

Great Lakes Gas Transmission Company

Tentative Schedule of Planned Maintenance

Wednesday, September 23, 2015 to Saturday, November 07, 2015

| Start | End | Station | Unit | Description |
|-------|-------|----------------------|------|---|
| 11/1 | 12/31 | 12 Farwell | YARD | CS-12 Gas Aftercooler out of service |
| 11/20 | 12/31 | 01 Saint Vincent | YARD | St. Vincent Aftercoolers Shutdown |
| 11/20 | 12/31 | 02 Thief River Falls | YARD | Thief River Falls Aftercoolers Shutdown |
| 11/20 | 12/31 | 03 Shevlin | YARD | Shevlin Aftercoolers Shutdown |
| 11/20 | 12/31 | 04 Deer River | YARD | Deer River Aftercoolers Shutdown |
| 11/20 | 12/31 | 07 Wakefield | YARD | Wakefield Aftercoolers Shutdown |
| 11/20 | 12/31 | 06 Iron River | YARD | Iron River Aftercoolers Shutdown |
| 11/20 | 12/31 | 05 Cloquet | YARD | Cloquet Aftercoolers Shutdown |
| 1/1 | 12/31 | Northern Lake GL | | Floodwood De-Rate |
| 1/31 | 12/31 | 13 Otisville | YARD | GLGT CS-13 gas aftercooler outage |
| 4/23 | 3/1 | 12 Farwell | UA04 | SAGVA GLGT CS-12 Unit 1204 outage |
| 5/5 | 5/3 | 03 Shevlin | UA01 | Shevlin U301 jet removed for U702 |
| 6/20 | 6/18 | 07 Wakefield | UA01 | Wakefield U701 Exhaust Issues |
| 6/20 | 6/18 | 04 Deer River | UA01 | Deer River U401 Exhaust Issues |
| 6/20 | 6/18 | 03 Shevlin | UA02 | Shevlin U302 Exhaust Issues |
| 6/20 | 6/18 | 05 Cloquet | UA02 | Cloquet U502 Grout Failure |
| 7/30 | 7/29 | 02 Thief River Falls | UA01 | Thief River Falls U201 Exhaust Issues |
| 7/30 | 7/29 | 02 Thief River Falls | UA02 | Thief River Falls U202 Exhaust Issues |
| 8/29 | 12/31 | 11 Boyne Falls | YARD | CS11: Boyne Falls Aftercoolers Shutdown |
| 8/29 | 12/31 | 10 Naubinway | YARD | CS10: Naubinway Aftercoolers Shutdown |
| 10/28 | 10/31 | 04 Deer River | UA02 | Deer River U402 Exh. Collector Removed |
| 1/13 | 3/31 | 13 Otisville | UA03 | GLGT CS-13 Unit 1303 outage |
| 2/10 | 12/31 | 12 Farwell | UA05 | GLGT CS-12 Unit 1205 20 K inspection |
| 7/14 | 9/30 | 05 Cloquet | UA03 | Cloquet U503 Alignment |
| 9/5 | 10/31 | Northern Lake GL | | St Vincent MLV Sec 1-0 to 1-1 Line 200 |
| 9/14 | 9/23 | Blue Lake GLGT, | | Outage for SCC Digs 6, & 14 |
| 9/18 | 9/25 | Birch Run MS | | GLGT BirchRun MS outage |
| 9/23 | 10/2 | Blue Lake GLGT, | | DIG 2014. EXT 17 & 18 |

Note: Daily throughput restrictions relating to scheduled maintenance are dependent on actual operating conditions on the pipeline.

