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| O.O. | **16-13034**  **16-13429**  **16-11875** | | | MISO No | ***1-11801626***  ***1-11613651***  **1-11523192** | File No. | 240801 |
| **Abnormal Operating Condition:** | | Generator 2 (Seven Sisters G.S.)  Generator 5 (Seven Sisters G.S.)  115 kV Line PC4 (Pine Falls G.S. – Parkdale) | | | | | |
| **Effective Dates:** | | | 2016-11-15 from 0600 to 2016-11-15 at 1600 CST  (2016-11-15) from 0700 to 2016-11-15 at 1700 EST) | | | | |
| **Standing Guide Reference:** | | | System Study as per L. Ruchkall - Generation Pattern 1 (Winter 451- 591 MW's) | | | | |

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| **Description of Work:** | Seven Sisters G.S. - Generator 2 – 12-year mtce.  Seven Sisters G.S. - Generator 5 – 3-year mtce.  Pine Falls G.S. - Installation of steel structures (3 columns and 6 girders) for the line termination of the new 115kV Line PQ95 to Manigotagan Station.  Phase of this outage: Stringing the new Intermediate Bus and Riser connection to disconnect D1A within the existing bay. Require outage between Breakers R1 – R19 and Breakers R7 – R13. |





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| **Special Instructions to MHEB Operator:** | **Export**:  If RTCA indicates that the loss of SR3 will cause overloads on SG12, transfer from IESO may need to be curtailed.  **Import**: If RTCA indicates that the loss of ST5 or ST6 will cause overloads on WT34, transfer from IESO may need to be curtailed. |

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| **MISO North RC Notes:** | MH\_ONT\_E (Export) SOL = 285 MW  MH\_ONT\_W (Import) SOL = 260 MW  MH\_ONT\_E (Export)\_Transfer Limits\_SOL\_During\_Offloads = 190 MW  MH\_ONT\_W (Import)\_Transfer Limits\_SOL\_During\_Offloads = 190 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:** | 2016 11 10 |

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