**B2-Staff-72: OEB Staff Summary of Projects T-SR-01 through ISD T-SR-18**

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| Project Number | Project Name | Total Cost($ Millions) | Alternatives |
| 1 | 2 | 3 |
| T-SR-01 | Transmission Station Renewal – Network Stations | 994.1 | Reactive Component Replacement | Planned Programmatic Replacement of Components (Unbundled) | Bundled Integrated Replacement of Components |
| T-SR-02 | Transmission Station Renewal – Air Blast Circuit Breakers | 575.6 | Do Nothing – Reactive Component Replacement | Switchyard Rebuild | Planned In-Situ Replacements |
| T-SR-03 | Transmission Station Renewal – Connection Stations | 1,877.3 | Reactive Component Replacement | Planned Programmatic Replacement of Components (Unbundled) | Bundled Integrated Replacement of Components |
| T-SR-04 | Wood Pole Structure Replacements | 294.0 | Status Quo – The “Do Nothing” – Reactive Pole Replacement | Pole Replacement Based on Risk Mitigation Assessment | N/A |
| T-SR-05 | Steel Structure Coating Program | 122.7 | Reactive Replacement of Poor Condition Steel Structures | Coating at Currently Planned Pacing | N/A |
| T-SR-06 | Tower Foundation Assess/Clean/Coat & Life Extension Program | 89.6 | Reactive Foundation and Member Replacement | Planned Foundation Coating/Repair and Tower Member Replacement | N/A |
| T-SR-07 | Transmission Line Shieldwire Replacement | 62.7 | Status Quo – Reactive Replacement of Failed Shieldwire | Proactive Replacement of Critical Poor Condition Shieldwire | Proactive Replacement of All Poor Condition Shieldwire |
| T-SR-08 | Transmission Line Insulator Replacement | 399.5 | Status Quo – Reactive Replacement of Insulators | Planned Insulator Replacement | N/A |
| T-SR-09 | Transmission Station Demand and Spares and Targeted Assets | 226.8 | Investment is Non-Discretionary | N/A | N/A |
| T-SR-10 | Protection Relay Replacement Program | 44.8 | Reactive Component Replacement | Planned Component Replacement | N/A |
| T-SR-11 | Legacy SONET System Replacement | 114.0 | Status Quo – Replace the Legacy SONET Equipment as it Fails | Planned SONET Replacement | N/A |
| T-SR-12 | Telecom Performance Improvements | 13.8 | Status Quo – Reactive Repair of Digital Microwave Equipment and ADSS Fibre | Planned Replacement of Microwave Links and ADSS fibre | N/A |
| T-SR-13 | Transmission Line Complete Refurbishment | 833.2 | Reactive Component Sustainment | Programmatic Sustainment of Components (Unbundled) | Comprehensive Line Section Refurbishment (Bundled) |
| T-SR-14 | Mobile Radio System Replacement | 19.9 | Status Quo – Maintaining the Existing System | Replace Legacy Mobile Radio System | N/A |
| T-SR-15 | Transmission Line Emergency Restoration | 53.0 | This Investment Program is non-Discretionary | N/A | N/A |
| T-SR-16 | HV UG Cable – Replace/Refurbish Pumping Plants | 5.8 | Status Quo – Reactive Replacement of Pumping Plants or Select Components | Planned Replacement | N/A |
| T-SR-17 | OPGW Infrastructure Projects | 117.3 | Status Quo | Fibre Optic OPGW Infrastructure Development Investments | N/A |
| T-SR-18 | C5E/C7E Underground Cable Replacement | 66.7 | Status Quo – Reactive Replacement of Underground Cables | Planned Replacement | N/A |