



PCT Reference Group

17 September 2018

Agenda

1. AER update
2. Introduction
3. Capacity Transfer and Auction Procedures
 1. Auction Agreement
4. Amendments to GSH Exchange Agreement
5. Interface protocol and interface guides
6. GMRG update
7. Other business

AER updates

Introduction

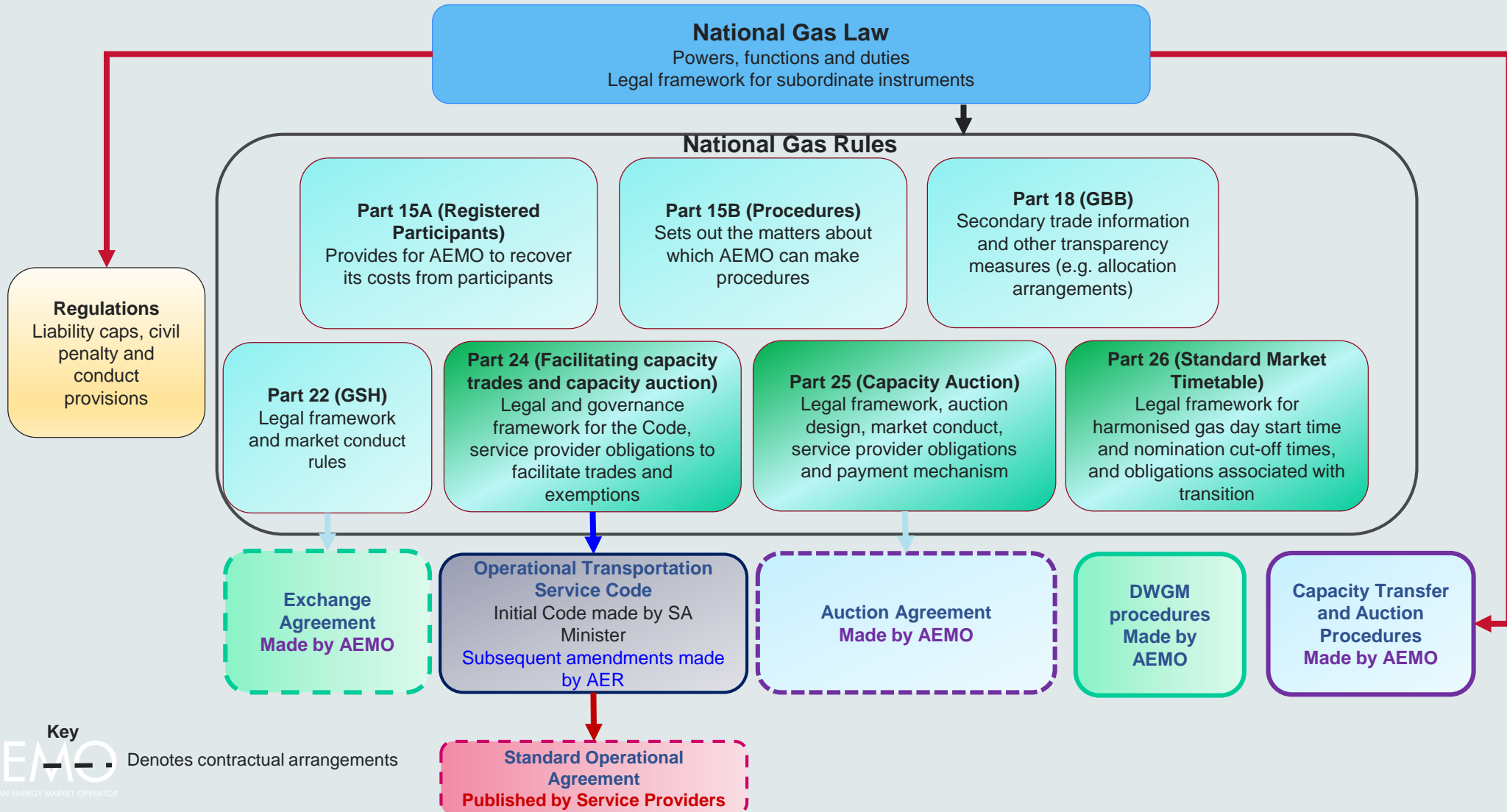
Capacity Trading Reform Package

- A **capacity trading platform (CTP)** that will form part of the gas trading exchange (Gas Supply Hub (GSH)) and provide for:
 - exchange-based trading of commonly traded transportation products (including firm forward haul services, firm park services and firm compression services on stand-alone compressors); and
 - a listing service for other more bespoke products.
- A **day-ahead auction (DAA) of contracted but un-nominated (CBU) capacity**, which will be conducted each day on non-exempt transportation facilities shortly after nomination cut-off and subject to a reserve price of zero. Shippers will be able to use the DAA to procure forward haul transportation services (with separate products offered in both directions on bi-directional pipelines); backhaul services on single direction pipelines (or parts of pipelines) and stand-alone compression services.
- A range of measures to facilitate capacity trading and the DAA, including the development of **standard operational transportation service agreements (standard OTSA)** that will establish the standard contract terms between service providers and shippers for capacity procured through the CTP and DAA.

Capacity Trading Reform Package

- A **reporting framework for secondary capacity trades** and a number of other transparency measures that are designed to facilitate capacity trades and the DAA.
- A **standard market timetable** that provides for:
 - a common gas day start time across the east coast (and Northern Territory once connected to the east coast) that will apply to all production, pipeline, compression and storage facilities and in the facilitated markets; and
 - a common nomination cut-off time and common auction service nomination cut-off time for transportation facilities that will be subject to the capacity trading reforms.

