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| O.O. | ***17-00225***  ***17-00275***  **17-06388**  **17-07313** | | | MISO No | ***1-13910855***  ***1-14060739***  **1-14111472**  **1-14332344** | File No. | 240801 |
| **Abnormal Operating Condition:** | | 230 kV Line M86V (Riel – St.Vital)  115 kV Line TV1 (Transcona – St. Vital)  115 kV Line GS22 (Great Falls to Selkirk) | | | | | |
| **Effective Dates:** | | | 2017-07-08 from 0700 to 2017-07-08 at 1600 CDT  (2017-07-08 from 0700 to 2017-07-08 at 1600 EST) | | | | |
| **Standing Guide Reference:** | | | Study as per L. Zhu - Generation Pattern 1 and 3 (Summer 301- 553 MW's) | | | | |

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| **Description of Work:** | M86V – Riel Protection and Commissioning work on 230 kV Breakers R18, R19.  TV1 – Transcona 115 kV Breaker TV1 Line Disconnect corrective, and Bushing replacement. St. Vital 115 kV Breaker TV1 Insulation checks, mechanical checks, and Line Disconnect hot spot repair.  GS22 – Selkirk G.S. 115 kV Breakers R10 and R11 are open for protection maintenance and testing. 115 kV Line GS22 is open ended. |





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| **Special Instructions to MHEB Operator:** | **Export**:  If RTCA indicates that the loss of K21W, will cause an overload on Bank 8, loss of K22W, will cause an overload on Bank 7, transfer from IESO may need to be curtailed.   **Import**: If RTCA indicates that the loss of TP65 will cause overload on TV2, transfer from IESO may need to be curtailed. |

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| **MISO North RC Notes:** | MH\_ONT\_E (Export) Transfer Limit = 216 MW  MH\_ONT\_W (Import) Transfer Limit = 172 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 07 07 |

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