Wednesday, September 23, 2015

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|-------|-------|----------------------|------|--|
| 9/23 | 10/2 | Blue Lake GLGT, | | Dig SCC #3 Dig SCC 03 MLV 8-4 to CS9 |
| 9/23 | 9/23 | Northern Lake GL | | GLGT 200 CS1-CS2 Cleaning Pig Run |
| 9/24 | 9/24 | Northern Lake GL | | GLGT 200 CS1-CS2 Gauge Pig Run |
| 9/25 | 9/25 | Northern Lake GL | | GLGT 200 CS1-CS2 ILI Pig Run |
| 9/26 | 9/26 | Northern Lake GL | | Pig Run CS1-CS2 L200 second run |
| 9/28 | 9/28 | 10 Naubinway | SUPP | *CS10: Gas Detector Calibrations |
| 9/29 | 9/29 | Northern Lake GL | | GLGT 100 CS2 to CS3 Cleaning Pig Run |
| 9/30 | 9/30 | Watermeet MS | | Watersmeet M/S: PD Meter Proofing |
| 9/30 | 9/30 | Marenisco MS | | Marenisco M/S: PD Meter Proofing Meter 2 |
| 9/30 | 9/30 | Northern Lake GL | | GLGT 100 CS2 to CS3 Gauge Pig Run |
| 9/30 | 9/30 | Marenisco MS | | Marenisco M/S: PD Meter Proofing Meter 1 |
| 10/1 | 10/1 | Floodwood MS | | *Floodwood M/S: PD Meter Proofing |
| 10/1 | 10/1 | Northern Lake GL | | GLGT 100 CS2 to CS3 ILI Pig Run |
| 10/1 | 10/1 | 02 Thief River Falls | UA01 | *Newfolden U201 Test Run |
| 10/1 | 10/1 | 07 Wakefield | UA02 | *Wakefield U702 Test Run Online |
| 10/1 | 10/1 | 02 Thief River Falls | UA02 | *Newfolden U202 Test Run |
| 10/2 | 10/2 | 04 Deer River | UA01 | *Deer River U401 Test Run |
| 10/2 | 10/2 | 03 Shevlin | UA02 | *Shevlin U302 Test Run Idle |
| 10/5 | 10/5 | Cohasset MS | | *Cohasset M/S: PD Meter Proofing |
| 10/5 | 10/14 | 08 Crystal Falls | UA01 | *Crystal Falls U801: Exhaust Replacement |
| 10/6 | 10/6 | Watermeet MS | | *Cass Lake M/S: PD Meter Proofing |
| 10/6 | 10/6 | Deer River MS | | *Deer River M/S: PD Meter Proofing |
| 10/13 | 10/20 | Northern Lake GL | | *GLGT Sect 4-1-1 Line 100 Integrity Dig |
| 10/13 | 10/13 | 05 Cloquet | | *Cloquet CS5 ESD Test |
| 10/14 | 10/14 | 07 Wakefield | | *Wakefield CS7 ESD Test |
| 10/15 | 10/15 | 01 Saint Vincent | UA01 | *St Vincent U101 Crank Roll |
| 10/15 | 10/15 | 01 Saint Vincent | UA02 | *St Vincent U102 Crank Roll |
| 10/15 | 10/15 | 01 Saint Vincent | UA03 | *St Vincent U103 Crank Roll |
| 10/15 | 10/15 | 01 Saint Vincent | UA04 | *St Vincent U104 Crank Roll |
| 10/20 | 10/20 | 05 Cloquet | UA01 | *Cloquet U501 Emission Test |
| 10/21 | 10/21 | 08 Crystal Falls | UA02 | *Crystal Falls U802 Soakwash |
| 10/26 | 10/30 | Grand Rapids MS | | *Grand Rapids M/S RTU Upgrade |

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|--------------|------------|------------------|-------------|---|
| 10/27 | 10/27 | 08 Crystal Falls | | *Crystal Falls Station Inverter Failure |
| 10/29 | 10/29 | Northern Lake GL | | *GLGT 100 CS1-CS2 Cleaning Pig Run |
| 10/30 | 10/30 | Northern Lake GL | | *GLGT 100 CS1-CS2 Gauge Pig Run |
| 11/2 | 11/2 | Northern Lake GL | | *GLGT 100 CS1-CS2 ILI Pig Run |
| 11/4 | 11/4 | 13 Otisville | | *Otisville station outage for ESD test |

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