Legal and regulatory instruments



Legal Consultation

Instrument	Comment	Consultation
National Gas Law, Rules and Regulations	Legislative and regulatory amendments to give effect to COAG's pipeline capacity trading reforms.	Consultation completed. COAG approved on 29 June 2018. SA parliament will enact the law and rules.
Capacity Transfer and Auction Procedures (CT&A Procedures)	Procedures for Capacity Trading Platform and Day Ahead Auction.	<i>Public consultation will run until Friday 28 September.</i>
Gas Supply Hub Exchange Agreement (Exchange Agreement)	Existing Agreement for participation in the Gas Trading Exchange. Amendments also made to the Settlement and Prudential Methodology and the Report Specification.	
Auction Agreement	New Agreement for participation in the Day Ahead Auction. The agreement is an appendix to CT&A Procedures.	
Capacity Transfer and Auction Interface Protocol	New protocol that lists the guides containing the specification of data transactions and reports.	
DWGM Procedures BB Procedures	Minor amendments are required to these existing procedures <i>(No changes to STTM procedures required)</i>	
		AEMO will release new version of DWGM accreditation procedures and GBB procedures for consultation in early October.

Public consultation

- New version of procedural documents released for consultation on 22 August.
- Consultation will run until Friday 28 September.
 - Submissions can be made in writing to pct@aemo.com.au
 - Please use the stakeholder feedback template to provide your responses.
- AEMO will make procedures following enactment of the rules.

Documents available via AEMO website - <http://aemo.com.au/Stakeholder-Consultation/Consultations/Capacity-Trading-Reform-Package?Convenor=AEMO%20Gas>

Capacity Transfer and Auction Procedures

Capacity Transfer and Auction Procedures

- Made under the Law, the procedures contain regulation and operation of CTP & DAA.

Division 1 – General

Common to CTP & DAA

2. Registration of TSPs
3. Zones, segments and points
4. Register
5. Facility Agreement Information
6. Interface Protocol

Division 2 – CTP

7. Application of Timetable
8. Trades and transfers
9. STTM & DWGM Integration
10. Termination of primary GTA

Division 3 – Auction

- 12, 13 Participation
14. Admin
15. DAA platform
16. DAA components and solver
17. DAA cancellation or exclusion
18. Running the auction
19. Auction quantities
20. Giving effect to auction results
21. DAA settlement
22. DAA max payment
23. DAA exposure
24. Reporting

Division 4 – Transitional

25. Compression Facility Information
26. Transition Arrangements

Schedules

CTP & DAA timetables

Appendix

Auction Agreement

Registration - Facility Operator

- The facility operator is responsible for all data exchanges with AEMO, and is the entity which receives payments from AEMO for auctioned capacity.
- Interactions with shippers depend on contractual arrangements
- Under NGL, a Transportation Service Provider (TSP)
 - Owns;
 - Operates, or
 - Controls a service
- The TSP must register the facility and the facility operator
 - Unless exempted from doing so

Who registers as a Facility Operator?

- If only one person is a TSP for a facility
 - they must register the **facility** and as **facility operator** for the facility
- If more than one person owns, operates or controls a facility:
 - they must together appoint a **responsible transportation service provider**
 - The responsible TSP must register the **facility** and as **facility operator** for the facility
 - EG Facility A, owned by PipelineCo (60%) and InvestmentCo (40%), and operated by PipelineCo Operations
 - PipelineCo, InvestmentCo and PipelineCo Operations must appoint the responsible TSP (say PipelineCo Operations)
 - PipelineCo Operations then registers the facility and as facility operator
- Timeline for application for registration of facility operators is 20 business days from date NGL gazetted and new rules made.
 - Facility operators need to consider if they need to appoint a responsible TSP, and which entity that

Facility Registration

- The TSP / Responsible TSP needs to register the facility and the facility operator
- The facility operator needs to provide to AEMO and keep up to date details of service points.
 - *Initial work published in the Preliminary Zones Specification Report*
- Details of minimum requirements for:
 - Facilities are included in CTAP 2.1
 - Service points are included in CTAP 3.1
- AEMO will provide more details of requirements in the draft registration guide:
 - At a minimum, the relevant details for facility reports will be needed
 - Transportation Facility Register (Report 7.6)
 - Transportation Service Point Register (Report 7.7)

Market Participants

- Gas Trading Exchange:
 - Trading Participant
 - Trading Participants will have automatic access to physical gas and capacity products on the trading exchange.
 - Existing Trading Participants will not need to update registration for the CTP.
 - CTP Participant
 - New category of Trading Participant that is permitted to trade Capacity products only.
- Auction Agreement:
 - Party enters into Auction Agreement to bid for auction services in the capacity auction.

Appointing an Agent

- Both the Exchange Agreement and the Auction Agreement allow an agent to be appointed by Appointing Members / Participants.
- Appointments may be joint (such as an unincorporated joint venture) or individual (such as under a corporate group).
- Appointing members are jointly and severally liable for the acts of the agent.

Is there interest in providing for a different type of agent appointment where the appointing members are not jointly liable for the acts of the agent (for example, an aggregator acting as agent for unrelated third parties)?

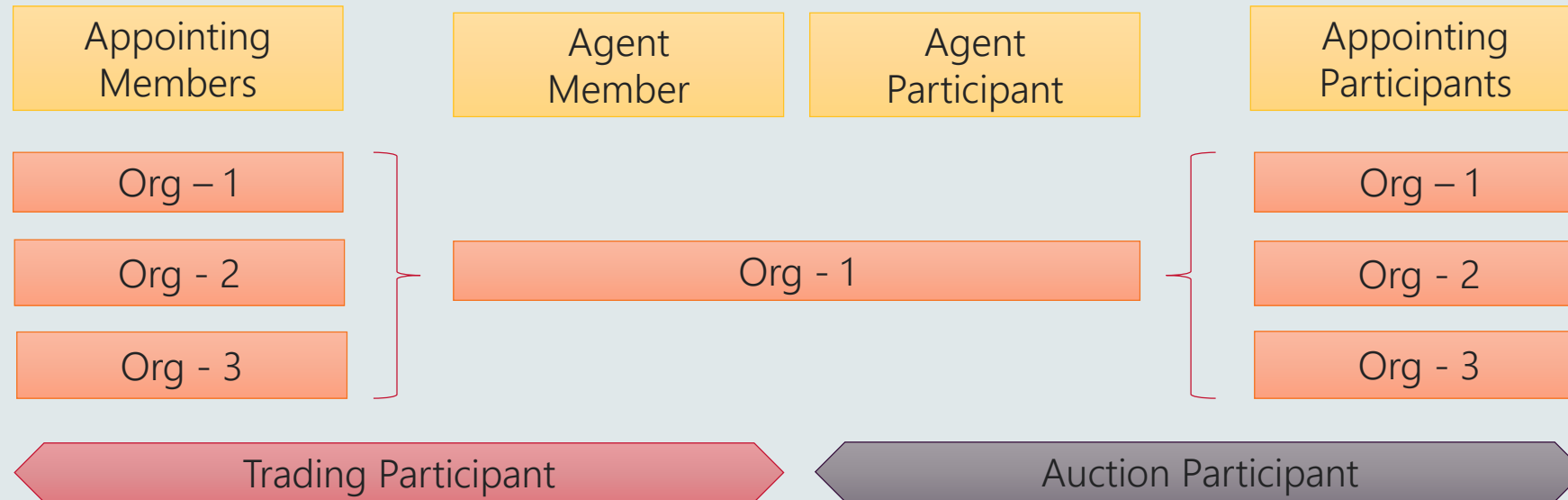
Note: agency arrangements must be consistent for CTP & DAA

