

Summary of ISO Capital Expenditure Forecast - Non-Incentive Projects  
(\$000)

| PIN   | Project Title   | C-WBS       | Order #   | High/ Low | OD     | Project Total (ISO & non-ISO) |        |        |        | ISO Portion |        |        |        |
|---|---|-------------|-----------|-----------|--------|-------------------------------|--------|--------|--------|-------------|--------|--------|--------|
|   |   |             |           | Prior     |        | 2020                          | 2021   | Total  | Prior  | 2020        | 2021   | Total  |        |
| Non-Incentive Transmission Projects includes Direct Installation and Removal Expenditures, but excludes any C-WBS or Order # with 0% ISO. |   |             |           |           |        |                               |        |        |        |             |        |        |        |
| Other Transmission  |   |             |           |           |        |                               |        |        |        |             |        |        |        |
| 07756   | Whirlwind Sub (POS): Equip one 220 kV position to terminate the Rattlesnake-Whirlwind 220kV Line CET-ET-TP-RN-775602                              |             | 901458993 | High      | Nov-18 | -                             | 70     | -      | 70     | -           | 70     | -      | 70     |
| 07775   | Whirlwind Substation (NU): Equip one 220 kV position to terminate the Desert Flower-Whirlwind 220kV Line CET-ET-TP-RN-777500                      |             | 901515853 | High      | Jul-18 | 100                           | 15     | -      | 115    | 100         | 15     | -      | 115    |
| Total Other Transmission  |   |             |           |           |        | 100                           | 85     | -      | 185    | 100         | 85     | -      | 185    |
| 08090   | Eldorado-Sloan Canyon T/L: Install one transmission structure with two spans from the SCE dead end to the Connecting Last Add CET-ET-AF-CF-809000 |             | 902249126 | High      | May-19 | 1,403                         | 3      | -      | 1,406  | 1,403       | 3      | -      | 1,406  |
| 08090   | Eldorado Substation (NU): install the following equipment on a dedicated 220kV double breaker line CET-ET-LG-AF-809000                            |             | 902249125 | High      | Dec-19 | 4,754                         | 130    | -      | 4,884  | 4,754       | 130    | -      | 4,884  |
| Eldorado – Sloan Canyon 220 kV Interconnection  |   |             |           |           |        | 6,157                         | 133    | -      | 6,290  | 6,157       | 133    | -      | 6,290  |
| 08088   | Eldorado Substation (NU): Install facilities for a new 500 kV switchrack position to terminate the Eldorado Substation CET-ET-LG-AF-808800        |             | 902245555 | High      | Jun-20 | 6,918                         | 9,952  | -      | 16,870 | 6,918       | 9,952  | -      | 16,870 |
| 08088   | Harry Allen - Eldorado T/L: Install one span from the SCE dead end rack to the Connecting Last Add CET-ET-AF-CF-808800                            |             | 902245556 | High      | Dec-21 | 263                           | 265    | 81     | 609    | 263         | 265    | 81     | 609    |
| Harry Allen - Eldorado 500kV Transmission Line Project  |   |             |           |           |        | 7,180                         | 10,217 | 81     | 17,478 | 7,180       | 10,217 | 81     | 17,478 |
| Total Added Facilities  |   |             |           |           |        | 13,337                        | 10,350 | 81     | 23,768 | 13,337      | 10,350 | 81     | 23,768 |
| TSP Projects  |   |             |           |           |        |                               |        |        |        |             |        |        |        |
| 05383   | Chino 220/66kV - Add a 4th 280MVA, 220/66kV Transformer Bank and Split the Chino 66kV System CET-ET-LG-TS-538303                                  |             | 901191112 | High      | Dec-20 | 5,602                         | 563    | -      | 6,165  | 1,961       | 197    | -      | 2,158  |
| 06824   | La Fresa Sub (Phase 2): Install new MEER and cut over existing protection and upgrade CTs on existing 220kV Line CET-ET-LG-TS-682400              |             | 900522611 | High      | Dec-19 | -                             | 1,699  | -      | 1,699  | -           | 629    | -      | 629    |
| 07113   | El Nido: Install 230 kV (63 kA) double breakers on No. 1 A bank at position 3 and No. 3A bank at position 4 CET-ET-LG-TS-711300                   |             | 901241164 | High      | Jun-18 | -                             | 0      | -      | 0      | -           | 0      | -      | 0      |
| 07834   | Bailey Sub: Install a 28.8 MVAR Capacitor CET-ET-LG-TS-783400   |             | 901618623 | Low       | Jun-18 | -                             | -      | -      | -      | -           | -      | -      | -      |
| 06263   | Vestal: Equip 220 kV A-Bank Positions (Positions 3 & 4) with CBs - PIN 6263 CET-ET-LG-TS-626302   |             | 900312889 | High      | Aug-17 | -                             | (17)   | -      | (17)   | -           | (16)   | -      | (16)   |
| 07767   | Johanna Substation: Equip New 220kV position with one 220kV Circuit Breaker and two 220kV Discs CET-ET-LG-TS-776700                               |             | 901487156 | High      | Jul-20 | 17,261                        | 2,537  | -      | 19,798 | 863         | 127    | -      | 990    |
| Total TSP Projects  |   |             |           |           |        | 22,862                        | 4,782  | -      | 27,644 | 2,824       | 937    | -      | 3,760  |
| Transmission Project Reliability  |   |             |           |           |        |                               |        |        |        |             |        |        |        |
| 07518   | Springville Sub: Redesign high side feed from bank on bus to double CB at 220kV position 4 equipment CET-ET-TP-RL-751800                          |             | 901007168 | High      | May-19 | -                             | 6      | -      | 6      | -           | 5      | -      | 5      |
| 07119   | Walnut: Convert the Mesa 220 kV Line Position and 3A & 4A Bank High Side Positions to Double Breaker CET-ET-TP-RL-711900                          |             | 900772538 | High      | Dec-19 | -                             | 116    | -      | 116    | -           | 48     | -      | 48     |
| 07790   | Eagle Mountain Substation: Install a 45 MVAR tertiary reactor (effective 34 MVAR @ 12 kV) CET-ET-TP-RL-779000                                     |             | 901552346 | High      | Nov-18 | -                             | 2      | -      | 2      | -           | 2      | -      | 2      |
| 07547   | Eldorado: Engineer, remove and install equipment for changing the 500kV line position for the Eldorado-Mohave 500kV Line CET-ET-TP-RL-754700      |             | 901107340 | High      | Jan-18 | -                             | 10     | -      | 10     | -           | 10     | -      | 10     |
| 07547   | Eldorado-Mohave 500kV: Remove two existing transmission structures. Install three new transmission structures CET-ET-TP-RL-754701                 |             | 901107560 | High      | Jan-18 | 7,217                         | -      | 230    | 7,447  | 7,217       | -      | 230    | 7,447  |
| 07547   | Eldorado-Moenkopi 500 kV: Remove one existing transmission structure. Install one new transmission structure CET-ET-TP-RL-754702                  |             | 901107562 | High      | Jan-18 | 4,266                         | -      | -      | 4,266  | 4,266       | -      | -      | 4,266  |
