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| O.O. | ***17-06488***  ***17-06121***  ***17-05325*** | | | MISO No | ***1-14697185***  ***1-14865492***  ***1-14932994*** | File No. | 240801 |
| **Abnormal Operating Condition:** | | 230 kV Line K21W (Kenora – Whiteshell)  230 kV Line D13R (Dorsey – Rosser)  115 kV Line GS22 (Great Falls - Selkirk)  115 kV Line SG12 (Great Falls – Lac Du Bonnet) | | | | | |
| **Effective Dates:** | | | 2017-09-13 from 0400 to 2017-09-13 at 2200 CDT  (2017-09-13 from 0400 to 2017-09-13 at 2200 EST) | | | | |
| **Standing Guide Reference:** | | | Study as per K. Prystay - Generation Pattern 1, 3 and 5 (Summer 166- 553 MW's) | | | | |

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| **Description of Work:** | K21W – 230 kV Line will be out of service for Insulation and Mechanical checks on 115 kV Breaker R70 insulation checks on Sync Pot and PB87. Maintenance on PLC, wavetraps and teleprotection at Whiteshell.  D13R – Civil Construction will be pouring concrete pads. AMD will be putting in a new box and wiring for the line PT. Bank 4 insulation checks, BK4 arrestor repair, BK4 CT conduit replacement.  GS22 & SG12 115 kV Lines will be out of service for Six year maintenance, and protection testing for NERC compliance at Great Falls. |





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| **Special Instructions to MHEB Operator:** | **Export**:  1) Limit generation at Great Falls Generating Station to respect, GP1’s rating for the loss of GS21 or to respect GS21’s rating for the loss of GP1. Ambient rating may be considered if necessary.  2) If RTCA indicates for the loss of GS21 will cause an overload on SR3, then the transfer from IESO may need to be curtailed.  **Import**: 1) Limit generation at Great Falls Generating Station to respect, GP1’s rating for the loss of GS21 or to respect GS21’s rating for the loss of GP1. Ambient rating may be considered if necessary.  2) If RTCA indicates for the loss of WT34 will cause an overload on ST5 or if Whiteshell Bank 8 is in overload state, then the transfer from IESO may need to be curtailed. |

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| **MISO North RC Notes:** | MH\_ONT\_E (Export) Transfer Limit = 142 MW  MH\_ONT\_W (Import) Transfer Limit = 114 MW  MH\_ONT\_E (Export) Transfer Limit During Offloads = 0 MW  MH\_ONT\_W (Import) Transfer Limit During Offloads = 0 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 09 08 |

Copies to:

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Operating Order Ontario IESO

MISO – St. Paul MHEB OASIS

File 240801