Single organisation: Trading & Auction Participant



- Member trades on behalf of themselves
- Auction participant bids for auction capacity for contracts held by themselves
- Security and settlement by member/participant

Agents for organisations – Trading & Auction Participant



- Agent Member trades capacity held by appointing participants.
- Agent participant bids for auction capacity for contracts held by appointing participants.
- Security and settlement by Agent member/participant
- Appointment of agent must be same for members and participants.
- AEMO will manage agency relationships.

Transportation service point register

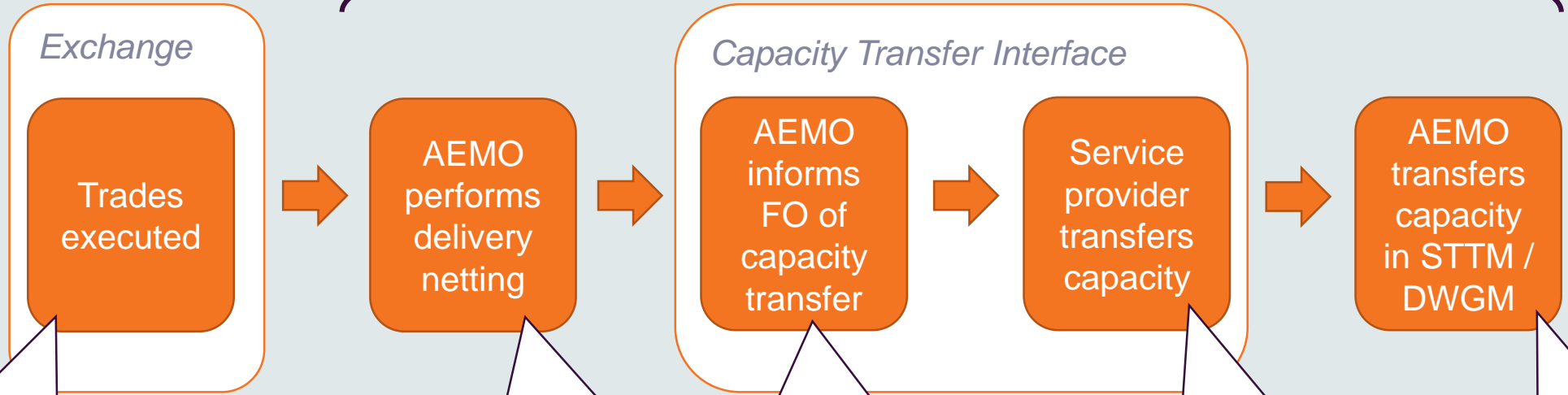
- AEMO must maintain register (s4.a):
 - Service points
 - Notional points
 - Zones
 - Forward haul and Backhaul segments
 - Park service information
- The register is an important building block for CTP and DAA
 - **CTP:** Receipt Zone => Delivery Zone define a capacity product
 - **DAA:** Participants bid on a point-to-point basis, the register specifies the product components associated with that

Initial specifications released in the Preliminary Zones Specification Report

Delivery Process for Capacity Trades

Timing for process in CT&A Procedures Schedules 1 and 2: Capacity Transfer and Auction Timetable

Exchange Agreement Clause 14A



Exchange Agreement.

CT&A Procedures
Division 2, Section 8.1

CT&A Procedures Division
2, Sections 8.2 & 8.3

CT&A Procedures
Division 2, Section 8.4

CT&A Procedures
Division 2, Section 9

- AEMO will notify shipper that capacity has been transferred.
- Once capacity has been transferred the transaction has been *delivered*. (Exchange Agreement Clause 14A).
- Shipper will make nominations directly to the pipeline operator to utilise the capacity they have procured.
- The delivery process for capacity trades (capacity transfer between the seller and buyer on the exchange) is encapsulated in **Division 3** of the Capacity Transfer and Auction Procedures.

Contract Information

- Facility operators must provide contract details for shippers who are registered to trade capacity or participate in auction.
- AEMO will use this information to allow trading / auction participant to select relevant contracts to be adjusted when entering an order or bid.
- Contract information includes:
 - Participant ID
 - Facility
 - Service reference (and CRN if service is to STTM hub)
 - Effective date range
- *Note: Agent member/participant will be able to see and select appropriate contracts for all appointing members/participants*

Capacity Transfers

- Day-ahead transfers
 - Issued at 13:00 (harmonised time)
- Forward transfers
 - Issued at Issued at 19:30 (harmonised time)
- Buyer or seller records could fail validation, reasons include:
 - *Shipper capacity shortfall* – seller does not have enough capacity to meet the transfer.
 - *Invalid contract reference*
 - *Facility agreement transfer restriction*
 - Terms of agreement restrict the capacity transfer.
- In the event a transfer fails validation, the facility operator:
 - notifies AEMO of capacity transfers that have failed transfer applying a 'pending' status in the interim Capacity Transfer Status file.
 - AEMO will report the status of the capacity transfer to shippers upon receipt of notice from the facility operator.
 - provides a final Capacity Transfer Status file to AEMO.