| Total Eldorado-Mohave and Eldorado-Moenkopi 500kV Line Position Swap  |   |             |           |           |        | 11,484                        | 10     | 230    | 11,724 | 11,484      | 10     | 230    | 11,724 |
| 07727   | Inyokern Substation: Expand existing MEER at Inyokern Substation. CET-ET-TP-RL-772700   |             | 901394462 | Low       | Dec-20 | 35                            | 1,493  | -      | 1,528  | 13          | 553    | -      | 565    |
| 07727   | Control Substation: Install 12 N60 relays, one satellite clock, and two ethernet switches CET-ET-TP-RL-772701                                     |             | 901394533 | Low       | Oct-20 | 271                           | 1,207  | -      | 1,477  | 233         | 1,038  | -      | 1,270  |
| Total Digital 395 Project: North-of-Kramer Area Telecom Network and RAS Upgrades  |   |             |           |           |        | 305                           | 2,700  | -      | 3,005  | 246         | 1,590  | -      | 1,836  |
| 07763   | Lugo 500/220 kV: Install two N60 relays Install one ethernet switch Install one satellite switch PSC- FCET-ET-TP-RN-776301                        |             | 901484303 | High      | Sep-16 | -                             | -      | -      | -      | -           | -      | -      | -      |
| 07763   | Eldorado-Lugo 500 kV line: CA side - Install 85 miles of new OPGW between CA/NV border and Pisgah Substation CET-ET-TP-RN-776304                  |             | 901665563 | High      | Apr-21 | 4,597                         | 6,453  | -      | 11,050 | 4,597       | 6,453  | -      | 11,050 |
| 07763   | Eldorado-Lugo 500 kV line: NV Side -Install 2 miles of new OPGW between CA/NV border and MI52 Substation CET-ET-TP-RN-776305                      |             | 901665564 | High      | Apr-21 | 468                           | 41     | -      | 509    | 468         | 41     | -      | 509    |
| 07763   | Pisgah Sub: Install new telecommunication room. CET-ET-TP-RL-776300   |             | 901671834 | High      | Jan-18 | -                             | -      | -      | -      | -           | -      | -      | -      |
| 07763   | Mohave: Install two Relays and two Switches CET-ET-TP-RN-776302   |             | 901484315 | High      | Nov-20 | 138                           | 121    | -      | 259    | 138         | 121    | -      | 259    |
| 07763   | Lugo Sub: Install new control cables CET-ET-TP-RN-776307  |             | 902249120 | High      | Oct-20 | 52                            | 55     | -      | 107    | 52          | 55     | -      | 107    |
| 07763   | Eldorado: Install equipment to support N-2 CET-ET-TP-RN-776308  |             | 902249121 | High      | May-21 | 18                            | 1      | -      | 19     | 18          | 1      | -      | 19     |
| Total Lugo-Victorville 500 kV SPS   |   |             |           |           |        | 5,274                         | 6,671  | -      | 11,945 | 5,274       | 6,671  | -      | 11,945 |
| 07120   | Chino Sub: equip the No.1A 220kV A-Bank positions with circuit breakers CET-ET-TP-RL-712000   |             | 900713964 | High      | Aug-19 | -                             | 3,547  | 824    | 4,371  | -           | 2,305  | 536    | 2,841  |
| 07884   | Tap the remaining Lighthiye 220kV line to Harborgen substation CET-ET-TP-RL-788402  |             | 901822249 | High      | Dec-20 | 531                           | 26     | 10     | 567    | 531         | 26     | 10     | 567    |
| 07884   | Harbogen-Long Beach 220kV:Rmv 1 mile of line (REMOVAL ONLY) CET-ET-TP-RL-788400   |             | 901822245 | High      | Dec-20 | -                             | 793    | 97     | 891    | -           | 793    | 97     | 891    |
| 07884   | Lighthiye-Long Beach 220kV:Rmv 1 mile of line (REMOVAL ONLY) CET-ET-TP-RL-788401  |             | 901822246 | High      | Dec-20 | -                             | 2,255  | 724    | 2,979  | -           | 2,255  | 724    | 2,979  |
| 07884   | Long Beach Sub: Remove 220kV switchyard CET-ET-TP-RL-788403   |             | 901822250 | High      | Mar-21 | 47                            | 111    | 65     | 223    | 47          | 111    | 65     | 223    |
| 07884   | CCR Project Phase 2 (Removal) CET-ET-TP-RL-788498   | 7884-Phase2 |           | High      | Dec-21 | -                             | -      | 37,598 | 37,598 | -           | -      | 21,807 | 21,807 |
| Total Cerritos Channel Relocation Project   |   |             |           |           |        | 578                           | 3,185  | 38,495 | 42,258 | 578         | 3,185  | 22,704 | 26,467 |
| 08019   | CONTROL-SILVER PEAK "A" 55kV Install 11 sets of Remote Fault Indicators (RFIs) CET-ET-TP-RL-801900  |             | TD1269146 | Low       | Jun-20 | 280                           | 125    | -      | 405    | 280         | 125    | -      | 405    |
| 08019   | CONTROL-SILVER PEAK "C" 55kV Install 11 sets of Remote Fault Indicators (RFIs) CET-ET-TP-RL-801902  |             | TD1269499 | Low       | Jul-20 | 165                           | 112    | -      | 277    | 165         | 112    | -      | 277    |
| Total Control-Silver Peak "A" Transmission Project  |   |             |           |           |        | 445                           | 237    | -      | 682    | 445         | 237    | -      | 682    |
| 06791   | Lugo 500 kV Substation breaker installation for No. 1AA & No. 2AA banks CET-ET-TP-RL-679100   |             | 800308934 | High      | Dec-21 | 5,354                         | 100    | 1,737  | 7,191  | 5,354       | 100    | 1,737  | 7,191  |
| 07115   | Johanna: Install double breakers on 3A+4A CET-ET-TP-RL-711500   |             | 902067053 | High      | Dec-20 | 2,212                         | 300    | -      | 2,512  | 1,814       | 246    | -      | 2,060  |
| 07241   | Eldorado: Install (2) 500 kV CBs, (3) 500 kV gang operated disconnects and other associated equipment CET-ET-TP-RL-724100                         |             | 900713966 | High      | Jul-16 | -                             | 2      | -      | 2      | -           | 2      | -      | 2      |
| 07248   | New 500/230 kV AA-Bank at Eldorado Connected to the New 220 kV SCE Owned Switchyard CET-ET-TP-RN-724800   |             | 900692364 | High      | Aug-18 | -                             | -      | -      | -      | -           | -      | -      | -      |

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(\$000)

| PIN   | Project Title   | C-WBS               | Order #   | High/ Low<br>Voltage | OD     | Project Total (ISO & non-ISO) |        |        |        | ISO Portion |        |        |        |
|-------|---|---------------------|-----------|----------------------|--------|-------------------------------|--------|--------|--------|-------------|--------|--------|--------|
|       |   |                     |           |                      |        | Prior                         | 2020   | 2021   | Total  | Prior       | 2020   | 2021   | Total  |
| 07511 | Antelope-Pardee 500kV: Install Marker Balls and Lighting per FAA requirements                             | CET-PD-OT-LM-751101 | 900719387 | High                 | Jul-19 | 3,250                         | 4      | -      | 3,254  | 3,250       | 4      | -      | 3,254  |
| 06420 | Devers Sub: <b>Remove</b> 220 kV CBs and DSs  | CET-ET-TP-RN-642007 | 901455361 | High                 | Oct-21 | -                             | 20     | -      | 20     | -           | 20     | -      | 20     |
