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# Capacity Transfer and Auction Interface Protocol

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**1 March 2019**

Version: 1.1

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# 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

Business custodian: Manager, Gas Market Monitoring

IT custodian: Manager, Market Systems

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## VERSION HISTORY

1.1

## 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](mailto:supporthub@aemo.com.au)

## FEEDBACK

Your feedback is important and helps us improve our services and products. To suggest improvements, please contact AEMO's Information and Support Hub.

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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.	1.1
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.	1.1
Auction Bidding	Guide to Auction Bidding Purpose: provides an understanding of the Auction Bidding web application in AEMO's Markets web portal.	1.0
Contract References	Guide to Contract References Purpose: provides an understanding of the Contract References web application in AEMO's Markets web portal.	1.0
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.	1.0

# 3. Glossary

## 3.1 Abbreviations

Abbreviation	Abbreviation explanation
AEMO	Australian Energy Market Operator.
CSV	Comma Separated Values. Stores <a href="#">tabular</a> 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.