 24,742 | 26,694 | (1,952) |
| Nuclear Generation Total | | | 76,553 | 76,098 | 455 |
| Hydro Generation | Modernization | Component/Material Upgrades | 12,319 | 17,527 | (5,208) |
| | | Controls/Communication Upgrades | 4,833 | 5,625 | (792) |
| | Modernization Total | | 17,152 | 23,152 | (6,000) |
| | Regulatory & Facilities | Facility Upgrades | 4,207 | 7,824 | (3,617) |
| | | Regulatory Required | 1,311 | 1,768 | (457) |
| | Regulatory & Facilities Total | | 5,518 | 9,592 | (4,074) |
| Reliability | Component Replacements | 7,584 | 8,904 | (1,320) | |
| Reliability Total | | 7,584 | 8,904 | (1,320) | |
| Hydro Generation Total | | | 30,254 | 41,648 | (11,394) |
| Renewable & Gas Turbine Generation | Grid Performance | Renewables | 25,355 | 31,758 | (6,403) |
| | Grid Performance Total | | 25,355 | 31,758 | (6,403) |
| | Modernization | Component/Material Upgrades | 3,482 | 4,331 | (849) |
| | | Controls/Communication Upgrades | 3,228 | 4,092 | (864) |
| | | Physical Security Upgrades | 47 | | 47 |
| | Modernization Total | | 6,757 | 8,423 | (1,666) |
| | Regulatory & Facilities | Facility Upgrades | 2,301 | 842 | 1,459 |
| | | Regulatory Required | 7 | | 7 |
| | Regulatory & Facilities Total | | 2,308 | 842 | 1,466 |
| Reliability | Component Replacements | 5,783 | 8,086 | (2,303) | |
| Reliability Total | | 5,783 | 8,086 | (2,303) | |
| Renewable & Gas Turbine Generation Total | | | 40,203 | 49,109 | (8,906) |
| Secure & Reliable Transmission | Grid Performance | Line Reliability Improvements | 93,314 | 96,045 | (2,731) |
| | Grid Performance Total | | 93,314 | 96,045 | (2,731) |
| | Modernization | Physical Security Upgrades | 4,845 | 3,373 | 1,472 |
| | | Modernization Total | | 4,845 | 3,373 |
| | Reliability | Condition Based Replacements | 22,197 | 13,752 | 8,445 |
| | | Storms Rebuild | 798 | | 798 |
| | Reliability Total | | 22,995 | 13,752 | 9,243 |
| | Vehicles, Tools & Other | Vehicles, Tools & Other | 3,866 | 5,583 | (1,717) |
| Vehicles, Tools & Other Total | | 3,866 | 5,583 | (1,717) | |
| Secure & Reliable Transmission Total | | | 125,020 | 118,753 | 6,267 |

Ameren Missouri 2021 Customer-Focused Capital Investment Summary - Ongoing Operations

\$ - Thousands

| Category 1 | Category 2 | Category 3 | 2021 Actual | 2021 Plan | Variance | |
|---|--------------------------------|--|--|------------------|-----------------|---------|
| Cyber & Technology Upgrades | Business & Corp Services | Department System Upgrades | 4,487 | 4,139 | 348 | |
| | | Enterprise System Upgrades | 24,311 | 17,863 | 6,448 | |
| | Business & Corp Services Total | | 28,798 | 22,002 | 6,796 | |
| | Customer Support | Customer System Enhancements | Intelligrid | 20,617 | 23,574 | (2,957) |
| | | | Work & Asset Mgmt System Upgrades | 1,447 | 265 | 1,182 |
| | | | | 3,674 | 11,902 | (8,228) |
| | Customer Support Total | | 25,738 | 35,741 | (10,003) | |
| | Cyber Security | Cyber Security Upgrades/ New Technologies | 4,394 | 5,738 | (1,344) | |
| | Cyber Security Total | | 4,394 | 5,738 | (1,344) | |
| | Foundational Enablers | Analytics & Process Automation | New Data Centers & Facility Technologies | 13,844 | 10,255 | 3,589 |
| | | | New User Technologies | 330 | 147 | 183 |
| | | | | 2,384 | 2,530 | (146) |
| | Foundational Enablers Total | | 16,558 | 12,932 | 3,626 | |
| | Run The Business | Network & Server Upgrades | User Technology Upgrades | 23,661 | 15,712 | 7,949 |
| | | | 2,446 | 2,133 | 313 | |
| Run The Business Total | | 26,107 | 17,845 | 8,262 | | |
| Cyber & Technology Upgrades Total | | | 101,595 | 94,258 | 7,337 | |
| Operational & Customer Support Facilities | Facilities | Facilities | 94,223 | 91,617 | 2,606 | |
| | Facilities Total | | 94,223 | 91,617 | 2,606 | |
| Operational & Customer Support Facilities Total | | | 94,223 | 91,617 | 2,606 | |
| Innovative Opportunities | Other | Other | 1,711 | 1,946 | (235) | |
| | Other Total | | 1,711 | 1,946 | (235) | |
| Innovative Opportunities Total | | | 1,711 | 1,946 | (235) | |
| Ongoing Operations Total | | | 847,503 | 829,949 | 17,554 | |
| Grand Total - Grid Modernization Projects + Ongoing Operations | | | 1,499,090 | 1,556,377 | (57,287) | |