

| Southern Star 2019 Planned Service Outage |                      |                                 |                          |                                                                                         |                     | <a href="#">Historical Average ID3 Scheduled Volume</a>                                                                                                                                   |                                                                                                                                                 |                                                                                                                         |
|-------------------------------------------|----------------------|---------------------------------|--------------------------|-----------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Work Activity                             |                      |                                 |                          |                                                                                         |                     | Operational Capacity Information                                                                                                                                                          |                                                                                                                                                 |                                                                                                                         |
| Status                                    | Projected Start Date | Projected Return to Normal Date | Location(s)              | Type of Work                                                                            | Map                 | Capacity After Reduction                                                                                                                                                                  | % Reduction from Normal Operational Capacity                                                                                                    | Constraint Area(s)                                                                                                      |
|                                           | May 14, 2019         | June 29, 2019                   | Riner C/S                | Riner Unit Maintenance                                                                  | <a href="#">Map</a> | 159,695 Dth/d Riner Station (Location 445569)                                                                                                                                             | 18% Reduction - (Location 445569)                                                                                                               | Rawlins Hesston                                                                                                         |
|                                           | June 3, 2019         | June 21, 2019                   | Peculiar C/S             | Peculiar Unit Maintenance                                                               | <a href="#">Map</a> | 200,000 Dth/d Sedalia @ Ottawa (Location 442350)                                                                                                                                          | 13% Reduction - (Location 442350)                                                                                                               | Sedalia, Carrollton                                                                                                     |
|                                           | June 3, 2019         | June 11, 2019                   | Welda C/S                | Welda Station Modifications and Filter Sperator Install                                 | <a href="#">Map</a> | 275,000 Dth/d Hesston CS (Location 445536)<br>430,000 Dth/d Blackwell CS (Location 445511)<br>20,000 Dth/d TIGT Glavin (Location 16593)<br>10,000 Dth/d TIGT Sugar Creek (Location 16592) | 57% Reduction - (Location 445536)<br>34% Reduction - (Location 445511)                                                                          | Kansas Hugoton, Rawlins Hesston, Straight Blackwell, Canadian Blackwell, Blackwell Edmond, South Edmond, Oklahoma Other |
| NEW                                       | June 19, 2019        | June 21, 2019                   | Yuma C/S                 | Unit Maintenance                                                                        | <a href="#">Map</a> | 165,000 Dth/d Levant Station (Location 445577)                                                                                                                                            | 15% Reduction - (Location 445577)                                                                                                               | Rawlins Hesston                                                                                                         |
|                                           | June 24, 2019        | June 29, 2019                   | Hoxie C/S                | Hoxie Unit Painting                                                                     | <a href="#">Map</a> | 165,000 Dth/d Levant Station (Location 445577)                                                                                                                                            | 15% Reduction - (Location 445577)                                                                                                               | Rawlins Hesston                                                                                                         |
| NEW                                       | June 26, 2019        | June 28, 2019                   | Otis C/S to Hesston C/S  | Smart Pig Run                                                                           | <a href="#">Map</a> | 55,000 Dth/d Levant Station (Location 445577)<br>0 Dth/d ANR Alden (Location 35515)<br>0 Dth/d KGST Alden (Location 208)<br>0 Dth/d NGPL Barton (Location 121415)                         | 71% Reduction - (Location 445577)<br>100% Reduction - (Location 35515)<br>100% Reduction - (Location 208)<br>100% Reduction - (Location 121415) | Rawlins Hesston                                                                                                         |