| 06420 | Vista Sub: <b>Remove</b> 220 kV DSs   | CET-ET-TP-RN-642011 | 901455365 | High                 | Feb-20 | -                             | 30     | -      | 30     | -           | 30     | -      | 30     |
| 06420 | West of Devers 220 kV Trans Line <b>Removals</b>  | CET-ET-TP-RN-642018 | 901460766 | High                 | Dec-20 | -                             | 5,000  | 4,513  | 9,513  | -           | 5,000  | 4,513  | 9,513  |
| 06420 | <b>Total West of Devers Upgrade Project</b>   |                     |           |                      |        | -                             | 5,050  | 4,513  | 9,563  | -           | 5,050  | 4,513  | 9,563  |
| 07227 | Inyo Substation: Replace Inyo phase shifter and new hybrid circuit breaker.Inst                           | CET-ET-CR-WC-722702 | 902379073 | Low                  | Mar-21 | 227                           | 3,283  | 4,943  | 8,453  | 227         | 3,283  | 4,943  | 8,453  |
| 07227 | Control: Install two N60 relays   | CET-ET-TP-RN-722700 | 902448105 | Low                  | Mar-21 | 5                             | 250    | 115    | 370    | 5           | 250    | 115    | 370    |
| 07227 | <b>Total Casa Diablo IV Project Interconnection</b>   |                     |           |                      |        | 231                           | 3,533  | 5,058  | 8,822  | 231         | 3,533  | 5,058  | 8,822  |
| 07729 | Red Bluff Sub (NU): Terminate the Black Ranch - Red Bluff 220kV T/L at Red Bluff Sub: Install the fo      | CET-ET-TP-RN-772900 | 901395606 | High                 | Jul-20 | 1,121                         | 1,517  | -      | 2,638  | 1,121       | 1,517  | -      | 2,638  |
| 08107 | Kramer Substation (RNU): a. Engineer and construct one 220 kV line position, which includes the fol       | CET-ET-CR-WC-810701 | 902342409 | High                 | Nov-21 | 17                            | 170    | 2,157  | 2,344  | 17          | 170    | 2,157  | 2,344  |
| 08091 | Big Creek 4: Install two new N60 relays   | CET-ET-TP-RL-809100 | 902260821 | High                 | Dec-20 | 106                           | 295    | -      | 400    | 106         | 295    | -      | 400    |
| 07546 | EPC Vendor Compensation for delay in License/Permit Process   | CET-ET-TP-RL-754600 | 7546-1    | High                 | Dec-21 | -                             | -      | 703    | 703    | -           | -      | 703    | 703    |
| 07546 | Change Orders for AC Paving, ABB Bypass Switches, H Frame, testing and other studies                      | CET-ET-TP-RL-754600 | 7546-2    | High                 | Dec-21 | -                             | -      | 3,593  | 3,593  | -           | -      | 3,593  | 3,593  |
| 07546 | ( <b>Removal</b> /Expense) Eldorado Sub: Upgrade Terminal Equipment and Series Capacitors on Eldoradc     | CET-ET-TP-RL-754600 | 902287734 | High                 | Dec-21 | -                             | 667    | -      | 667    | -           | 667    | -      | 667    |
| 07546 | ( <b>Removal</b> /Expense) Lugo Sub: Upgrade Terminal Equipment and Series Capacitors on Eldorado-Lu      | CET-ET-TP-RL-754601 | 902287735 | High                 | Dec-21 | -                             | 664    | 534    | 1,198  | -           | 664    | 534    | 1,198  |
| 07546 | ( <b>Removal</b> /Expense) Mohave Sub: Install Series Capes   | CET-ET-TP-RL-754604 | 902287736 | High                 | Dec-21 | -                             | 290    | -      | 290    | -           | 290    | -      | 290    |
| 07546 | ( <b>Removal</b> /Expense) E-M: Install OPGW, Splice Fiber, and clear Infractions on the Eldorado-Mohave  | CET-ET-TP-RL-754607 | 902287737 | High                 | Apr-21 | -                             | 896    | -      | 896    | -           | 896    | -      | 896    |
| 07546 | ( <b>Removal</b> /Expense) L-M (CA): Install OPGW, Splice Fiber, and clear Infractions on the Lugo-Mohave | CET-ET-TP-RL-754608 | 902287738 | High                 | Apr-21 | -                             | 2,823  | -      | 2,823  | -           | 2,823  | -      | 2,823  |
| 07546 | ( <b>Removal</b> /Expense) L-M (NV): Install OPGW, Splice Fiber, and clear Infractions on the Lugo-Mohave | CET-ET-TP-RL-754609 | 902288039 | High                 | Apr-21 | -                             | 176    | -      | 176    | -           | 176    | -      | 176    |
| 07546 | ( <b>Removal</b> /Expense) Eldorado-Lugo: Correct GO-95 Infractions on the Eldorado-Lugo 500 kV T/L       | CET-ET-TP-RL-754610 | 902288040 | High                 | Apr-21 | -                             | 124    | -      | 124    | -           | 124    | -      | 124    |
| 07546 | <b>Total Eldorado-Lugo-Mohave (ELM) Series Cap Upgrades Project</b>                                       |                     |           |                      |        | -                             | 5,640  | 4,830  | 10,470 | -           | 5,640  | 4,830  | 10,470 |
| 07555 | Mesa: <b>Remove</b> 230/66/16kV switchracks & equipment   | CET-ET-TP-RL-755505 | 901192482 | High                 | Aug-20 | -                             | 11,258 | -      | 11,258 | -           | 3,603  | -      | 3,603  |
| 07555 | Mira Loma-Vincent 500kV: <b>Remove</b> three structures and 4200 ckt ft of conductor                      | CET-ET-TP-RL-755507 | 901192484 | High                 | Dec-20 | -                             | 892    | -      | 892    | -           | 892    | -      | 892    |
| 07555 | Eagle Rock-Mesa 220kV: <b>Remove</b> 2100 ckt ft of conductor   | CET-ET-TP-RL-755537 | 902124237 | High                 | Dec-20 | -                             | (2)    | -      | (2)    | -           | (2)    | -      | (2)    |
| 07555 | Lighthipe-Mesa: <b>Remove</b> 8 structures and conductor  | CET-ET-TP-RL-755546 | 902124391 | High                 | Dec-19 | -                             | (3)    | -      | (3)    | -           | (3)    | -      | (3)    |
| 07555 | Mesa-Rio Hondo 220kV: <b>Remove</b> 4 structures and 2700 ckt ft of conductor.                            | CET-ET-TP-RL-755547 | 902124392 | High                 | Dec-20 | -                             | 226    | -      | 226    | -           | 226    | -      | 226    |
| 07555 | Mesa-Rio Hondo 220kV: <b>Remove</b> 4 structures and 2700 ckt ft of conductor.                            | CET-ET-TP-RL-755548 | 902124393 | High                 | Dec-20 | -                             | 353    | -      | 353    | -           | 353    | -      | 353    |
| 07555 | Mesa-Vincent #1 220kV: <b>Remove</b> 3 structures, 2 shoofly ESPs, 800 ckt ft of shoofly conductor, and 2 | CET-ET-TP-RL-755552 | 902124397 | High                 | Dec-19 | -                             | 14     | -      | 14     | -           | 14     | -      | 14     |
| 07555 | Mesa-Vincent #2 220kV: <b>Remove</b> 3 structures and 2000 ckt ft of conductor                            | CET-ET-TP-RL-755554 | 902124579 | High                 | Dec-20 | -                             | (10)   | -      | (10)   | -           | (10)   | -      | (10)   |
| 07555 | Redondo-Vincent 220kV: <b>Remove</b> 1500 ckt ft of shoofly conductor. Shoofly will stay in place >12 mo  | CET-ET-TP-RL-755558 | 902124583 | High                 | Dec-20 | -                             | 81     | -      | 81     | -           | 81     | -      | 81     |
| 07555 | Center-Mesa 220kV: <b>Remove</b> 4 structures and 2800 ckt ft of conductor                                | CET-ET-TP-RL-755535 | 902132962 | High                 | Dec-20 | -                             | 381    | -      | 381    | -           | 381    | -      | 381    |
