



Document:

Epic Energy South Australia

Plan

Gas Day Harmonisation Transition Plan

Document No: E-00-000-PL-G-064

Epic Energy South Australia

Gas Day Harmonisation Transition Plan

30 September 2019 – 1 October 2019

Epic's Gas Day Harmonisation Transition Plan: 30 September 2019 – 1 October 2019

- This document describes the activities that Epic is required to perform to facilitate a successful and smooth transition to the harmonised gas day.
- Epic has based its gas market arrangements for transition to the gas day harmonisation market timetable in accordance with the National Gas Rules: Schedule 5, Part 6, Rule 4 and the principles set out in AEMO's 'Gas Day Harmonisation Transition Plan' document, dated 1 April 2019.
- Epic has two natural gas facilities: the MAPS and the SEPS.

Key personnel

Name	Role	Contact details
Josh Row	Manager, Pipeline Control	08 8343 8100

Methodology

- Epic has engaged with its shippers in relation to the prescribed changes for the gas day harmonisation.
- Epic has advised its shippers under the change in law clauses to existing GTAs that change nomination, scheduling and System Use Gas times for the gas day harmonisation plan. Epic has made all shipper GTAs reflect the below timetable.
- All nominations that are due 3pm ACST are now due 2.30pm ACST.
- The timetable for the day-ahead auction is unchanged.
- Epic will keep and maintain MDQ/MHQ limits for the 23.5 hour transition day on 30 September 2019.

Asset	Pre 30/09/19		Transition Gas Day 30/09/19		From 1/10/19	
	GDST	Hours	GDST	Hours	GDST	Hours
MAPS	6am ACST	24	6am ACST	23.5	6am AEST (5.30am ACST)	24
SEPS	6am ACST	24	6am ACST	23.5	6am AEST (5.30am ACST)	24

Timing	Pre 30/09/19		Transition Gas Day 30/09/19		From 1/10/19	
Nomination cut off time	3pm ACST		3pm ACST		3pm AEST (2.30pm ACST)	
Scheduling: Pre-auction	4pm ACST		4pm ACST		4pm AEST (3.30pm ACST)	
Scheduling: Post auction	8.45pm ACST		8.45pm ACST		8.45pm AEST (8.15pm ACST)	
Scheduling: Variation requests	12.30pm ACST 4pm ACST 7pm ACST 10.30pm ACST		12.30pm ACST 4pm ACST 7pm ACST 10.30pm ACST		12.30pm AEST (12pm ACST) 4pm AEST (3.30pm ACST) 7pm AEST (6.30pm ACST) 10.30pm AEST (10pm ACST)	

Interconnected Parties

- Epic is reliant on third parties for metering and other data. Epic is in the process of discussing how to manage this data before the gas day harmonisation.

Asset	Interconnected Facility	Party	Scheduled Reconfiguration Date	Completed Reconfiguration Date
MAPS	QSN	APA	30/9/19	
	Moomba	Santos	30/9/19	
	SEAGas	SEAGas	30/9/19	
	Adelaide Metro	AGN (APA)	30/9/19	
	Elizabeth	AGN (APA)	30/9/19	
	Taperoo	AGN (APA)	30/9/19	
	Gepps Cross	AGN (APA)	30/9/19	
	Angaston Riverland	AGN (APA)	30/9/19	
	Angaston Township	AGN (APA)	30/9/19	
	Freeling	AGN (APA)	30/9/19	
	Nuriootpa	AGN (APA)	30/9/19	
	Tanunda	AGN (APA)	30/9/19	
	Sheoak Log	AGN (APA)	30/9/19	
	Port Pirie	AGN (APA)	30/9/19	
	Whyalla	AGN (APA)	30/9/19	
	Port Bonython	AGN (APA)	30/9/19	
	Whyalla Township	AGN (APA)	30/9/19	
	Whyalla BHP	AGN (APA)	30/9/19	
	Whyalla BHP Cogen	AGN (APA)	30/9/19	
	Virginia MS	AGN (APA)	30/9/19	
	Symes Road MS	AGN (APA)	30/9/19	
	Frost Road	AGN (APA)	30/9/19	
	PPIMS	AGN (APA)	30/9/19	
	Peterborough	AGN (APA)	30/9/19	
	Burra	AGN (APA)	30/9/19	
Wasleys Farm	AGN (APA)	30/9/19		
SEPS	Katnook	APA	30/9/19	
	Mount Gambier	AGN (APA)	30/9/19	
	SESA	APA	30/9/19	

NOTE: Epic Energy do not identify meters by MIRN. Hence this information has not been provided.

Metering Data

- All field metering equipment will be updated to operate in AEST on 1 October 2019. This transition and updates to field devices will commence on 30 September 2019 with the sites having the highest reporting impact prioritised. The field transition is expected to be completed in two days.
- If necessary, meters will be manually adjusted by 30 minutes to comply with the new AEST standardised gas day.
- In all scenarios, if required, we will estimate meter data in accordance with our existing data correction and management processes.

Method of obtaining meter reading data

The following are all the methods Epic use to obtain meter readings:

- Telemetered Data – Data is telemetered from field devices to Epic’s central SCADA system on a continuous basis.
- Manual Metered Data – Some sites are calculated from manual reads taken from the accumulator on-site. These readings are performed once a month.

Method of Completion of Meter Reconfiguration

RTUs – Remote Configurable

- RTUs connected to the Production Environment via Ethernet networks are accessible remotely and as such remote reconfiguration will allow these devices to support the new gas day.
- These devices will have their local date / time adjusted to AEST manually via the appropriate software.
- These devices will be upgraded on 30 September 2019.
- Testing of these sites is not deemed necessary as no logic is being modified within the device itself as the current functionality that provides the hourly metered data will remain unchanged, but will be triggered hourly from AEST.

RTUs – Local Configurable

- For RTUs that cannot be configured remotely, local site attendance will be required. Based on the number of sites and locations, Epic Energy have mobilised the required resources to be able to perform the change on or before 30 September 2019.

RTUs – Third Party Interface

- Epic Energy has a number of sites that receive metered information from a number of external parties. Epic Energy has engaged with all third parties to confirm readiness and alignment of information to the new Gas Day.
- Information provided by Epic to Third Parties are not expected to be impacted with the change of time as the information is streamed live from the RTU.