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| O.O. | ***17-00271***  ***17-10222***  ***17-10819*** | | | MISO No | ***1-14978287***  ***1-15156514***  ***1-15390169*** | File No. | 240801 |
| **Abnormal Operating Condition:** | | 115 kV Line ST6 (Seven Sisters – Transcona)  115 kV Line TR5( Transcona - Rosser)  115 kV Line GP1(Pine Falls – Great Falls) | | | | | |
| **Effective Dates:** | | | 2017-10-02 from 0830 to 2017-10-06 at 1600 CDT  (2017-10-02 from 0830 to 2017-10-06 at 1600 EST) | | | | |
| **Standing Guide Reference:** | | | Study as per K. Prystay - Generation Pattern 1, 3 and 5 (Summer 166- 550 MW's) | | | | |

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| **Description of Work:** | ST6 – Transcona 115 kV Line ST6 is open ended at Transcona for, Relay maintenance and trip testing, 115 kV Breaker ST6 Bushing replacement, insulation checks and POT Bank insulation tests.  TR5 – Rosser 115 kV TR5 C.T.s,wiring and piping will be replaced.  GP1 Open ended to allow for bank switching at Pine Falls |





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| **Special Instructions to MHEB Operator:** | **Export**:  If RTCA indicates that the loss of SR3 or WT34 will cause an overload on SG12, then the transfer from IESO may need to be curtailed.   **Import**: If RTCA indicates that the loss of WT34 will cause an overload on SG12 or ST5, then the transfer from IESO may need to be curtailed.  If RTCA indicates that the loss of ST5 will cause an overload on WT34, then the transfer from IESO may need to be curtailed. |

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| **MISO North RC Notes:** | MH\_ONT\_E (Export) Transfer Limit = 223 MW  MH\_ONT\_W (Import) Transfer Limit = 178 MW  MH\_ONT\_E (Export) Transfer Limit During Offloads = 140 MW  MH\_ONT\_W (Import) Transfer Limit During Offloads =130 MW |
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| **Special Instructions:** | **TOI Extensions** - This TOI may be extended until 23:59, by performing the following steps.  a) Verify system conditions to confirm there are no additional tie line facilities outages, or new internal MH outages.  b) Review RTCA to confirm there are no new contingencies.  c) Contact MISO to confirm there are no new outages, if there are no new outages provide notice to MISO that MH is extending the TOI.  d) Extend the outage in COLA  e) Update TLAP outage table  f) Provide notice to affected balancing authorities |

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| **Prepared By:** | J. Thompson | **Date:** | 2017 09 28 |

Copies to:

SOSS, System Control Centre NSSS, System Control Centre

GSSS, System Control Centre GSO, System Control Centre

Operating Order Ontario IESO

MISO – St. Paul MHEB OASIS

File 240801