

Pipeline Classification:	Transmission
Pipeline Nameplate Rating:	246 TJ/d

Pipeline Receipt Points:	Name	Connected Facility
	Moomba Receipt	Gas Production
	QSN Receipt	Transmission (Pipeline)
	SEAGAS Receipt Point - PP	Transmission (Pipeline)

Pipeline Delivery Points:	Name	Connected Facility
	Amcor	Industrial & Commercial
	Angaston ABC	Industrial & Commercial
	Angaston Riverland	Transmission (Pipeline)
	Angaston Town	Local Distribution
	Beverley	Industrial & Commercial
	Burra	Industrial & Commercial
	Dry Creek	Power Generation
	Elizabeth	Local Distribution
	Freeling	Local Distribution
	Frost Road	Industrial & Commercial
	Gepps Cross	Local Distribution
	Hallett	Power Generation
	Symes Rd (Hi-Tech Hydroponics)	Industrial & Commercial
	Mintaro	Power Generation
	Moomba Delivery	Gas Production
	Nuriootpa	Local Distribution
	Osborne	Power Generation
	Pacific Salt	Industrial & Commercial
	Pelican Pt	Power Generation
	Peterborough	Local Distribution
	Port Bonython	Industrial & Commercial
	Port Pirie	Local Distribution
	Quarantine	Power Generation
	Sheoak Log	Local Distribution
	Tanunda	Local Distribution
	Taperoo	Local Distribution
	Torrens Island Power Station (TIPS)	Power Generation
	Virginia	Local Distribution
	Wasleys Metro Farms	Industrial & Commercial
	Whyalla BHP	Industrial & Commercial
	Whyalla Cogen	Power Generation
	Whyalla Town	Local Distribution

Characteristics affecting pipeline access:

Pipeline Receipt Point Capacity*:	Moomba Receipt	435 TJ
	QSN Receipt	450 TJ
	SEAGAS Receipt Point - PP	105 TJ

* Note that these figures are engineering design values for the physical connection points, not pipeline capacity

Service Usage Information:	December 2018
Actual Total Receipts:	3,856 TJ
Actual Total Deliveries:	3,776 TJ
Scheduled Total Receipts:	4,016 TJ
Scheduled Total Deliveries:	4,008 TJ
Firm Total Scheduled Deliveries:	3,863 TJ
Authorised Overrun Total Scheduled Deliveries:	139 TJ
Interruptible Total Scheduled Deliveries:	6 TJ
Firm Park Service Total Scheduled Receipts:	14 TJ
Firm Park Service Total Scheduled Deliveries:	19 TJ

Epic endeavours to manage its pipeline operations such that planned maintenance activities do not disrupt customer services. Wherever possible, and without limiting Epic's ability to provide safe and reliable pipeline operations, Epic seeks to engage with customers to plan any works that may directly impact their ability to deliver gas at a particular location.

The following table shows planned maintenance works that may impact capacity on the MAPS and any anticipated impact on service availability for customers.

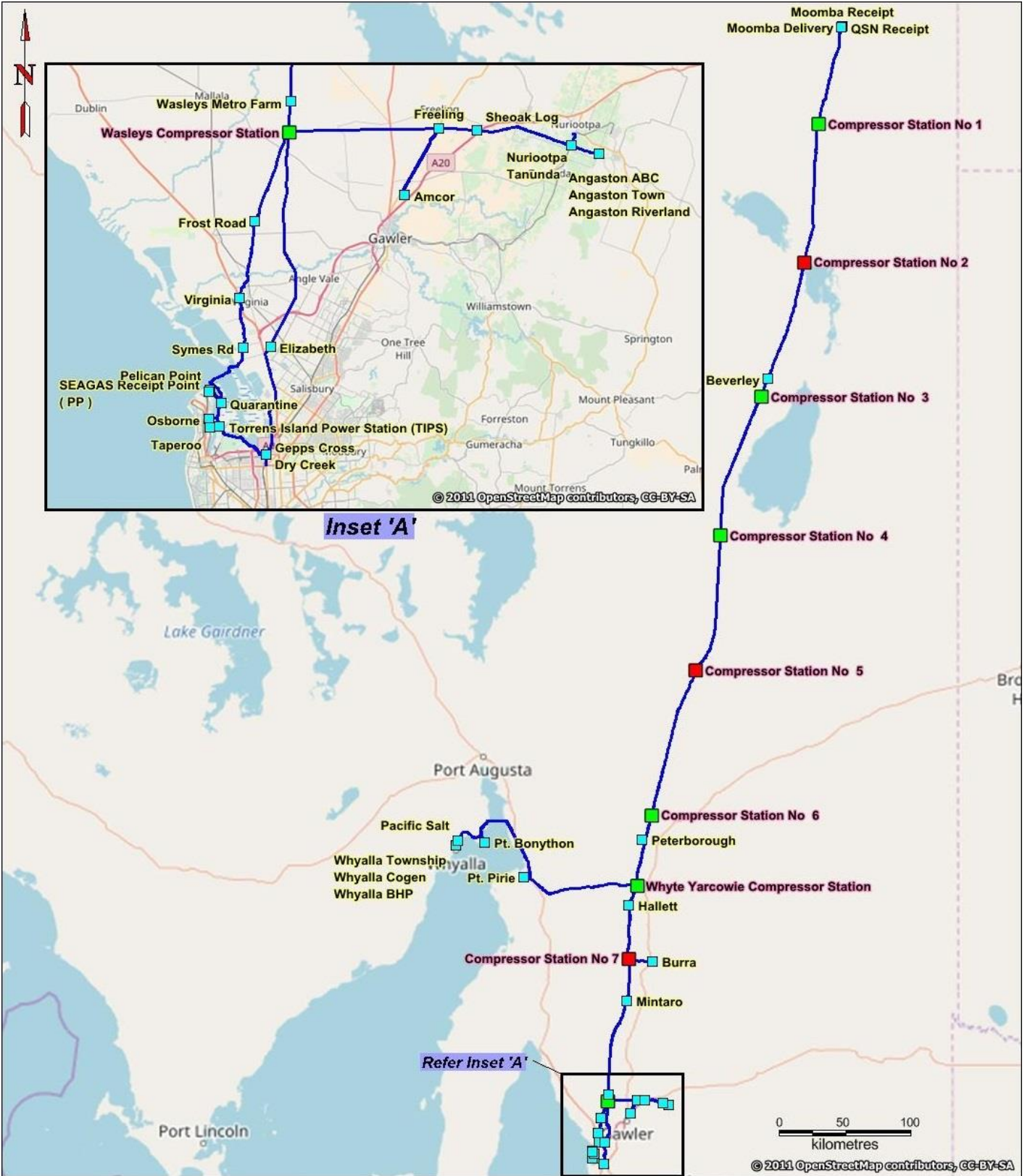
Dated work schedules are produced on a 60 day outlook. Beyond this timeframe Epic's maintenance plan is monthly only. The timing of works is reviewed on an ongoing basis to consider operational and customer requirements, and is subject to change. Any impact to pipeline services is communicated through the process set out in customer contracts. During the planned maintenance non firm services will be limited.

