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| O.O. | ***17-00224***  ***17-00275*** | | | MISO No | ***1-13503240***  ***1-14060739*** | File No. | 240801 |
| **Abnormal Operating Condition:** | | 230 kV Line M32R (Riel – Ridgeway – Transcona East)  115 kV Line TV1 (Transcona – St. Vital) | | | | | |
| **Effective Dates:** | | | 2017-07-04 from 0830 to 2017-07-06 at 1630 CST  (2017-07-04 from 0830 to 2017-07-06 at 1630 EST) | | | | |
| **Standing Guide Reference:** | | | Study as per L. Ruchkall and K. Prystay - Generation Pattern 1 and 3 (Summer 301- 553 MW's) | | | | |

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| **Description of Work:** | M32R – Riel Protection and Commissioning work on 230 kV Breakers R15, R16 and M.O.Disconnect T51.  TV1 – Transcona 115 kV Breaker TV1 Line Disconnect corrective, and Bushing replacement. St. Vital 115 kV Brealer TV1 Insulation checks, mechanical checks, and Line Disconnect hot spot repair. |





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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 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) SOL = 225 MW  MH\_ONT\_W (Import) SOL = 182 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 06 26 |

Copies to:

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Operating Order Ontario IESO

MISO – St. Paul MHEB OASIS

File 240801