

APPENDIX B TFO CAPITAL COST ESTIMATES

TRANSMISSION PROJECT COST SUMMARY

| AESO Project Name & No. | P2082 Suncor Base Plant Cogen | | P2082 | |
|----------------------------------|-------------------------------|-----------------------|-----------------------|-------------|
| Prepared by: | ATCO | | | |
| AACE Class: | | Estimate Basis | | |
| High Range | 10% | Low Range | | -20% |
| Date of Estimate: | 10-10-2019 | Base Year \$ | | 2018 |
| In Service Date | 1-Jun-22 | In Service Year \$ | | 2022 |
| | SYSTEM | PARTICIPANT | TOTAL | ASSUMPTIONS |
| TRANSMISSION LINE | | | | |
| Material | \$ - | \$ 26,276,185 | \$ 26,276,185 | |
| Labour | \$ - | \$ 34,366,177 | \$ 34,366,177 | |
| Supply & Install | \$ - | \$ - | \$ - | |
| TOTAL TRANSMISSION LINE | \$ - | \$ 60,642,362 | \$ 60,642,362 | |
| SUBSTATION | | | | |
| Material | \$ - | \$ 2,223,655 | \$ 2,223,655 | |
| Labour | \$ - | \$ 4,616,436 | \$ 4,616,436 | |
| Supply & Install | \$ - | \$ - | \$ - | |
| TOTAL SUBSTATION | \$ - | \$ 6,840,091 | \$ 6,840,091 | |
| TELECOMMUNICATION | | | | |
| Material | \$ - | \$ 42,564 | \$ 42,564 | |
| Labour | \$ - | \$ 177,031 | \$ 177,031 | |
| Supply & Install | \$ - | \$ - | \$ - | |
| TOTAL TELECOMMUNICATIONS | \$ - | \$ 219,595 | \$ 219,595 | |
| OWNERS | | | | |
| Pre-SP Cost | \$ - | \$ 142,687 | \$ 142,687 | |
| Service Proposal | \$ - | \$ 110,610 | \$ 110,610 | |
| Facility Applications | \$ - | \$ 841,089 | \$ 841,089 | |
| Regulatory & Compliance | \$ - | \$ - | \$ - | |
| Land Rights - Easements | \$ - | \$ 336,796 | \$ 336,796 | |
| Land - Damage Claims | \$ - | \$ - | \$ - | |
| Land - Acquisitions | \$ - | \$ - | \$ - | |
| Land - Other | \$ - | \$ - | \$ - | |
| TOTAL OWNERS COST | \$ - | \$ 1,431,182 | \$ 1,431,182 | |
| DISTRIBUTED | | | | |
| Procurement Management | \$ - | \$ 573,260 | \$ 573,260 | |
| Project Management | \$ - | \$ 960,708 | \$ 960,708 | |
| Construction Management | \$ - | \$ 1,223,985 | \$ 1,223,985 | |
| Contingency | \$ - | \$ 7,426,000 | \$ 7,426,000 | |
| Escalation | \$ - | \$ 2,204,022 | \$ 2,204,022 | |
| TOTAL DISTRIBUTED | \$ - | \$ 12,387,975 | \$ 12,387,975 | |
| SALVAGE | | | | |
| Transmission Line Labour | \$ - | \$ - | \$ - | |
| Substation Labour | \$ - | \$ - | \$ - | |
| Telecom Labour | \$ - | \$ - | \$ - | |
| Land Remediation and Reclamation | \$ - | \$ - | \$ - | |
| TOTAL SALVAGE | \$ - | \$ - | \$ - | |
| OTHER COSTS | | | | |
| AFUDC | \$ - | \$ 3,876,734 | \$ 3,876,734 | |
| E&S | \$ - | \$ 15,896,635 | \$ 15,896,635 | |
| TOTAL OTHER | \$ - | \$ 19,773,369 | \$ 19,773,369 | |
| TOTAL PROJECT | \$ - | \$ 101,294,574 | \$ 101,294,574 | |

TRANSMISSION PROJECT COST SUMMARY

| AESO Project Name & No. | P2082 Suncor Voyager APL | | | |
|----------------------------------|--------------------------|--------------------|-------------------|--|
| Prepared by: | ATCO Electric | | | |
| AACE Class: | | Estimate Basis | Service Proposal | |
| High Range | 20% | Low Range | -10% | |
| Date of Estimate: | 21/09/2020 | Base Year \$ | 2020 | |
| In Service Date | 1-Jul-22 | In Service Year \$ | 2022 | |
| | SYSTEM | PARTICIPANT | TOTAL | |
| TRANSMISSION LINE | | | | |
| Material | \$ - | \$ - | \$ - | |
| Labour | \$ - | \$ - | \$ - | |
| Supply & Install | \$ - | \$ - | \$ - | |
| TOTAL TRANSMISSION LINE | \$ - | \$ - | \$ - | |
| SUBSTATION | | | | |
| Material | \$ - | \$ 65,213 | \$ 65,213 | |
| Labour | \$ - | \$ 618,658 | \$ 618,658 | |
| Supply & Install | \$ - | \$ - | \$ - | |
| TOTAL SUBSTATION | \$ - | \$ 683,871 | \$ 683,871 | |
| TELECOMMUNICATION | | | | |
| Material | \$ - | \$ 9,160 | \$ 9,160 | |
| Labour | \$ - | \$ 55,817 | \$ 55,817 | |
| Supply & Install | \$ - | \$ - | \$ - | |
| TOTAL TELECOMMUNICATIONS | \$ - | \$ 64,977 | \$ 64,977 | |
| OWNERS | | | | |
| Pre-SP Cost | \$ - | \$ - | \$ - | |
| Service Proposal | \$ - | \$ 23,795 | \$ 23,795 | |
| Facility Applications | \$ - | \$ - | \$ - | |
| Regulatory & Compliance | \$ - | \$ - | \$ - | |
| Land Rights - Easements | \$ - | \$ - | \$ - | |
| Land - Damage Claims | \$ - | \$ - | \$ - | |
| Land - Acquisitions | \$ - | \$ - | \$ - | |
| Land - Other | \$ - | \$ - | \$ - | |
| TOTAL OWNERS COST | \$ - | \$ 23,795 | \$ 23,795 | |
| DISTRIBUTED | | | | |
| Procurement Management | \$ - | \$ 6,673 | \$ 6,673 | |
| Project Management | \$ - | \$ 59,141 | \$ 59,141 | |
| Construction Management | \$ - | \$ 38,202 | \$ 38,202 | |
| Contingency | \$ - | \$ 35,536 | \$ 35,536 | |
| Escalation | \$ - | \$ - | \$ - | |
| TOTAL DISTRIBUTED | \$ - | \$ 139,552 | \$ 139,552 | |
| SALVAGE | | | | |
| Transmission Line Labour | \$ - | \$ - | \$ - | |
| Substation Labour | \$ - | \$ - | \$ - | |
| Telecom Labour | \$ - | \$ - | \$ - | |
| Land Remediation and Reclamation | \$ - | \$ - | \$ - | |
| TOTAL SALVAGE | \$ - | \$ - | \$ - | |
| OTHER COSTS | | | | |
| AFUDC | \$ - | \$ - | \$ - | |
| E&S | \$ - | \$ - | \$ - | |
| TOTAL OTHER | \$ - | \$ - | \$ - | |
| TOTAL PROJECT | \$ - | \$ 912,195 | \$ 912,195 | |