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| O.O. | ***17-00225***  ***17-04657***  ***17-07699*** | | | MISO No | ***1-13910855***  ***1-14193139***  ***1-14418412*** | File No. | 240801 |
| **Abnormal Operating Condition:** | | 230 kV Line M86V (Riel – St.Vital)  230 kV Line D5R (Dorsey – Rosser)  115 kV Line CR2 (Parkdale - Rosser) | | | | | |
| **Effective Dates:** | | | 2017-07-27 from 0830 to 2017-07-27 at 1600 CDT  (2017-07-27 from 0830 to 2017-07-27 at 1600 EST) | | | | |
| **Standing Guide Reference:** | | | Study as per W. Zhang - 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.  D5R – Installion of new concrete pad for 230 kV D5R Sync Pot, insulation tests on Line/Sync Pot Banks.  CR2 – AMD and insulationing testing 115 kV Breaker CR2 C.T.s. |





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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, or the loss of SR3 will cause an overload on SG12, transfer from IESO may need to be curtailed.   **Import**: 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, or the loss of ST6 will cause overload on WT34, transfer from IESO may need to be curtailed. |

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| **MISO North RC Notes:** | MH\_ONT\_E (Export) Transfer Limit = 225 MW  MH\_ONT\_W (Import) Transfer Limit = 225 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 18 |

Copies to:

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Operating Order Ontario IESO

MISO – St. Paul MHEB OASIS

File 240801