CTP Market Integration

- DWGM integration (s9.1)
 - If the DWGM participant has an *accredited controllable quantity* at the DWGM interface point then their accreditation will be adjusted by AEMO in accordance with their capacity trades as validated by the facility operator.
- STTM integration (s9.2)
 - AEMO will automatically adjust registered facility service (CRN) and trading right (TRN) records in AEMO in accordance with capacity trades as validated by the facility operator, where:
 - The transfer is for an *STTM interface point*, and
 - The trade is in an *STTM integrated product*
 - *As defined in the GSH Exchange Agreement Product Specifications*
 - *See draft CTP products for more detail*

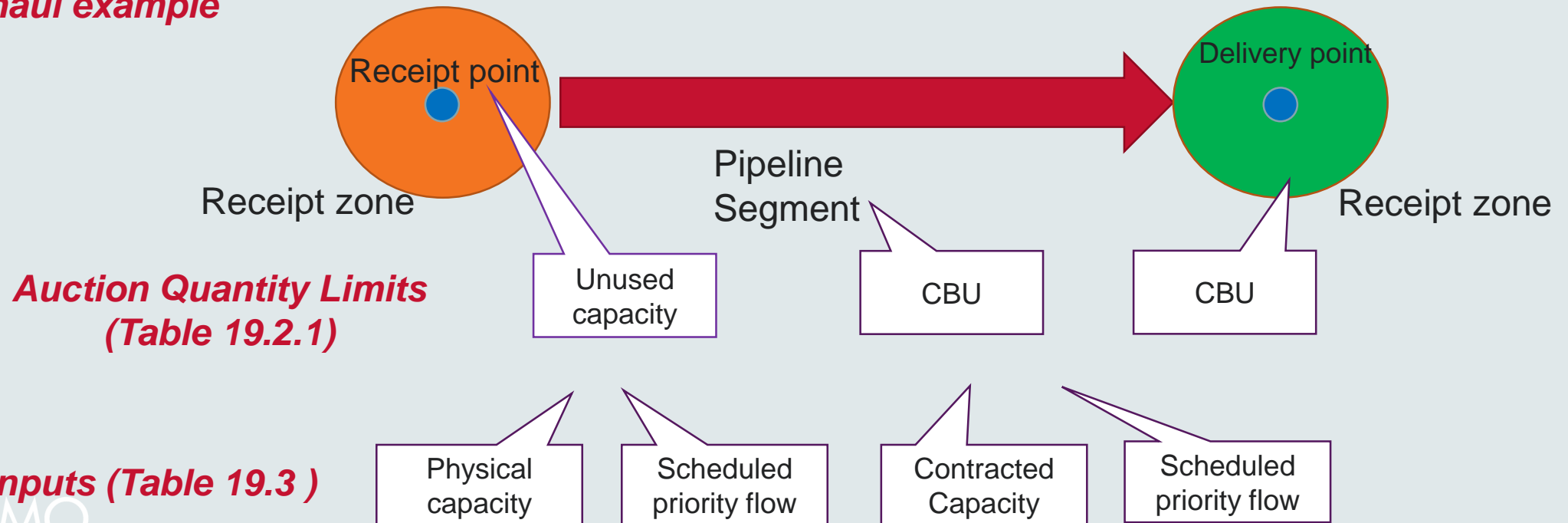
Auction bids and parameters

- Auction Bids:
 - May be submitted up to 15 days ahead of the gas day
 - Bids may be for a combination of one or more products or multiple bids may be submitted for single products. Note that each Product is on a single facility.
 - A participant provides a single bid profile that includes all of its bids for each gas day i.e. a single submission.
 - When a new submission is made for a gas day, the previous submission for the gas day is overridden. As such, a participant must resubmit the entire bid profile when making amendments to any bids included in that profile.
 - Bid price must be specified in \$/GJ up to four decimal places
- Auction Parameters:
 - **Minimum Bid Price:** \$0/GJ
 - **Maximum Bid Price:** \$50/GJ
 - **Minimum Bid Quantity:** 1 GJ
 - **Maximum Bid Quantity:** 500,000 GJ
 - **Maximum Bid Steps:** 10

Auction Quantity Limits – Forward Haul services

- Auction quantity limits determined by facility operators in accordance with CTAP
- Calculation inputs, intermediate processing and limits outlined in tables in s19.

Forward haul example



Auction timetable (harmonised)

Times below are for when gas day harmonisation is live (October 1, 2019) and assume there are no delays to the market time table.

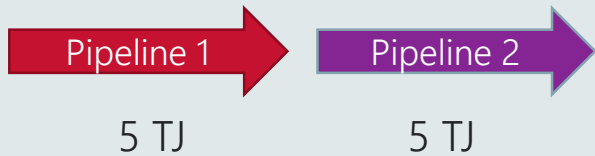
- 16.30 – Facility operators provide AEMO with AQLs.
- 16.45 (no later than) – AEMO publishes AQLs.
- 17.00 – Bids close for the next day's auction.
- 17.30 (no later than) – AEMO determines and publishes auction results.
- 18.30 (no later than) – Facility operators validate and give effect to auction results
- 18.30 – AEMO makes any adjustments to DWGM quantities.
- 18.45 – Nomination cut-off time for auction quantities.

Auction Settlement

- When there is no curtailment to auction quantities, the participant will pay the clearing price multiplied by the quantity one for each successful bid.
- However, when curtailment of an auction product has occurred, the participant will pay the clearing price multiplied by the maximum of the revised quantity and nomination quantity for that product.
 - This applies to all products included in a linked bid. For example, say a participant has a linked bid across two products. If the participant is curtailed on product 1 and then nominates down on product 2 – the participant only pays for its nomination quantity on product 2.