| 07555 | Goodrich-Laguna Bell 220kV: <b>Remove</b> 2 structures, remove 1500 ckt ft of shoofly conductor, and rer  | CET-ET-TP-RL-755538 | 902132963 | High                 | Dec-20 | -                             | 140    | -      | 140    | -           | 140    | -      | 140    |
| 07555 | Laguna Bell-Rio Hondo 220kV: <b>Remove</b> 2 structures, remove 1 shoofly ESP and 500 ckt ft of shoofly   | CET-ET-TP-RL-755543 | 902132966 | High                 | Dec-20 | -                             | (3)    | -      | (3)    | -           | (3)    | -      | (3)    |
| 07555 | Mesa-Walnut 220kV: <b>Remove</b> 2800 ckt ft of conductor   | CET-ET-TP-RL-755556 | 902124581 | High                 | Dec-20 | -                             | 149    | -      | 149    | -           | 149    | -      | 149    |
| 07555 | <b>Total Mesa Substation Project</b>  |                     |           |                      |        | -                             | 13,477 | -      | 13,477 | -           | 5,821  | -      | 5,821  |
| 07866 | Magunden Substation: Upgrade six 1200amp disconnects to match rating of the upgraded line. (4hr           | CET-ET-TP-RN-786601 | 902175272 | High                 | Dec-19 | -                             | 219    | -      | 219    | -           | 219    | -      | 219    |
| 07866 | Vestal Substation: Upgrade six 1200amp disconnects to match rating of the upgraded line. (4hr emer        | CET-ET-TP-RN-786602 | 902175273 | High                 | Feb-20 | 1,896                         | 401    | -      | 2,297  | 1,896       | 401    | -      | 2,297  |
| 07866 | <b>Total Big Creek Corridor Rating Increase Project</b>   |                     |           |                      |        | 1,896                         | 621    | -      | 2,517  | 1,896       | 621    | -      | 2,517  |
| 08029 | Lugo Substation: Replace three 500kV CBs (CB#762, 862, 962), six 500kV disconnects (#761, 763,            | CET-ET-TP-RL-802900 | 902148910 | High                 | Sep-21 | 31                            | 2,995  | 6,050  | 9,076  | 31          | 2,995  | 6,050  | 9,076  |
| 08029 | Lugo-Victorville 500kV Transmission Line (SCE-owned):Fix the appropriate number of spans to achie         | CET-ET-TP-RL-802901 | 902148911 | High                 | May-19 | -                             | 125    | -      | 125    | -           | 125    | -      | 125    |
| 08029 | <b>Total Lugo - Victorville 500kV Transmission Line Thermal Overloads Project</b>                         |                     |           |                      |        | 31                            | 3,120  | 6,050  | 9,201  | 31          | 3,120  | 6,050  | 9,201  |
| 08077 | Pisgah 220 kV (Option 2):A. 220 kV Switchrack -8 BCT UpgradesB. Relays -8 Racks -4 L90 -4 C60             | CET-ET-TP-RL-807701 | 902739837 | High                 | Jun-21 | 9                             | 315    | 179    | 503    | 9           | 315    | 179    | 503    |
| 08077 | Lugo 220 kV Relay Upgrade   | CET-ET-TP-RL-807701 | 902739830 | High                 | Mar-21 | 15                            | 350    | 76     | 440    | 15          | 350    | 76     | 440    |
| 08077 | Eldorado 220 kV (Option 2):Cima-Pisgah #1 220kV (Pos 9N) and Cima-Pisgah #2 220kV (Pos 10N)A              | CET-ET-TP-RL-807702 | 902739829 | High                 | Jul-21 | 15                            | 169    | 39     | 223    | 15          | 169    | 39     | 223    |
| 08077 | Inyokern 115 kV:Relays:- 2-Rack- 1-L90- 1-SEL311C- 4-C60  | CET-ET-TP-RL-807701 | 902739835 | Low                  | Oct-20 | 1                             | 260    | -      | 261    | 1           | 260    | -      | 261    |
| 08077 | Big Creek 3 220 kV:A. 220 kV Switchrack -17 BCT UpgradesB. Relays -4 Racks -4 SEL587Z                     | CET-ET-TP-RL-807701 | 902459930 | High                 | Dec-20 | 629                           | 3,340  | -      | 3,969  | 629         | 3,340  | -      | 3,969  |
| 08077 | Magunden220 kV:A. 220 kV Switchrack -15 BCT Upgrades -Conduit + pull-boxesB. Relays -4 Racks              | CET-ET-TP-RL-807701 | 902459931 | High                 | Dec-20 | 666                           | 885    | 1,258  | 2,809  | 666         | 885    | 1,258  | 2,809  |
| 08077 | Pastoria 220 kV:A. 220 kV Switchrack -6 BCT Upgrades -Conduit + pull-boxes -Remove conduit + pu           | CET-ET-TP-RL-807701 | 902459932 | High                 | Jul-20 | 307                           | 566    | 630    | 1,503  | 307         | 566    | 630    | 1,503  |
| 08077 | <b>Total Annual Transmission Reliability Assessment 2016 - Protection Upgrades (San Joaquin Region)</b>   |                     |           |                      |        | 1,640                         | 5,885  | 2,182  | 9,707  | 1,640       | 5,885  | 2,182  | 9,707  |
| 08078 | Antelope (RNU): Install two N60 relays  | CET-ET-CR-WC-807802 | 902220556 | High                 | Mar-21 | 19                            | 24     | 24     | 67     | 19          | 24     | 24     | 67     |
| 08078 | Antelope Sub (RNU) - Power System Control. i. Expand existing RTU at SCE Antelope Substation ar           | CET-ET-CR-WC-807803 | 902220557 | High                 | Jun-20 | 11                            | 24     | 39     | 74     | 11          | 24     | 39     | 74     |
| 08078 | <b>Total Antelope 2 Solar Interconnection to Antelope Substation</b>                                      |                     |           |                      |        | 30                            | 47     | 63     | 140    | 30          | 47     | 63     | 140    |
| 08081 | Colorado River Sub (RNU): 1. Install one 220kV line position which includes the following equipment       | CET-ET-TP-RN-808100 | 902286854 | High                 | Dec-20 | 596                           | 909    | 847    | 2,352  | 596         | 909    | 847    | 2,352  |
| 08081 | Colorado River Sub (RNU) - Install two GE N60 logic processing relays or equivalent successor to se       | CET-ET-TP-RN-808101 | 902286855 | High                 | Dec-20 | 32                            | 122    | 47     | 202    | 32          | 122    | 47     | 202    |
| 08081 | Colorado River (RNU) - ground grid study for interconnection  | CET-ET-TP-RN-808102 | 902286856 | High                 | Jun-20 | 2                             | 34     | -      | 37     | 2           | 34     | -      | 37     |
| 08081 | <b>Total Arlington Solar Project Interconnection to Colorado River Substation</b>                         |                     |           |                      |        | 630                           | 1,066  | 894    | 2,590  | 630         | 1,066  | 894    | 2,590  |
| 08104 | Moorpark 220 kV Switchrack: Relocate the Ormond Beach No. 3 & 4 lines into positions 10N & 11N.           | CET-ET-TP-RL-810400 | 902315805 | High                 | Feb-21 | 4,911                         | 2,131  | 1,076  | 8,118  | 1,129       | 490    | 248    | 1,867  |
| 08104 | Pardee 230 kV: Equip vacant Position 16E with two CBs rated at 4000A/63kA and four disconnects            | CET-ET-TP-RL-810401 | 902315808 | High                 | Nov-20 | 3,225                         | 2,353  | 371    | 5,949  | 3,225       | 2,353  | 371    | 5,949  |
| 08104 | New Moorpark-Pardee #4 230 kV line: String roughly 25.5 mile section on vacant side of existing str       | CET-ET-TP-RL-810402 | 902315828 | High                 | Aug-20 | 12,150                        | 17,292 | 23,137 | 52,579 | 12,150      | 17,292 | 23,137 | 52,579 |

Summary of ISO Capital Expenditure Forecast - Non-Incentive Projects  
(\$000)