|                                           | July 16, 2019        | July 18, 2019                   | Ratliff C/S              | Ratliff Unit Maintenance                                                                | <a href="#">Map</a> | 40,000 Dth/d NGPL Carter County (Location 17069)                                                                                                                                          | 53% Reduction - NGPL Carter County (Location 17069)                                                                                             | South of Edmond                                                                                                         |
| NEW                                       | July 17, 2019        | July 19, 2019                   | Logan Co, OK             | Pipeline Maintenance                                                                    | <a href="#">Map</a> | 0 Dth/d West Edmond (Location 444001)<br>0 Dth/d Superior Cashion (Location 16857)<br>0 Dth/d DCP Kingfisher (Location 12723)                                                             | 100% Reduction - (Location 444001)<br>100% Reduction - (Location 16857)<br>100% Reduction - (Location 12723)                                    | West Edmond                                                                                                             |
|                                           | August 5, 2019       | August 9, 2019                  | Riner C/S                | Modernization AMOT Temperature Control Valve Installation                               | <a href="#">Map</a> | 85,000 Dth/d Riner Station (Location 445569)                                                                                                                                              | 56% Reduction - (Location 445569)                                                                                                               | Rawlins Hesston                                                                                                         |
|                                           | September 3, 2019    | September 27, 2019              | St. Francis and Otis C/S | St. Francis Unit Maintenance and Modernization St. Francis / Otis NEC Panel Replacement | <a href="#">Map</a> | 165,000 Dth/d Levant Station (Location 445577)                                                                                                                                            | 15% Reduction - (Location 445577)                                                                                                               | Rawlins Hesston                                                                                                         |
|                                           | September 9, 2019    | September 14, 2019              | Saginaw C/S              | Saginaw Unit Maintenance                                                                | <a href="#">Map</a> | 200,000 Dth/d Saginaw Station (Location 444550)                                                                                                                                           | 17% Reduction - (Location 444550)                                                                                                               | Springfield, Jane                                                                                                       |
|                                           | September 16, 2019   | September 21, 2019              | Peculiar C/S             | Peculiar Unit Maintenance                                                               | <a href="#">Map</a> | 200,000 Dth/d Sedalia @ Ottawa (Location 442350)                                                                                                                                          | 13% Reduction - (Location 442350)                                                                                                               | Sedalia, Carrollton                                                                                                     |
|                                           | September 17, 2019   | September 26, 2019              | Edmond C/S               | Edmond Unit Maintenance                                                                 | <a href="#">Map</a> | 100,000 Dth/d Edmond Station (Location 445535)                                                                                                                                            | 23% Reduction - (Location 445535)                                                                                                               | South of Edmond, Oklahoma Other                                                                                         |
|                                           | October 1, 2019      | November 1, 2019                | Saginaw C/S              | Saginaw Turbine Maintenance and Modernization Upgrades                                  | <a href="#">Map</a> | 150,000 Dth/d Saginaw Station (Location 444550)                                                                                                                                           | 37% Reduction - (Location 444550)                                                                                                               | Springfield, Jane                                                                                                       |

| Work Activity |                      |                                 |                             |                                                                                                                                                   |                     | Operational Capacity Information                                                                                                                                                                 |                                                                                                           |                                                                                        |
|---------------|----------------------|---------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Status        | Projected Start Date | Projected Return to Normal Date | Location(s)                 | Type of Work                                                                                                                                      | Map                 | Capacity After Reduction                                                                                                                                                                         | % Reduction from Normal Operational Capacity                                                              | Constraint Area(s)                                                                     |