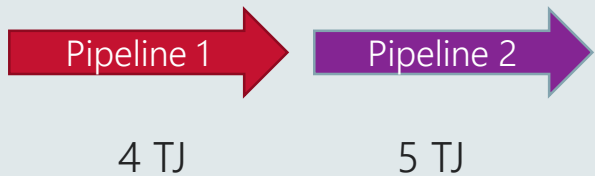
Worked Example

1. Shipper A has a linked bid from Pipeline 1 to Pipeline 2 for 5 TJ and is scheduled.

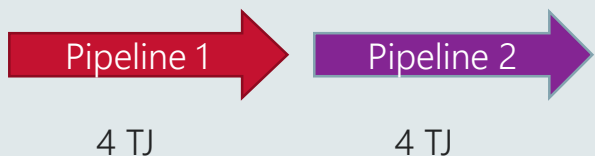


2. Pipeline 1 receives renominations from its firm shippers requiring it to reduce auction flows by 20%.

3. Shipper A's scheduled quantity on pipeline 1 is reduced by 20% to 4 TJ (reduced by 1 TJ).



4. Shipper A then opts to renominate down 1TJ on Pipeline 2. Shipper is scheduled for 4 TJ on both pipelines.



Worked Example - Settlement

- Assume the clearing price on Pipeline 1 is \$0.10 and Pipeline 2 \$0.15

Pipeline	Initial Auction Qty	Revised auction Qty on Pipeline 1	Final nomination	Clearing Price	Settlement
Pipeline 1	5 TJ	4 TJ	4 TJ	\$0.10	4000 * \$0.10 = \$400
Pipeline 2	5 TJ	4 TJ	4 TJ	\$0.15	4000 * \$0.15 = \$600

- The participant is paying for the revised quantity on pipeline 1 and the nomination quantity on pipeline 2.

Auction Prudential Exposure

- The Auction Agreement outlines the prudential process applicable to the auction (similar to those for the Gas Supply Hub)
 - A prepayment or cash security mechanism for the DAA is currently under consideration by AEMO.
- AEMO will calculate an auction participant's exposure regularly through a day.
- The exposure calculation is outlined in *s23 of the CT & A procedures*:

$$\textit{Auction Exposure} = \textit{Bid Exposure} + \textit{Indicative Settlement} + \textit{Invoiced Amounts}$$

- Bid Exposure is only measured on bids for the next auction.
- An exposure check on bids will occur on submission and again prior to the auction run.

CTAP Timetable

- Schedule for timetable prior to gas harmonisation, and another for common gas day.
- Each schedule contains activities for:
 - Day-ahead transfers of capacity traded on the exchange,
 - Capacity auction, and
 - Transfers for forward trades of capacity on the exchange.

Transitional (Division 4)

- Compression service facility information (s25)
 - Obligation for Compression service facilities to report to the BB.
 - Information includes:
 - Short-term capacity outlook
 - LCA flag
 - nominated and forecast use
- Other transitional matters (s26)
 - Transitional firm services are currently treated as firm once scheduled and used for GPG.
 - Information about the use of transitional firm services in the calculation of auction quantity limits to be reported after the end of the gas day.

Auction Agreement

Auction Agreement

- New agreement between AEMO and auction participants that outlines the terms for participation in the Day-ahead Auction.
- The Auction Agreement will need to be executed by Auction Participants prior to the commencement of the market.
- The Auction Agreement is an appendix to the Capacity Trading and Auction Procedures, terms include:
 - Participation,
 - Access to the auction platform,
 - Settlement, prudential and joint arrangements with the exchange,
 - Default, suspension, disputes and other obligations on the parties.

GSH Exchange Agreement

GSH Exchange Agreement amendments

- Gas Supply Hub Exchange Agreement outlines the terms for trading physical gas and services through the Gas Trading Exchange (Gas Supply Hub).
- The Capacity Trading Platform will be implemented through the Gas Supply Hub and as such amendments to the Gas Supply Hub Exchange Agreement are required to incorporate the capacity products into the existing trading arrangements.
- Amendments include registration, capacity product specification, delivery arrangements and settlement of capacity trades.

CTP products

CTP product list based on preliminary zones specification

- Forward haul products
 - Receipt zone => delivery zone define a product
 - 20 on-screen products, 80 off-screen products
- Compression products
 - Product to be listed for each of the 5 compression facilities defined in the preliminary zones specification.
- Park service products
 - Specified park services on a facility.
 - Each product has a specific park service point.

All products are list in the CTP product document issued as part of the consultation pack. Please provide any feedback you have on the product list.

Delivery of capacity trades

- Transfer window
 - Rolling 14 day window for transfer of capacity.
 - Forward trades are transferred once the 14 day transfer window opens, transfers are for a single gas day at a time.
 - Trades within the 14 day transfer window are transferred at the next applicable transfer run.
- Delivery netting
 - AEMO determines net position of participants by **product** and **gas day**.
- Transfer process
 - AEMO issues capacity transfer notice to facility operators.
 - Facility operators validate and confirm transfer to AEMO.
- Capacity transfer information from facility operators will be used for settlement.

Settlement and Prudential Methodology

What has changed?

- *Capacity settlement*: new line item on invoice for settlement of capacity trades.
 - Transaction Volume X Transaction Price
- *Capacity transfer variance settlement*: new line item on invoice for settlement of any variances to the capacity transfer
 - (Variance quantity X price) + (Invalid Quantity x Price x 25%)
- *Prudential exposure calculation*:
 - Amended to align with the new delivery process for capacity trades
 - Buyer's exposure calculation:
 - 25% of trade value ahead of transfer window, and
 - Treated as delivered - 100% of trade value payable by participant within the transfer window.
 - Seller's exposure calculation:
 - 25% of trade value ahead of transfer window, and
 - Treated as delivered - 100% of trade value payable to participant within the transfer window.
- Indicative settlement will incorporate settlement adjustments for any failed transfers within the transfer window.

Interface protocol

Overview

The Interface Protocol lists all the relevant participant guides for the new CTP and DAA market systems. These include:

- Guide to Capacity Trading and Day-ahead Auction Transactions
 - Describes the API transactions available via the API gateway for submitting and retrieving data.
- Guide to Capacity Transfer and Day-ahead Auction Reports
 - Describes the CSV reports available via the Data Interchange and Publishing Direct web application.
- Guide to Auction Bidding
 - Describes the new Auction Bidding Markets Portal web app. Auction participants use this app to submit auction bids and view historical bids.