| PIN                                    | Project Title   | C-WBS               | Order #   | High/ Low | OD     | Project Total (ISO & non-ISO) |        |        |         | ISO Portion |        |        |        |         |
|--|---|---------------------|-----------|-----------|--------|-------------------------------|--------|--------|---------|-------------|--------|--------|--------|---------|
|  |   |                     |           | Prior     |        | 2020                          | 2021   | Total  | Prior   | 2020        | 2021   | Total  |        |         |
| 08104                                  | Moorpark-Santa Clara #2: String 2B-1590 one mile section on vacant side of existing structures to re                | CET-ET-TP-RL-810403 | 902315960 | High      | Dec-20 | 157                           | 1,689  | 289    | 2,135   | 157         | 1,689  | 289    | 2,135  |         |
| 08104                                  | Moorpark-Pardee No. 1: Relocate Moorpark - Pardee No. 1 230 kV transmission line to position 16E                    | CET-ET-TP-RL-810404 | 902578087 | High      | Nov-20 | 62                            | 1,357  | 75     | 1,494   | 62          | 1,357  | 75     | 1,494  |         |
| 08104                                  | Santa Clara: Replace line relays for Moorpark No.1 230 kV line with one (1) G.E L90 relay and one (1) G.E L90 relay | CET-ET-TP-RL-810405 | 902578088 | High      | Mar-20 | 68                            | 358    | 45     | 472     | 68          | 358    | 45     | 472    |         |
| 08104                                  | Environmental for Moorpark-Pardee   | CET-ET-TP-RL-810402 | 916718    | High      | Feb-21 | -                             | 1,050  | 218    | 1,269   | -           | 1,050  | 218    | 1,269  |         |
| 08104                                  | Total Moorpark-Pardee 230 kV No. 4 Circuit Project  |                     |           |           |        |                               | 20,572 | 26,230 | 25,213  | 72,015      | 16,791 | 24,589 | 24,384 | 65,764  |
| 07680                                  | Santiago: Installation of one 225 MVARs synchronous condenser   | CET-ET-TP-RL-768000 | 901333497 | High      | Dec-19 | -                             | 52     | -      | 52      | -           | 50     | -      | 50     |         |
| 07059                                  | Red Bluff Sub: Install the following additional equipment for a shared 220kV Line / Bank Position on                | CET-ET-TP-RN-705900 | 900346247 | High      | Aug-20 | 1,451                         | 600    | -      | 2,051   | 1,451       | 600    | -      | 2,051  |         |
| 07073                                  | Red Bluff RNU: Inst 220kV line position   | CET-ET-TP-RN-707300 | 902494149 | High      | Dec-21 | 2                             | -      | 2,000  | 2,002   | 2           | -      | 2,000  | 2,002  |         |
| 08261                                  | Devers Substation: Revising logic diagrams and reprograming relay settings for total four N60 relays                | CET-ET-TP-RL-826100 | 902852557 | High      | Feb-21 | -                             | 28     | 112    | 140     | -           | 28     | 112    | 140    |         |
| 08261                                  | Mirage Substation: Revising logic diagrams and reprograming relay settings for total four N60 relays                | CET-ET-TP-RL-826101 | 902852558 | High      | Feb-21 | -                             | 28     | 112    | 140     | -           | 28     | 112    | 140    |         |
| 08261                                  | Total Path 42 (Coachella Valley-Mirage and Mirage-Ramon) RAS  |                     |           |           |        |                               | -      | 56     | 224     | 280         | -      | 56     | 224    | 280     |
| 08091                                  | Springville Sub: Reconnect Big Creek 4 currents and bpallets to relays 37-1A and 37-1B                              | CET-ET-TP-RL-809101 | 902393260 | High      | Jun-20 | 56                            | 179    | -      | 236     | 56          | 179    | -      | 236    |         |
| 08163                                  | Red Bluff 2nd 500/220 kV AA Bank (Deliverability Network Upgrade)   | CET-ET-TP-RL-816300 | 902494090 | High      | Apr-21 | 102                           | 4,312  | 11,373 | 15,787  | 102         | 4,312  | 11,373 | 15,787 |         |
| 08205                                  | Whirlwind Substation: Install two GE N60 logic processing relays or equivalent successor to send trip               | CET-ET-TP-RN-820501 | 902642390 | High      | Aug-21 | 1                             | 9      | 8      | 18      | 1           | 9      | 8      | 18     |         |
| 08205                                  | Whirlwind Substation (NU): Install two GE N60 logic processing relays or equivalent successor to ser                | CET-ET-TP-RN-820502 | 902642391 | High      | Aug-21 | 1                             | 253    | 184    | 438     | 1           | 253    | 184    | 438    |         |
| 08205                                  | Total Bigbeau Project interconnection to the Whirlwind Substation   |                     |           |           |        |                               | 2      | 262    | 192     | 456         | 2      | 262    | 192    | 456     |
| 08216                                  | Colorado River Substation (RNU): a.Install one 220 kV line position, which includes the following equ               | CET-ET-TP-RN-821601 | 902660304 | High      | Apr-21 | 77                            | 154    | 108    | 338     | 77          | 154    | 108    | 338    |         |
| 08220                                  | Power Systems Control (RNU):Add points/RAS Programming  | CET-ET-TP-RN-822008 | 902699367 | High      | Jul-21 | 1                             | 10     | -      | 11      | 1           | 10     | -      | 11     |         |
| 08220                                  | Valley Sub (RNU):Add relays/points  | CET-ET-TP-RN-822001 | 902699208 | High      | Apr-21 | 27                            | 75     | 49     | 151     | 27          | 75     | 49     | 151    |         |
| 08220                                  | Total Athos Power Plant Project Interconnection at Red Bluff Substation   |                     |           |           |        |                               | 28     | 85     | 49      | 161         | 28     | 85     | 49     | 161     |
| 08227                                  | Victor (RNU) - Install two GE N60 relays  | CET-ET-TP-RN-822700 | 902732437 | High      | Mar-21 | 64                            | 516    | 152    | 732     | 64          | 516    | 152    | 732    |         |
| 08201                                  | Whirlwind Substation (RNU): Whirlwind AA-Bank RAS: Utilize two GE N60 logic processing relays o                     | CET-ET-TP-RN-820100 | 902668204 | High      | Aug-21 | -                             | 410    | 441    | 851     | -           | 410    | 441    | 851    |         |
| 08204                                  | Whirlwind AA-Bank RAS. i. Whirlwind Substation: Utilize two GE N60 logic processing relays or equi                  | CET-ET-TP-RN-820400 | 902650549 | High      | Dec-21 | -                             | 77     | 80     | 157     | -           | 77     | 80     | 157    |         |
| 08204                                  | Tehachapi C-RAS. i. Whirlwind Substation. Install two GE N60 logic processing relays or equivalent                  | CET-ET-TP-RN-820401 | 902722024 | High      | Dec-21 | -                             | 3      | 3      | 6       | -           | 3      | 3      | 6      |         |
