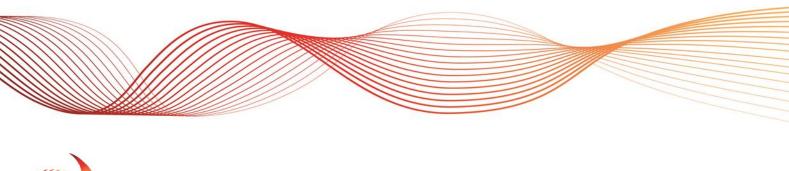# CAPACITY TRANSFER AND AUCTION INTERFACE PROTOCOL

Version: 0.1

Published: 28 August 2018

IMPORTANT NOTICE

Purpose

This Capacity Transfer and Auction Interface Protocol is produced by AEMO in accordance with the Capacity Transfer and Auction Procedures. To the extent of any inconsistency, the Rules, the National Gas Law, the Capacity Transfer and Auction Procedures and the terms of a capacity auction agreement will prevail over this Capacity Trading and Day-ahead Auction Interface Protocol.

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Distribution

Available to the public.

Document Identification

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Version History

0.1

Further Information

For further information, please visit AEMO's website http://www.aemo.com.au/Gas/Pipeline-Capacity-Trading or contact:

| AEMO Information and Support Hub | Phone: 1300 AEMO 00 (1300 236 600) and follow the prompts. |
| | Email: *supporthub@aemo.com.au* |

Feedback

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1 INTRODUCTION

In accordance with clause 6.1 of the Capacity Transfer and Auction Procedures, the Operator must establish the CTP Interface Protocol for:

- the establishment and maintenance an interface (**CTP Interface**) between the systems of the facility operators and AEMO (in its capacity as Operator under Part 22) for the purposes of exchanging information under the Capacity Transfer and Auction Procedures
- authorised user identities within the CTP Interface
- the provision of processes and user guides for the use of the CTP Interface and communications.

In accordance with clause 15.3 of the Capacity Transfer and Auction Procedures, the Operator must establish the Auction Interface Protocol for:

- the establishment and maintenance of an interface between the systems of the auction participants and the Auction Platform for the purpose of participation in the Auction Platform
- authorised user identities with the Auction Platform
- the provision of processes and user guides for the use of the Auction Platform and communications.

The Operator may only amend the CTP Interface Protocol after appropriate consultation with facility operators.

The Operator may only amend the Auction Interface Protocol after appropriate consultation with auction participants.

AEMO has established the CTP Interface Protocol and the Auction Protocol in one document, this CTP and Auction Interface Protocol.

The Operator must publish the CTP and Auction Interface Protocol, as amended from time to time.

The artefacts listed in the Section 2 are incorporated into and form part of the CTP and Auction Interface Protocol.

1.1 Communications

All Communications must comply with the requirements of the CTP and Auction Interface Protocol, including the form, manner and timing by which Communications are submitted, in addition to any other requirements in the Capacity Transfer and Auction Procedures or Auction Agreement for that particular Communication.

Unless expressly stated otherwise in the Capacity Transfer and Auction Procedures or Auction Agreement, or the Operator expressly permits a Communication made to it to be non-compliant with the CTP and Auction Interface Protocol, the Operator can reject non-compliant Communications.

2 INTERFACE PROTOCOL ARTEFACTS

Form of documentation	Document	Version
Data exchange	**Guide to Capacity Transfer and Day-ahead Auction Transactions** Purpose: provides the specifications for submitting and retrieving data to/from CTP and DAA using web services.	0.3
Reports	**Guide to Capacity Transfer and Day-ahead Auction Reports** Purpose: provides the specifications for CTP and DAA CSV reports published by the Operator on its Publishing Direct system.	0.1
Auction Bidding	**Guide to Auction Bidding** Purpose: provides an understanding of the Auction Bidding web application in AEMO's Markets web portal.	TBC
Contract References	**Guide to Contract References** Purpose: provides an understanding of the Contract References web application in AEMO's Markets web portal.	TBC
CTP Receipt and Delivery Point Preferences	**Guide to CTP Receipt and Delivery Point Preferences** Purpose: provides an understanding of the CTP Receipt and Delivery Point Preferences web application in AEMO's Markets web portal.	TBC

3 GLOSSARY

3.1 Abbreviations

Abbreviation	Abbreviation explanation
AEMO	Australian Energy Market Operator.
CSV	Comma Separated Values. Stores tabular data (numbers and text) in plain-text form.
CTP	Capacity trading platform
DAA	Day-ahead auction
EA	Exchange Agreement for the Gas Supply Hub
Operator	AEMO or any other person currently fulfilling the role of Operator under the EA in relation to the operation and administration of the Trading System.
Trading System	As defined in the EA, comprising the ETS and all supporting systems maintained by the Operator to support trading, settlement and related activities under the EA.

3.2 Terms

Term	Definition
e-Hub	API Web Portal and the API Gateway for both electricity and gas.
Rules	The National Gas Rules.
Web service	A function that can be accessed by other programs or systems over the web.