Note: This guide will be made available to Industry prior to Market Trial.

Overview (continued)

- Guide to Contract References

- Describes the new Contract References Bidding Markets Portal web app. Trading participants use this app to select the contract reference they wish to use for each capacity product prior to trading.

Note: This guide will be made available to Industry prior to Market Trial.

- Guide to CTP Receipt and Delivery Point Preferences

- Describes the new CTP Receipt and Delivery Point Preferences Markets Portal web app. Trading Participants use this app to select the receipt and delivery points they wish to use for each capacity product. These selections will override the receipt and delivery points selected in Trayport order submissions.

Note: This guide will be made available to Industry prior to Market Trial.

Gas Supply Hub Interface Protocol (GSHIP)

The existing GSHIP contains guides that are also applicable to the CTP and DAA market systems. These include:

- Guide to Gas Supply Hub Reports
- Trader User Guide for Exchange Trading System
- Guide to Gas Supply Hub Reallocations
- Guide to Gas Supply Hub Prudential Dashboard
- Guide to Gas Supply Hub Publishing Direct

Guide to CT and DAA Reports

Report	TRANSPORTATION FACILITY REGISTER
Purpose	The report contains a list of all the facilities currently registered for the capacity transfer and day ahead auction.
Access	Public
Trigger	<ul style="list-style-type: none">• Event triggered on creating or updating details of a registered facility in the CTP and DAA markets• Time triggered monthly at the beginning of each month.
Report period	Registration details of all facilities currently registered in the CTP and DAA markets.

Guide to CT and DAA Reports

Report	TRANSPORTATION SERVICE POINT REGISTER
Purpose	The report contains a list of all the service points (receipt and delivery points), zones and pipeline segments currently registered for the capacity transfer and day ahead auction.
Access	Public
Trigger	<ul style="list-style-type: none">• Event triggered on creating or updating details of a service point in the CTP and DAA markets• Time triggered monthly at the beginning of each month.
Report period	Registration details of all service points currently registered in the CTP and DAA markets.

Guide to CT and DAA Reports

REPORT	AUCTION QUANTITIES
Purpose	The report lists the auction limit quantities for each product component available for the day ahead auction.
Access	Public
Trigger	Time triggered daily at 5:30 PM AEST non-harmonised time and 4:30 PM AEST harmonised time Note: This time may be extended by up to two hours when the auction delay process is initiated by AEMO. Please refer to the Procedures for full description of the delay process.
Report period	All auction quantities valid for the auction to be run on the current day.

Guide to CT and DAA Reports

REPORT	AUCTION PRODUCT PRICE AND QUANTITY
Purpose	The report lists the cleared quantity, cleared price and price sensitivity for each auction product component following each auction run.
Access	Public
Trigger	Event triggered on completion of the auction run.
Report period	All auction product components included in the auction run.

Guide to CT and DAA Reports

REPORT	REVISED AUCTION QUANTITIES
Purpose	<p>The report lists the following items for each facility and service type:</p> <ul style="list-style-type: none">• initial cleared quantity as determined by the Auction Solver;• where there has been a curtailment of the initial cleared quantity, the revised auction quantity which must be the aggregate minimum quantity made available to auction participants on the gas day;• final aggregated scheduled nominations.
Access	Public
Trigger	Time triggered at 2:00 PM (AEST) on gas day D+1.
Report period	All facilities included in the auction run on gas day D-1 for gas day D.

Guide to CT and DAA Reports

REPORT	AUCTION SERVICE CURTAILMENT NOTICE
Purpose	This report provides a notice to the industry whenever an auction service is impacted by a facility curtailment within the gas day that the auction capacity is scheduled to be available to shippers.
Access	Public
Trigger	Event triggered when facility operators submit curtailment notice to AEMO.
Report period	All curtailment notices contained in the facility operator submission.

Guide to CT and DAA Reports

REPORT	CAPACITY TRANSFER AND AUCTION NOTICE
Purpose	The report notifies participants when the market delay or cancellation process is triggered.
Access	Public
Trigger	Event triggered by the market delay or cancellation process.
Report period	One market delay event notice.

Guide to CT and DAA Reports

REPORT	SECONDARY CAPACITY TRADES
Purpose	This report provides a consolidated list of all secondary capacity trades which includes: <ul style="list-style-type: none">• GSH trades (screen traded and off-market trades)• Bilateral trades submitted into the GBB
Access	Public
Trigger	Time triggered daily at 7:30 PM (AEST).
Report period	All GSH trades executed in the GSH during the current trading day and all bilateral trades reported to AEMO in the past 24 hours.

Guide to CT and DAA Reports

REPORT	ZONE CURTAILMENT INFORMATION
Purpose	The report contains details of curtailment of nominations against secondary firm rights (CTP trades) for service points (receipt and delivery points).
Access	Public
Trigger	Event triggered when facility operators submit zone curtailment information to AEMO.
Report period	All curtailed quantities contained in the facility operator submission.

Guide to CT and DAA Reports

REPORT	CONTRACT DETAILS
Purpose	Provides participants with a list of all the facility operator service references and STTM contract references that are available to them for capacity trading. Participants acting as an agent will also receive a list of the service references and STTM contract references for their appointing participants.
Access	Private (trading participants)
Trigger	This report has two triggers: <ul style="list-style-type: none">• Event triggered upon submission of Contract Details from facility operator• Time triggered daily at 6:00 AM AEST
Report period	All the facility operator service references and STTM contract reference in the most recent submission from facility operators that are relevant to the participant. Agents will also receive a list of all the contract details relevant to their appointing participants.