| 08204                                  | Whirlwind Sub: Modify the programs to add the Large Generating Facility to the Whirlwind AA-Bank R                  | CET-ET-TP-RN-820402 | 902722029 | High      | Dec-21 | -                             | 4      | 5      | 9       | -           | 4      | 5      | 9      |         |
| 08204                                  | Total Rabbitbrush Solar Interconnection at Whirlwind Substation   |                     |           |           |        |                               | -      | 84     | 88      | 172         | -      | 84     | 88     | 172     |
| 08223                                  | Whirlwind AA Bank Centralized RAS. i. Whirlwind Substation. Utilize two GE N60 logic processing re                  | CET-ET-TP-RN-822300 | 902705074 | High      | Jul-21 | -                             | 64     | 97     | 161     | -           | 64     | 97     | 161    |         |
| 08223                                  | Tehachapi CRAS: i. Whirlwind Substation. Install two GE N60 logic processing relays or equivalent s                 | CET-ET-TP-RN-822301 | 902705075 | High      | Jul-21 | -                             | 64     | 97     | 161     | -           | 64     | 97     | 161    |         |
| 08223                                  | Power System Controls.1. Add points to the RTUs at Whirlwind Substation.2. Modify the existing RAS                  | CET-ET-TP-RN-822302 | 902705077 | High      | Jul-21 | -                             | 5      | 6      | 11      | -           | 5      | 6      | 11     |         |
| 08223                                  | Total Willy Interconnection at Whirlwind Substation   |                     |           |           |        |                               | -      | 133    | 200     | 333         | -      | 133    | 200    | 333     |
| 08226                                  | Antelope Substation- Tehachapi C-RAS (RNU) - 1. Antelope Substation a. Install two GE N60 logic                     | CET-ET-TP-RN-822600 | 902726865 | Low       | Aug-21 | -                             | 8      | 307    | 315     | -           | 8      | 307    | 315    |         |
| 08226                                  | Antelope Substation-Plan of Service (RNU) - 1. Install all necessary equipment, including one 66 kV                 | CET-ET-TP-RN-822602 | 902726867 | Low       | Jun-21 | -                             | 17     | 783    | 800     | -           | 17     | 783    | 800    |         |
| 08226                                  | Antelope Substation-Power System Control (RNU) - Add points to existing RTU at Antelope Substati                    | CET-ET-TP-RN-822603 | 902726869 | Low       | Aug-21 | -                             | 11     | 5      | 16      | -           | 11     | 5      | 16     |         |
| 08226                                  | Total Clover Energy Storage Interconnection at Antelope Substation  |                     |           |           |        |                               | -      | 36     | 1,095   | 1,131       | -      | 36     | 1,095  | 1,131   |
| Total Transmission Project Reliability |   |                     |           |           |        |                               | 56,957 | 90,410 | 108,168 | 255,535     | 52,718 | 78,636 | 91,260 | 222,614 |

Infrastructure Replacement

|       |  |                     |           |      |                   |               |               |               |               |               |               |               |               |
|-------|--|---------------------|-----------|------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 04211 | Replace Bulk Power Circuit Breakers (220kV and Above)  | CET-ET-IR-CB-421100 |           | High | Blanket Specifics | -             | 2,884         | 3,253         | 6,137         | -             | 2,884         | 3,253         | 6,137         |
| 04329 | Non-Bulk Circuit Breaker Replacement Program (115kV and Below)                                       | CET-ET-IR-CB-432911 |           | Low  | Blanket Specifics | -             | 932           | -             | 932           | -             | 932           | -             | 932           |
| 03138 | Sylmar Converter Station: Misc Cap   | CET-OT-OT-ME-313800 |           | High | Blanket Specifics | -             | 2,234         | 1,248         | 3,482         | -             | 2,234         | 1,248         | 3,482         |
| 03138 | LADWP AC/DC Filter Replacement   | CET-OT-OT-ME-313803 | 900713761 | High | Dec-20            | 71,506        | 14,369        | -             | 85,876        | 71,506        | 14,369        | -             | 85,876        |
| 03138 | <b>Total LADWP - WORK PERFORMED BY OPERATING AGENT</b>   |                     |           |      |                   | <b>71,506</b> | <b>16,603</b> | <b>1,248</b>  | <b>89,357</b> | <b>71,506</b> | <b>16,603</b> | <b>1,248</b>  | <b>89,357</b> |
| 06197 | On-line Dissolved Gas Analysis of Bulk Power Transformer Banks                                       | CET-ET-IR-ME-619700 |           | High | Blanket Specifics | -             | 4,516         | 5,813         | 10,329        | -             | 463           | 67            | 530           |
| 04343 | Non-Bulk Relay Replacement Program ("SRRP")  | CET-ET-IR-RP-434301 |           | Low  | Blanket Specifics | -             | 8,064         | 18,735        | 26,799        | -             | 768           | 1,127         | 1,895         |
| 05089 | Bulk Power 500kV & 220kV Line Relay Replacement  | CET-ET-IR-RP-508900 |           | High | Blanket Specifics | -             | 4,442         | 9,273         | 13,715        | -             | 4,433         | 8,854         | 13,287        |
| 04756 | Substation Miscellaneous Equipment Additions & Betterment  | CET-ET-IR-ME-475600 |           | High | Blanket Specifics | -             | 36,287        | 32,252        | 68,539        | -             | 19,005        | 14,192        | 33,196        |
| 05210 | Substation Transformer Bank Replacement Program (AA-Bank & A-Bank)                                   | CET-ET-IR-TB-521001 |           | High | Blanket Specifics | -             | 15,070        | 11,229        | 26,299        | -             | 2,806         | 1,558         | 4,364         |
| 07716 | Substation Batteries & Chargers (FERC)   | CET-ET-IR-ME-771601 |           | High | Blanket Specifics | -             | -             | 40            | 40            | -             | -             | 40            | 40            |
| 04837 | Replace SAS Infrastructure (FERC)  | CET-ET-IR-RP-483701 |           | High | Blanket Specifics | -             | 482           | 1,431         | 1,914         | -             | 482           | 1,431         | 1,914         |
| 07957 | Devers: Substation Maintenance and Test Building Improvements program                                | COS-00-RE-AD-SR0004 | 801432305 | High | Jul-19            | 1,468         | 3,063         | -             | 4,531         | 1,202         | 2,508         | -             | 3,710         |
| 07959 | Rector: Substation Maintenance and Test Building Improvements program                                | COS-00-RE-AD-SR0006 | 801432582 | High | Dec-20            | 4,856         | 6,764         | -             | 11,621        | 2,809         | 3,912         | -             | 6,720         |
|       | <b>Total Substation Maintenance and Test Building Improvements Program</b>                           |                     |           |      |                   | <b>6,325</b>  | <b>9,827</b>  | <b>-</b>      | <b>16,152</b> | <b>4,011</b>  | <b>6,420</b>  | <b>-</b>      | <b>10,430</b> |
