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| O.O. | ***16-01989***  **16-00153**  **16-11207** | | | MISO No | ***1-11225810***  ***1-11416139***  **1-11416140** | File No. | 240801 |
| **Abnormal Operating Condition:** | | 230 kV Line M33R (Riel – Transcona East - Ridgeway)  115 Kv Bus Sections 2 & 3 (Seven Sisters)  115KV BREAKER 56 (SW3) (Seven Sisters only)  115 kV Line SG12 – (Seven Sisters only)  115 kV Line SW2 (Seven Sisters only)  Generator 1, 2 & 3 (Seven Sisters) | | | | | |
| **Effective Dates:** | | | 2016-09-15 from 0800 to 2016-09-15 at 1400 CST  (2016-09-15 from 0800 to 2016-09-15 at 1400 EST) | | | | |
| **Standing Guide Reference:** | | | System Study as per L. Ruchkall - Generation Pattern 3 (Summer 301- 450 MW's) | | | | |

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| **Description of Work:** | M33R – Commission Ridgeway 230 kV Breaker R4, Change M33R Relay Setttings. Inspect/repair Ridgeway M33R Line/Ground Disconnects, address hotspots on M33R MOD, investigate limit switch on D16B, top up R16 SF6.  Seven Sisters Units 1, 2, 3 – Black Start Testing on 115 kV Bus. |





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| **Special Instructions to MHEB Operator:** | **Export**:  If RTCA indicates that the loss of F3M, PC3 or PC4 will cause overloads on SR3, or if RTCA indicates that the loss of SW1 causes overloads on SW4 or vice versa, transfer from IESO may need to be curtailed.   **Import**: If RTCA indicates that the loss of SB14 will cause overloads on Transcona 115/66 kV Bank 1, transfer from IESO may need to be curtailed. Phase shifters in the CDCC area may also be adjusted to help mitigate the overload. |

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| **MISO North RC Notes:** | MH\_ONT\_E (Export) SOL = 185 MW  MH\_ONT\_W (Import) SOL = 216 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:** | S. Brooks | **Date:** | 2016 09 09 |

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