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| O.O. | ***17-00213***  ***17-02006***  ***17-00144*** | | | MISO No | ***1-14099777***  ***1-14570683***  ***1-14790266*** | File No. | 240801 |
| **Abnormal Operating Condition:** | | 230 kV Line K22W (Kenora – Whiteshell)  115 kV Line WT34 (Whiteshell – Transcona)  115 kV Bus Section 2 & 3(Seven Sisters)  115 kV Line SR3/SW3 (Seven Sisters)  115 kV Line SG12 (Seven Sisters)  115 kV Line SW2 (Seven Sisters)  Generators 1, 2, & 3 (Seven Sisters) | | | | | |
| **Effective Dates:** | | | 2017-08-30 from 0800 to 2017-08-30 at 1400 CDT  (2017-08-30 from 0800 to 2017-08-30 at 1400 EST) | | | | |
| **Standing Guide Reference:** | | | Study as per K. Prystay - Generation Pattern 1 and 3 (Summer 301- 553 MW's) | | | | |

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| **Description of Work:** | K22W – 230 kV Line will be out of service for Insulation and Mechanical checks on 115 kV Breaker R80 insulation checks on Sync Pot and PB88. Maintenance on PLC, wavetraps and teleprotection at Whiteshell.  WT34 – Clearance needed for the installation of tower footings for the new tower for the new Riel electrode Line.  Seven Sisters – Units 1, 2, 3, 115 kV Lines SR3/SW3, SG12, SW2, and Bus Section 2 & 3 will be open for Black Start testing. |





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| **Special Instructions to MHEB Operator:** | **Export**:  If RTCA indicates that the loss of SW1, will cause an overload on SW4 or vice versa, then the transfer from IESO may need to be curtailed.   **Import**: The transfer from IESO may need to be curtailed to maintain 116 kV Bus voltage at Seven Sisters. |

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| **MISO North RC Notes:** | MH\_ONT\_E (Export) Transfer Limit = 112 MW  MH\_ONT\_W (Import) Transfer Limit = 47 MW  MH\_ONT\_E (Export) Transfer Limit During Offloads = 0 MW  MH\_ONT\_W (Import) Transfer Limit During Offloads = 0 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 08 23 |

Copies to:

SOSS, System Control Centre NSSS, System Control Centre

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Operating Order Ontario IESO

MISO – St. Paul MHEB OASIS

File 240801