

### RIVERSIDE TRANSMISSION RELIABILITY HYBRID PROJECT (RTRP) Transmission Construction Schedule As of 06/01/17

# DRAFT

| Activity ID  | Activity Name   | Original Duration | Start     | Finish    | Year   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
|--|---|-------------------|-----------|-----------|--|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|--|--|
|  |   |                   |           |           | 2018   |    | 2019 |    |    |    | 2020 |    |    |    | 2021 |    |    |    | 2022 |    |    |    | 2023 |    |    |    |  |  |
|  |   |                   |           |           | Q3   | Q4 | Q1   | Q2 | Q3 | Q4 | Q1   | Q2 | Q3 | Q4 | Q1   | Q2 | Q3 | Q4 | Q1   | Q2 | Q3 | Q4 | Q1   | Q2 | Q3 | Q4 |  |  |
| <b>Riverside Transmission Reliability Project - DR#5</b>                     |   |                   |           |           | 15-May-23, Riv   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| <b>Transmission Line (Bulk-Trans, &gt;160kV)</b>                             |   |                   |           |           | 14-Mar-23, Transmiss   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| <b>Transmission Line</b>   |   |                   |           |           | 08-Mar-22, Transmission Line   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| <b>T/L Engineering (May be used for all contractor scope in EPC Project)</b> |   |                   |           |           | 04-May-20, T/L Engineering (May be used for all contractor scope in EPC Project) |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6200   | Transmission - Engineering  | 282               | 18-Sep-18 | 30-Oct-19 | Transmission - Engineering   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6202   | Transmission - Engineering - Borings & Geotechnical Studies                     | 126               | 22-Apr-19 | 17-Oct-19 | Transmission - Engineering - Borings & Geotechnical Studies                      |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6204   | Transmission - Engineering - Grading Permits                                    | 126               | 31-Oct-19 | 04-May-20 | Transmission - Engineering - Grading Permits                                     |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| <b>T/L Procurement / Materials</b>   |   |                   |           |           | 01-Sep-20, T/L Procurement / Materials   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6220   | Transmission - Procurement  | 210               | 31-Oct-19 | 01-Sep-20 | Transmission - Procurement   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| <b>T/L Construction</b>  |   |                   |           |           | 08-Mar-22, T/L Construction  |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6270   | Marshalling Yard Preparation and Mobilization                                   | 28                | 09-Mar-21 | 15-Apr-21 | Marshalling Yard Preparation and Mobilization                                    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| <b>LSTs</b>  |   |                   |           |           | 27-May-21, LSTs  |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6290   | LST Steel Haul  | 6                 | 15-Mar-21 | 22-Mar-21 | LST Steel Haul   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6380   | LST Modification  | 10                | 15-Mar-21 | 26-Mar-21 | LST Modification   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6280   | LST Foundation Installation   | 36                | 15-Mar-21 | 03-May-21 | LST Foundation Installation  |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6300   | LST Assembly  | 48                | 23-Mar-21 | 27-May-21 | LST Assembly   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6310   | LST Erection  | 36                | 08-Apr-21 | 27-May-21 | LST Erection   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| <b>TSPs</b>  |   |                   |           |           | 25-Oct-21, TSPs  |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6330   | TSP Haul  | 17                | 15-Mar-21 | 06-Apr-21 | TSP Haul   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6320   | TSP Foundation Installation   | 158               | 15-Mar-21 | 25-Oct-21 | TSP Foundation Installation  |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6340   | TSP Assembly  | 51                | 07-Apr-21 | 17-Jun-21 | TSP Assembly   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6350   | TSP Erection  | 102               | 02-Jun-21 | 25-Oct-21 | TSP Erection   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| <b>Stringing &amp; Testing</b>   |   |                   |           |           | 08-Mar-22, Stringing & Testing   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6360   | Stringing   | 63                | 20-Oct-21 | 24-Jan-22 | Stringing  |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6370   | Restoration/Testing   | 30                | 25-Jan-22 | 08-Mar-22 | Restoration/Testing  |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| <b>Transmission Line -</b>   |   |                   |           |           | 14-Mar-23, Transmiss   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| <b>T/L Engineering (May be used for all contractor scope in EPC Project)</b> |   |                   |           |           | 22-Jun-21, T/L Engineering (May be used for all contractor scope in EPC Project) |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6255   | Underground 220kV Transmission - Engineering                                    | 567               | 18-Sep-18 | 21-Dec-20 | Underground 220kV Transmission - Engineering                                     |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6256   | Underground 220kV Transmission - Engineering - Borings & Geotechnical Studies   | 126               | 22-Apr-19 | 17-Oct-19 | Underground 220kV Transmission - Engineering - Borings & Geotechnical Studies    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6257   | Underground 220kV Transmission - Engineering - Grading Permits                  | 126               | 22-Dec-20 | 22-Jun-21 | Underground 220kV Transmission - Engineering - Grading Permits                   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| <b>T/L Procurement / Materials</b>   |   |                   |           |           | 17-Feb-22, T/L Procurement / Materials   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6258   | Underground 220kV Transmission - UG Cable Procurement                           | 400               | 15-Jul-20 | 17-Feb-22 | Underground 220kV Transmission - UG Cable Procurement                            |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| <b>T/L Construction</b>  |   |                   |           |           | 14-Mar-23, T/L Const   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6309   | Riser Pole Preparation  | 20                | 16-Sep-21 | 13-Oct-21 | Riser Pole Preparation   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6269   | Underground Vault Installation  | 224               | 16-Sep-21 | 08-Aug-22 | Underground Vault Installation   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6279   | Underground Duct Bank Installation  | 110               | 04-Mar-22 | 08-Aug-22 | Underground Duct Bank Installation   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6289   | Underground Cable Installation  | 96                | 13-Apr-22 | 26-Aug-22 | Underground Cable Installation   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6319   | Cable Terminating   | 120               | 15-Apr-22 | 04-Oct-22 | Cable Terminating  |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6299   | Cable Splicing  | 159               | 23-May-22 | 10-Jan-23 | Cable Splicing   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6329   | Trench Restoration/Paving/Testing   | 72                | 29-Nov-22 | 14-Mar-23 | Trench Restoration/Paving/Testing  |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| <b>IT/Telecom</b>  |   |                   |           |           | 15-May-23, IT/   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| <b>IT/Telecom</b>  |   |                   |           |           | 15-May-23, IT/   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| <b>IT/Telecom Engineering</b>  |   |                   |           |           | 20-May-19, IT/Telecom Engineering  |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6800   | Telecom - Engineering   | 168               | 18-Sep-18 | 20-May-19 | Telecom - Engineering  |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| <b>IT/Telecom Procurement</b>  |   |                   |           |           | 19-Aug-19, IT/Telecom Procurement  |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6810   | Telecom - Procurement   | 63                | 21-May-19 | 19-Aug-19 | Telecom - Procurement  |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| <b>IT/Telecom Construction</b>   |   |                   |           |           | 15-May-23, IT/   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6860   | Fiber Optic Transport to Communicate with Adjacent SCE Subs (Mira Loma & Vista) | 84                | 10-Jan-23 | 09-May-23 | Fiber Optic Tran   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6870   | Multiplex Equipment to Deliver Line Protection Ckts (L90, 311L, SCADA (EMS)     | 1                 | 10-May-23 | 10-May-23 | Multiplex Equipon  |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6880   | DATA ckt for Admin, and GRID2 for Operation Networks (DFR/PMU)                  | 1                 | 11-May-23 | 11-May-23 | DATA ckt for A   |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6890   | Voice Communications for Phones   | 1                 | 12-May-23 | 12-May-23 | Voice Communi  |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |
| 6900   | Corp Security DATA transport for Cameras, Card Readers, Etc                     | 1                 | 15-May-23 | 15-May-23 | Corp Security D  |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |      |    |    |    |  |  |

█ Actual Work    █ Critical Remaining Work    Summary  
█ Remaining Work    ◆ Milestone