| 07637 | Substation Facility Capital Maintenance  | COS-00-RE-MA-NE7637 |           | High | Blanket Specifics | -             | 11,509        | 16,533        | 28,042        | -             | 4,028         | 5,787         | 9,815         |
| 07392 | Seismic Program - Trans Subs (FERC)  | COS-00-SP-TD-000000 |           | High | Blanket Specifics | -             | 22,096        | 21,000        | 43,096        | -             | 14,141        | 13,440        | 27,581        |
| 07392 | Seismic Program - Trans Lines  | COS-00-SP-TD-000002 |           | High | Blanket Specifics | -             | 4,000         | 3,300         | 7,300         | -             | 4,000         | 3,300         | 7,300         |
| 07392 | <b>Seismic Assessment and Mitigation Program for Transmission Assets</b>                             |                     |           |      |                   | <b>-</b>      | <b>26,096</b> | <b>24,300</b> | <b>50,396</b> | <b>-</b>      | <b>18,141</b> | <b>16,740</b> | <b>34,881</b> |
| 07949 | Protection of Grid Infrastructure Assets (formerly, Physical Security Systems - Electric Facilities) | COS-00-CS-CS-745400 |           | High | Blanket Specifics | -             | 10,296        | 13,243        | 23,539        | -             | 5,956         | 7,661         | 13,617        |

Summary of ISO Capital Expenditure Forecast - Non-Incentive Projects  
(\$000)

| PIN               | Project Title  | C-WBS               | Order #   | High/ Low<br>Voltage | OD                | Project Total (ISO & non-ISO) |         |         |         | ISO Portion |        |        |         |
|-------------------|--|---------------------|-----------|----------------------|-------------------|-------------------------------|---------|---------|---------|-------------|--------|--------|---------|
|                   |  |                     |           |                      |                   | Prior                         | 2020    | 2021    | Total   | Prior       | 2020   | 2021   | Total   |
| 07948             | North American Electric Reliability Corporation Critical Infrastructure Protection (NERC CIP) V6 | COS-00-CS-CS-745700 |           | High                 | Blanket Specifics | -                             | 100     | -       | 100     | -           | 46     | -      | 46      |
| 07573             | Substation Fence/Gate (Cu Theft) (FERC)  | CET-ET-IR-ME-757301 |           | High                 | Blanket Specifics | -                             | 5,225   | 3,724   | 8,950   | -           | 2,791  | 1,990  | 4,781   |
| 07820             | NERC CIP-14 Physical Security Enhancements   | COS-00-CS-CS-782000 |           | High                 | Blanket Specifics | -                             | 2,518   | 476     | 2,995   | -           | 2,468  | 467    | 2,935   |
| 07820             | 500/220 kV (ES-5069): NERC CIP-14 Physical Security Enhancements                                 | CET-ET-IR-ME-782001 | 901656354 | High                 | Dec-18            | -                             | 417     | 263     | 680     | -           | 355    | 224    | 579     |
| 07820             | 220/66 kV (ES-5050): NERC CIP-14 Physical Security Enhancements                                  | CET-ET-IR-ME-782002 | 901656355 | High                 | Sep-18            | -                             | 307     | 162     | 469     | -           | 267    | 141    | 408     |
| 07820             | 500/220 kV (ES-5054): NERC CIP-14 Physical Security Enhancements                                 | CET-ET-IR-ME-782005 | 901656358 | High                 | May-20            | 18,388                        | 2,961   | 1,540   | 22,889  | 18,388      | 2,961  | 1,540  | 22,889  |
| 07820             | 500/220 kV (ES-5090): NERC CIP-14 Physical Security Enhancements                                 | CET-ET-IR-ME-782008 | 901657121 | High                 | Jun-20            | 11,214                        | 6,771   | 2,155   | 20,140  | 11,214      | 6,771  | 2,155  | 20,140  |
| 07820             | 500/220 kV (ES-5061): NERC CIP-14 Physical Security Enhancements                                 | CET-ET-IR-ME-782009 | 902072001 | High                 | Sep-19            | -                             | 313     | 180     | 494     | -           | 313    | 180    | 494     |
| 07820             | Substation Physical Security Enhancements Project  |                     |           |                      |                   | 29,602                        | 13,288  | 4,776   | 47,666  | 29,602      | 13,136 | 4,707  | 47,445  |
| 08042             | 500/220 kV (ES-5080): Perimeter Security Upgrade   | CET-ET-IR-ME-804207 | 902158683 | High                 | Dec-20            | -                             | 356     | 1,720   | 2,076   | -           | 356    | 1,720  | 2,076   |
| 08042             | 500/220 kV (ES-5067): Physical Security Tier 2   | CET-ET-IR-ME-804200 | 902210275 | High                 | Jun-21            | 258                           | 0       | 940     | 1,199   | 212         | 0      | 771    | 983     |
| 08042             | 500/220 kV (ES-5052): Physical Security Tier 2   | CET-ET-IR-ME-804201 | 902210276 | High                 | Jan-21            | 25                            | -       | 147     | 172     | 25          | -      | 147    | 172     |
| 08042             | 500/220 kV (ES-5047): Physical Security Tier 2   | CET-ET-IR-ME-804202 | 902210277 | High                 | Nov-20            | 8                             | 2       | 143     | 153     | 8           | 2      | 143    | 153     |
| 08042             | 500/220 kV (ES-8060): Physical Security Tier 2   | CET-ET-IR-ME-804203 | 902210452 | High                 | Jul-20            | 13                            | 2       | 143     | 158     | 13          | 2      | 143    | 158     |
| 08042             | 500/220 kV (ES-5079): Physical Security Tier 2   | CET-ET-IR-ME-804204 | 902210453 | High                 | Mar-21            | 11                            | 3       | 143     | 157     | 10          | 3      | 127    | 140     |
| 08042             | 220/115/66 kV (ES-5064): Physical Security Tier 3  | CET-ET-IR-ME-804205 | 902210454 | High                 | May-21            | 67                            | -       | -       | 67      | 67          | -      | -      | 67      |
| 08042             | Physical Security Projects (Tiers 2 & 3)   |                     |           |                      |                   | 382                           | 363     | 3,237   | 3,982   | 334         | 363    | 3,052  | 3,749   |
|                   | Total Physical Security Enhancement Programs   |                     |           |                      |                   | 29,984                        | 29,273  | 24,981  | 84,237  | 29,936      | 22,293 | 17,409 | 69,638  |
|                   | Total Infrastructure Replacement   |                     |           |                      |                   | 107,815                       | 165,984 | 149,089 | 422,888 | 105,453     | 99,257 | 71,707 | 276,417 |
| Grid Applications |  |                     |           |                      |                   |                               |         |         |         |             |        |        |         |
| 07666             | Centralized Remedial Action Scheme (C-RAS) Program - Phase 1: Colorado River Corridor RAS        | CET-ET-GA-CR-766600 |           | High                 | Blanket Specifics | -                             | 2,039   | 7,542   | 9,581   | -           | 2,039  | 7,542  | 9,581   |