Guide to CT and DAA Reports

REPORT	CONTRACT REFERENCES
Purpose	Provides participants with an audit trail of the entries in the Contract References markets portal application.
Access	Private (trading participants)
Trigger	This report has two triggers: <ul style="list-style-type: none">• Event triggered upon user new entry or update of contract references• Time triggered daily at 6:00 AM AEST
Report period	Dependent on the trigger: <ul style="list-style-type: none">• On event trigger – the contract reference created or updated• On time trigger – all contract references with a 'to date' equal to or greater than current date

Guide to CT and DAA Reports

REPORT	CTP RECEIPT AND DELIVERY POINT PREFERENCES
Purpose	Provides trading participants with an audit trail of the entries in the CTP Receipt and Delivery Point Preferences markets portal application.
Access	Private (trading participants)
Trigger	This report has two triggers: <ul style="list-style-type: none">• Event triggered upon user new entry or update of receipt and delivery point preferences• Time triggered daily at 6:00 AM AEST
Report period	Dependent on the trigger: <ul style="list-style-type: none">• On event trigger – the receipt and delivery point preference created or updated• On time trigger – all receipt and delivery point preferences with a 'to date' equal to or greater than current date

Guide to CT and DAA Reports

REPORT	SHIPPER CAPACITY TRANSFER NOTIFICATION
Purpose	Provides the status of a trading participant's capacity transfer related to one or more capacity trades. This notice is issued each time a capacity transfer record has a status change as a result of capacity transfer in the facility operator system or AEMO system. Facility operators receive a copy of this report as an audit trail for their own records.
Access	Private (trading participants and facility operators)
Trigger	Event triggered when a capacity transfer record has a status change.
Report period	All capacity transfer records that have had a status change.

Guide to CT and DAA Reports

REPORT	AUCTION BID CONFIRMATION
Purpose	Provides a confirmation to auction participants that their auction bid has been successfully submitted.
Access	Private (auction participants)
Trigger	Event triggered on successful submission of an auction bid.
Report period	One auction bid submission.

Guide to CT and DAA Reports

REPORT	AUCTION RESULTS
Purpose	Specifies the details of the capacity won at auction. Facility operators use this information to identify the shippers that have won capacity and are eligible to use the capacity for day ahead nominations. Auction Participants use this information to determine their day ahead nominations.
Access	Private (auction participants & facility operators)
Trigger	<ul style="list-style-type: none">• Event triggered on completion of the daily auction run.• Event triggered on failure of DWGM accreditation updates.
Report period	For auction participants - All winning bids for the auction participant. For facility operators - All winning bids from the auction run for products on facilities operated by the facility operator.

Guide to CT and DAA Reports

REPORT	BILATERAL TRADE
Purpose	Provides a confirmation to participants that their bilateral trade has been successfully submitted.
Access	Private (participant)
Trigger	Event triggered on successful submission of a bilateral trade.
Report period	One bilateral trade submission.

Guide to CT & DAA Data Transactions

TRANSACTION	SUBMIT AUCTION BID PROFILE
Purpose	Allows auction participants to submit bids for the Day Ahead Auction.
Submission cut-off time	<p>Harmonised time:</p> <ul style="list-style-type: none">By 5:00 pm daily on D-1. The auction for CBU capacity for gas day D is run on gas day D-1. Note: This time is extended by two hours when the auction delay process is initiated by AEMO. <p>Non-harmonised time:</p> <ul style="list-style-type: none">By 6:00 pm daily on D-1. The auction for CBU capacity for gas day D is run on gas day D-1. Note: This time is extended by two hours when the auction delay process is initiated by AEMO.
Method	POST
Notes	<p>Multiple bids may be submitted in a single bid profile. However, all bids must pass validation otherwise the entire transaction will be rejected.</p> <p>The latest bid profile submission will be used as the overall current bidding position for the specified date range.</p>

Guide to CT & DAA Data Transactions

TRANSACTION	RETRIEVE AUCTION BID PROFILE
Purpose	Allows auction participants to retrieve a specific bid profile for a given gas date.
Visibility	Private
Generated at	N/A
Updated at	N/A
Method	GET

Guide to CT & DAA Data Transactions

TRANSACTION	RETRIEVE AUCTION BID HISTORY
Purpose	Allows auction participants to retrieve metadata for all successful bid submissions for a given gas date range.
Visibility	Private
Recipients	Auction Participants
Generated at	N/A
Updated at	N/A
Method	GET

Guide to CT & DAA Data Transactions

TRANSACTION	RETRIEVE AUCTION RESULTS
Purpose	Provide the capacity quantity won by shippers at auction.
Visibility	Private
Recipients	Facility operators and Auction participants
Generated at	Harmonised time: <ul style="list-style-type: none">• Between 5:00 pm and 5:30 pm daily.• Note: These times are extended by two hours when the auction delay process is initiated by AEMO. Non-harmonised time: <ul style="list-style-type: none">• Between 6:00 pm and 6:30 pm daily.• Note: These times are extended by two hours when the auction delay process is initiated by AEMO.
Updated at	N/A
Method	GET

Guide to CT & DAA Data Transactions

TRANSACTION	RETRIEVE SHIPPER CAPACITY TRANSFER NOTIFICATION
Purpose	Provide confirmation to facility operator that shipper is notified of a capacity transfer outcome.
Visibility	Private
Recipients	Facility operators and Trading participants
Generated at	<p>Harmonised times:</p> <ul style="list-style-type: none">• Between 12:30 pm and 2:30 pm daily for day-ahead products.• Between 7:00 pm and 10:00 pm daily for forward traded products. <p>Note: The end times may be extended by up to one hour when the capacity transfer delay process is initiated by AEMO.</p> <p>Non-harmonised times:</p> <ul style="list-style-type: none">• Between 11:00 pm and 2:30 pm daily for day-ahead products.• Between 7:00 pm and 10:00 pm daily for forward traded products. <p>Note: The end times may be extended by up to two hours when the capacity transfer delay process is initiated by AEMO.</p>
Method	GET

Guide to CT & DAA Data Transactions

TRANSACTION	RETRIEVE CAPACITY TRANSFER AUCTION NOTICE
Purpose	The report notifies participants when the market delay or cancellation process is triggered.
Visibility	Public
Recipients	All
Generated at	Event triggered by the market delay or cancellation process.
Method	GET