|               | September 24, 2019   | November 1, 2019                | Levant C/S and Yuma C/S     | Levant Unit Maintenance, Modernization NEC Panel Replacement, Painting and Yuma Unit Maintenance, Modernization Install of Electronic Fuel Checks | <a href="#">Map</a> | 165,000 Dth/d Levant Station (Location 445577)                                                                                                                                                   | 15% Reduction - (Location 445577)                                                                         | Rawlins Hesston                                                                        |
|               | October 1, 2019      | October 8, 2019                 | Blackwell C/S               | Blackwell Unit Maintenance                                                                                                                        | <a href="#">Map</a> | 420,000 Dth/d Blackwell West (Location 449000)<br>100,000 Dth/d Edmond Blackwell (Location 443800)<br><b>(If turbine is in service, posting will be removed due to no impact to customers)</b>   | 15% Reduction - (Location 449000)<br>23% Reduction- (Location 443800)                                     | Straight Blackwell, Canadian Blackwell, Blackwell Edmond, Oklahoma Other               |
|               | October 1, 2019      | October 3, 2019                 | Ratliff C/S                 | Ratliff Unit Maintenance                                                                                                                          | <a href="#">Map</a> | 40,000 Dth/d NGPL Carter County (Location 17069)                                                                                                                                                 | 53% Reduction - NGPL Carter County (Location 17069)                                                       | South of Edmond                                                                        |
|               | October 1, 2019      | October 3, 2019                 | Montezuma C/S               | Modernization - Replace PLC's at Montezuma                                                                                                        | <a href="#">Map</a> | 250,000 Dth/d Kansas Hugoton (441300)                                                                                                                                                            | 35% Reduction - (Location 441300)                                                                         | Kansas Hugoton                                                                         |
|               | October 8, 2019      | October 9, 2019                 | Edmond C/S                  | Edmond ESD Testing                                                                                                                                | <a href="#">Map</a> | 20,000 Dth/d Edmond CS (Location 445535)<br>0 Dth/d West Edmond CS (Location 444001)<br>0 Dth/d Oklahoma Cogen (Location 41)                                                                     | 85% Reduction - (Location 445535)<br>100% Reduction - (Location 444001)<br>100% Reduction - (Location 41) | South of Edmond, Oklahoma Other                                                        |
|               | October 15, 2019     | October 22, 2019                | Blackwell C/S               | Blackwell Unit Maintenance                                                                                                                        | <a href="#">Map</a> | 420,000 Dth/d Blackwell West (Location 449000)<br>100,000 Dth/d Edmond Blackwell (Location 443800)<br><b>(If turbine is in service, posting will be removed due to no impact to customers)</b>   | 15% Reduction - (Location 449000)<br>23% Reduction- (Location 443800)                                     | Straight Blackwell, Canadian Blackwell, Blackwell Edmond, Oklahoma Other               |
|               | October 23, 2019     | October 24, 2019                | Blackwell C/S & Grabham C/S | Blackwell North Station ESD Testing & Grabham Station ESD Testing                                                                                 | <a href="#">Map</a> | 320,000 Dth/d Blackwell CS (Location 445511)                                                                                                                                                     | 49% Reduction - (Location 445511 )                                                                        | Straight Blackwell, Canadian Blackwell, Blackwell Edmond, South Edmond, Oklahoma Other |
|               | October 24, 2019     | October 25, 2019                | Blackwell C/S               | Blackwell South Station ESD Testing                                                                                                               | <a href="#">Map</a> | 320,000 Dth/d Blackwell West (Location 449000)<br>100,000 Dth/d Edmond Blackwell (Location 443800)                                                                                               | 35% Reduction - (Location 449000)<br>23% Reduction- (Location 443800)                                     | Straight Blackwell, Canadian Blackwell, Blackwell Edmond, Oklahoma Other               |
|               | November 4, 2019     | November 12, 2019               | Blackwell C/S               | Blackwell Unit Maintenance                                                                                                                        | <a href="#">Map</a> | 290,000 Dth/d Blackwell West (Location 449000)<br>420,000 Dth/d Blackwell Station (Location 445511 )<br><b>(If turbine is in service, posting will be removed due to no impact to customers)</b> | 40% Reduction - (Location 449000)<br>28% Reduction - (Location 445511)                                    | Straight Blackwell, Canadian Blackwell, Blackwell Edmond, South Edmond, Oklahoma Other |
|               | December 3, 2019     | December 10, 2019               | Blackwell C/S               | Blackwell Unit Maintenance                                                                                                                        | <a href="#">Map</a> | 290,000 Dth/d Blackwell West (Location 449000)<br>420,000 Dth/d Blackwell Station (Location 445511 )<br><b>(If turbine is in service, posting will be removed due to no impact to customers)</b> | 40% Reduction - (Location 449000)<br>28% Reduction - (Location 445511)                                    | Straight Blackwell, Canadian Blackwell, Blackwell Edmond, South Edmond, Oklahoma Other |



