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| O.O. | ***17-00223***  ***17-03911*** | | | MISO No | ***1-13279562***  ***1-13342111*** | File No. | 240801 |
| **Abnormal Operating Condition:** | | 230 kV Line M33R (Riel – Ridgeway – Transcona East)  500 - 230 – 46kV Bank T71 (Riel) | | | | | |
| **Effective Dates:** | | | 2017-05-20 from 0300 to 2017-05-28 at 2200 CST  (2017-05-20 from 0300 to 2017-05-28 at 2200 EST) | | | | |
| **Standing Guide Reference:** | | | Study as per L. Ruchkall - Generation Pattern 1 (Summer 451- 553 MW's) | | | | |

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| **Description of Work:** | M33R – Riel Protection and Commissioning work on 230 kV Breakers R10, R11 R9 and M.O.Disconnect F1.  T71 – Riel 500 - 230 - 46kV Bank is required out of service for Siemens Canada to modify T71 fire system H.A.D. cable shield grounds. Repair defective structure lights above T71 A, B & C phase transformers, and clean T71 A, B & C phase transformer cooler radiators. |





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| **Special Instructions to MHEB Operator:** | **Export**:  If RTCA indicates that the loss of SR3 will cause an overload on SG12, or the loss of K21W will cause an overload on Whiteshell Bank 8 or the loss of K22W will cause an overload on Whiteshell Bank 7, 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 = 222 MW  MH\_ONT\_W (Import) SOL = 195 MW  MH\_ONT\_E (Export)\_Transfer Limits\_SOL\_During\_Offloads = 140 MW  MH\_ONT\_W (Import)\_Transfer Limits\_SOL\_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 05 18 |

Copies to:

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Operating Order Ontario IESO

MISO – St. Paul MHEB OASIS

File 240801