Guide to CT & DAA Data Transactions

TRANSACTION	RETRIEVE TRANSPORTATION FACILITY REGISTER
Purpose	The report contains a list of all the facilities currently registered for the capacity transfer and day ahead auction.
Visibility	Public
Recipients	All
Generated at	<ul style="list-style-type: none">• Event triggered on creating or updating details of a registered facility in the CTP and DAA markets• Time triggered monthly at the beginning of each month.
Method	GET

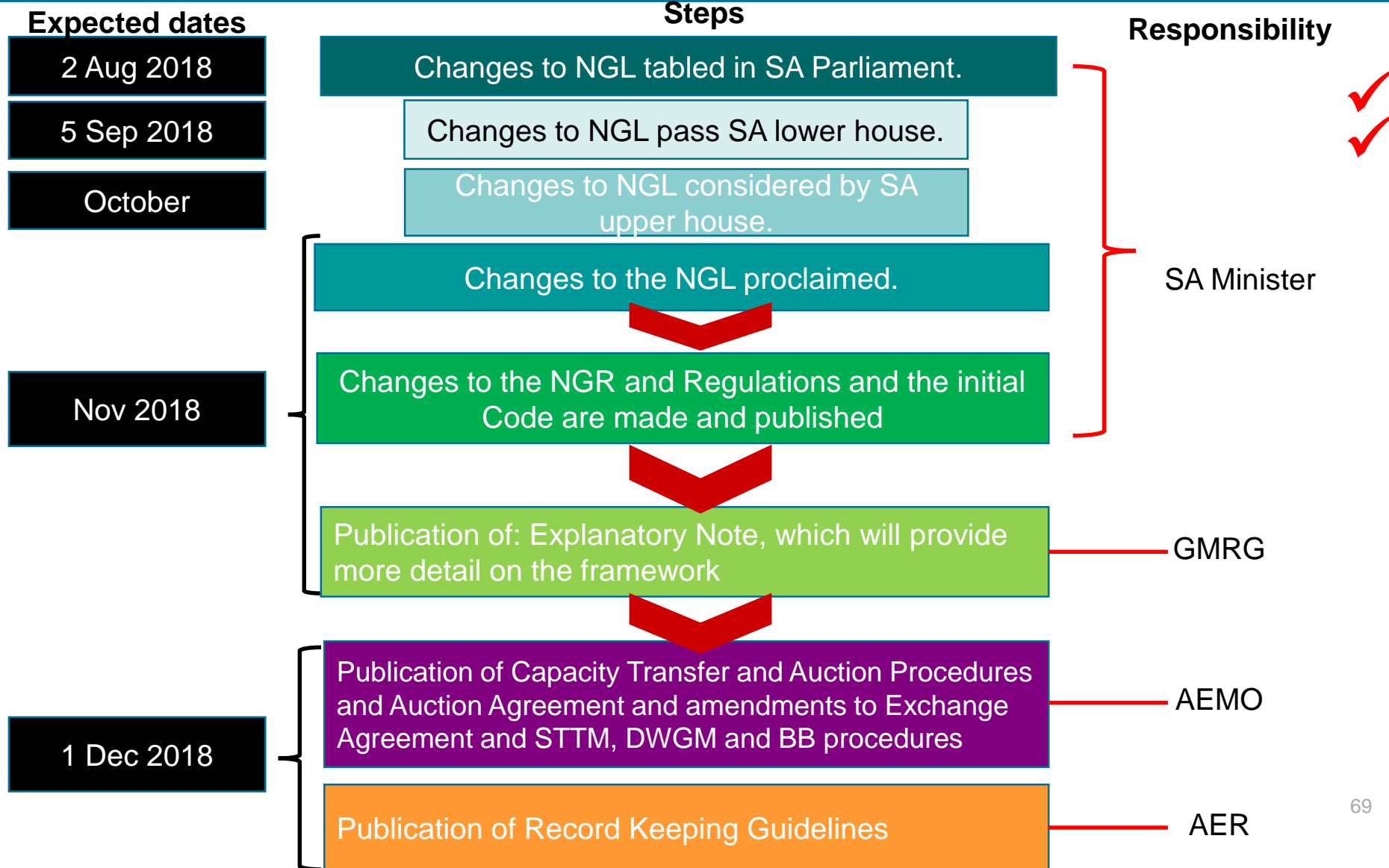
Guide to CT & DAA Data Transactions

TRANSACTION	RETRIEVE TRANSPORTATION SERVICE POINT REGISTER
Purpose	The report contains list of all the service points (receipt and delivery points), zones and pipeline segments currently registered for the capacity transfer and day ahead auction.
Visibility	Public
Recipients	All
Generated at	<ul style="list-style-type: none">• Event triggered on creating or updating details of a service point in the CTP and DAA markets• Time triggered monthly at the beginning of each month
Method	GET

GMRG Update



Process for changing the legal and regulatory instruments giving effect to the reforms





Key times assuming the legal and regulatory instruments are made before 1 Dec 2018

Date	Responsibility	Process
July – Nov 2018	SA Minister	Amendments to the NGL progressed through SA Parliament and once NGL changes are proclaimed, the amendments to the Regulations and the NGR, and the initial Code will be made.
20 Aug – 29 Sep 2018	AEMO	Formal consultation on the Capacity Transfer and Auction Procedures, the Auction Agreement and changes to the Exchange Agreement
Sep 2018	AEMO	Publication of registration kit for service providers
Sep-Oct 2018	AEMO	Consultation on second draft of the specification of service points, zones and pipeline segments.
Oct 2018	AEMO	Publication of registration kit for market participants.
Oct – Nov 2018	AEMO	Formal consultation on other Procedures.
	AEMO	Publication of training material for facility operators (mid-October) and for other market participants (mid-November)
	AER	Formal consultation on record keeping guidelines.
On or before 1 Dec 2018	AEMO	AEMO to make the Capacity Transfer and Auction Procedures and Auction Agreement and amend the Exchange Agreement and other Procedures.
	AER	AER to make record keeping guidelines.