Durations shown below are labour hours taken from Epic's maintenance management system, and are for the total job. The actual duration of works that may directly reduce capacity (e.g. compressor outage or equipment isolation) is typically less than this.

This information is provided in accordance with Part 23 of the National Gas Rules. Details are subject to change.

Projected Service Availability

Description	Start Date	Duration	Details
Relief Valve Checks CS1	Mar 19	40 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Routine Maintenance Compressor Station CS1	Mar 19	20 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Routine Maintenance Compressor Station Whyte Yarcowie	Mar 19	15 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Instrumentation Calibration CS3	Mar 19	10 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Hydraulic System Inspection Wasleys Compressor	Apr 19	8 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Relief Valve Checks CS4	Apr 19	20 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Routine Maintenance Compressor Station CS3	Apr 19	20 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Gas System Calibration CS4	Apr 19	4 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Instrumentation Calibration CS4	Apr 19	10 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Routine Maintenance Compressor Station CS4	Apr 19	20 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Control System Calibration Solar Taurus CS6A	May 19	60 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Routine Maintenance Compressor Station CS6	May 19	32 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Routine Maintenance Compressor Station CS1	Jun 19	20 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Routine Maintenance Compressor Station Whyte Yarcowie	Jun 19	15 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Routine Maintenance Compressor Station CS3	Jul 19	20 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Gas System Calibration CS4	Jul 19	4 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Routine Maintenance Compressor Station CS4	Jul 19	20 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Relief Valve Checks CS3	Jul 19	40 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Instrumentation Calibration CS1	Jul 19	10 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Routine Maintenance Compressor Station CS6	Aug 19	32 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Routine Maintenance Compressor Station CS1	Sep 19	20 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Routine Maintenance Compressor Station Whyte Yarcowie	Sep 19	15 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Station Calibration Whyte Yarcowie	Oct 19	10 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Compressor Station CS3 -Unit B Power Turbine Changeout	Oct 19	80 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Routine Maintenance Compressor Station CS3	Oct 19	20 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Gas System Calibration CS4	Oct 19	4 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Routine Maintenance Compressor Station CS4	Oct 19	20 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Relief Valve Checks CS6	Nov 19	40 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Routine Maintenance Compressor Station CS6	Nov 19	32 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Routine Maintenance Compressor Station CS1	Dec 19	20 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Routine Maintenance Compressor Station Whyte Yarcowie	Dec 19	15 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Routine Maintenance Compressor Station CS3	Jan 20	20 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Gas System Calibration CS4	Jan 20	4 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated
Routine Maintenance Compressor Station CS4	Jan 20	20 h	Job entails activities that impact pipeline capacity, but no disruption to supply is anticipated



LEGEND	
■	Compressor Station (Operational)
■	Compressor Station (Mothballed)
—	Epic Energy MAPS Gas Pipelines
■	Receipt and Delivery Points

COMPANY: Epic Energy
PROJECT: Epic Energy Gas Pipelines
TITLE: MAPS Operational Information Summary
DATE: 8-March-2018
DATA SOURCE: Asbuilt pipeline supplied by Epic Energy Pipeline facilities supplied by Epic Energy 250k Raster Topographic map copyright of Comm of Aust.
Adelaide (Head Office) 26 High Street Dry Creek SA 5094 PH: (08)8343 8100