| 08009             | Northern C-RAS to Tehachapi C-RAS  | CET-ET-GA-CR-800900 |           | High                 | Blanket Specifics | -                             | 1,133   | -       | 1,133   | -           | 1,133  | -      | 1,133   |
| 06446             | Phasor Measurement System Installations  | CET-ET-GA-EM-644606 |           | High                 | Blanket Specifics | -                             | 9,900   | 5,165   | 15,066  | -           | 3,737  | 2,175  | 5,912   |
|                   | Total Grid Apps  |                     |           |                      |                   | -                             | 13,073  | 12,707  | 25,780  | -           | 6,910  | 9,716  | 16,626  |
| PWRD Blankets     |  |                     |           |                      |                   |                               |         |         |         |             |        |        |         |
| 03363             | Substation Planned Maintenance Replacements  | CET-PD-IR-SP-SUBSNW |           | High                 | Blanket Specifics | -                             | 6,718   | -       | 6,718   | -           | 358    | -      | 358     |
| 03363             | Substation Unplanned Maintenance Replacements  | CET-PD-BM-SU-SUBSNW |           | High                 | Blanket Specifics | -                             | 11,644  | 11,905  | 23,548  | -           | 533    | 545    | 1,079   |
| 03363             | Substation - Storm   | CET-PD-ST-SS-SUBSNW |           | High                 | Blanket Specifics | -                             | 1,643   | 1,678   | 3,320   | -           | 363    | 371    | 734     |
| 03363             | Substation Maintenance, Breakdown, & Storm   |                     |           |                      |                   | -                             | 20,004  | 13,582  | 33,587  | -           | 1,254  | 916    | 2,170   |
| 07888             | Transmission Maintenance Planned - Pothead Replacement   | CET-PD-IR-TP-788800 |           | High                 | Blanket Specifics | -                             | 957     | 4,500   | 5,457   | -           | 957    | 4,500  | 5,457   |
| 03364             | Transmission Breakdown Maintenance Unplanned   | CET-PD-BM-TU-TREAST |           | High                 | Blanket Specifics | -                             | 3,100   | 3,065   | 6,165   | -           | 737    | 729    | 1,466   |
| 03364             | Transmission Tower Corrosion Program   | CET-PD-IR-TS-TRSJAC |           | High                 | Blanket Specifics | -                             | 6,020   | 21,027  | 27,047  | -           | 6,020  | 21,027 | 27,047  |
| 03364             | Transmission Grid-Based Maintenance  | CET-PD-IR-TG-TRSJAC |           | High                 | Blanket Specifics | -                             | 15,424  | 43,079  | 58,502  | -           | 4,572  | 12,768 | 17,340  |
| 07511             | Install Tower Lights and Marker Balls per FAA Standards  | CET-PD-OT-LM-751101 |           | High                 | Blanket Specifics | -                             | 4       | -       | 4       | -           | 4      | -      | 4       |
|                   | Transmission Maintenance & Breakdown Maintenance   |                     |           |                      |                   | -                             | 25,504  | 71,671  | 97,175  | -           | 12,289 | 39,024 | 51,314  |
| 03364             | Transmission Deteriorated Pole Repl & Restoration  | CET-PD-IR-TR-TRMETW |           | High                 | Blanket Specifics | -                             | 81,765  | 95,819  | 177,584 | -           | 246    | 289    | 535     |
| 03364             | Pole Loading Transmission Pole Replacements  | CET-PD-IR-PT-TRMETW |           | High                 | Blanket Specifics | -                             | 16,900  | 43,980  | 60,880  | -           | 51     | 133    | 184     |
| 04056             | Steel Stub Pole Remediation (Trans)  | CET-PD-OT-SF-TRORAN |           | High                 | Blanket Specifics | -                             | 125     | 154     | 279     | -           | 2      | 2      | 4       |

Summary of ISO Capital Expenditure Forecast - Non-Incentive Projects  
(\$000)

| PIN   | Project Title  | C-WBS               | Order # | High/ Low | OD                | Project Total (ISO & non-ISO) |         |         |           | ISO Portion |         |         |         |
|---|--|---------------------|---------|-----------|-------------------|-------------------------------|---------|---------|-----------|-------------|---------|---------|---------|
|   |  |                     |         | Voltage   |                   | Prior                         | 2020    | 2021    | Total     | Prior       | 2020    | 2021    | Total   |
| Transmission Poles (Pole Loading & Deteriorated Pole Programs)          |  |                     |         |           |                   | -                             | 98,790  | 139,952 | 238,743   | -           | 299     | 424     | 723     |
| 07298   | Transmission Line Rating Remediation (Exempt from Licensing)                               | CET-PD-OT-PJ-729801 |         | High      | Blanket Specifics | -                             | 118,322 | 92,284  | 210,606   | -           | 92,040  | 62,631  | 154,671 |
| 03362   | Critical Infrastructure Spares - FERC Spare Transformer Equipment Program (STEP)/Emergency | CET-PD-CI-CI-CRINSP |         | High      | Blanket Specifics | -                             | 8,529   | 10,200  | 18,729    | -           | 8,529   | 10,200  | 18,729  |
| 03367   | Substation - Claim   | CET-PD-CL-SC-SUBSNW |         | High      | Blanket Specifics | -                             | 174     | 355     | 529       | -           | 4       | 9       | 13      |
| 03367   | Transmission - Claim   | CET-PD-CL-TC-TREAST |         | High      | Blanket Specifics | -                             | 3,422   | 3,511   | 6,933     | -           | 99      | 101     | 200     |
| 03367   | Transmission - Storm   | CET-PD-ST-TS-TREAST |         | High      | Blanket Specifics | -                             | 4,778   | 4,370   | 9,148     | -           | 1,266   | 1,158   | 2,424   |
| 03367   | Transmission Storm & Claims  |                     |         |           |                   | -                             | 8,374   | 8,236   | 16,609    | -           | 1,369   | 1,268   | 2,637   |
| 08224   | Transmission Enhanced Overhead Inspections (EOI) Capital Remediations                      | CET-PD-WM-TP-822400 |         | High      | Blanket Specifics | -                             | 64,896  | 8,839   | 73,735    | -           | 17,522  | 2,386   | 19,908  |
| Total PWRD Blankets   |  |                     |         |           |                   | -                             | 279,524 | 335,925 | 615,449   | -           | 115,781 | 114,463 | 230,244 |
| Total Non-Incentive Transmission Projects                               |  |                     |         |           |                   | 201,072                       | 629,104 | 614,809 | 1,444,985 | 174,432     | 329,476 | 289,614 | 793,522 |
| Total Forecast Specific Project Expenditures (Closing by December 2021) |  |                     |         |           |                   | 201,072                       | 140,956 | 115,786 | 457,815   | 174,432     | 121,827 | 98,633  | 394,892 |
| Total Forecast Blanket Expenditures (Closing by December 2021)          |  |                     |         |           |                   | -                             | 488,147 | 499,023 | 987,171   | -           | 207,649 | 190,981 | 398,630 |