

Nasdaq Calypso

Setting up Emission Commodities
Version 18

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Approved

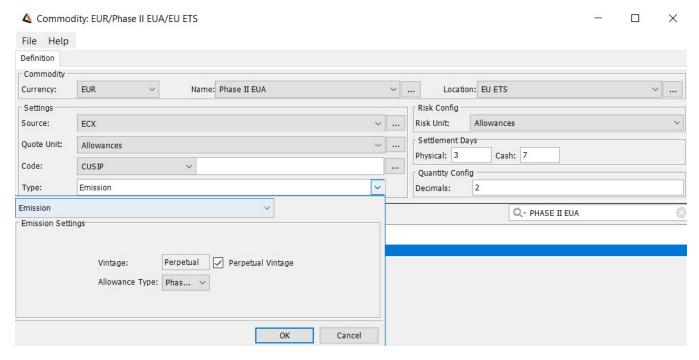


1. Setting up Emission Commodities

The Emission commodity product is for trading emissions, such as carbon emission allowances.

Configuration specific to emission commodities is as follows:

1.1 Commodity Definition



- » Select Type = Emission.
- » Enter the Vintage year or check "Perpertual Vintage" for perpetual vintage.

Allowances issued in a vintage-based scheme should have the vintage year entered in the Vintage field.

For emission schemes such as the EUETS, that do not follow a vintage system, the allowances are not tied to a specific year and are redeemable as soon as they are issued. In these cases, Perpetual Vintage should be checked.

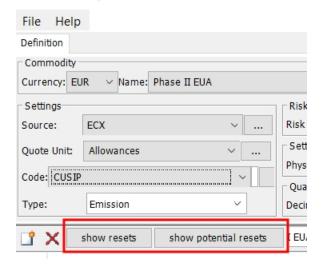
» Select the Allowance Type. Available values are defined in the *EmissionAllowanceType* domain.





The show resets and show potential resets buttons appear.

▲ Commodity: EUR/Phase II EUA/EU ETS



Before saving the commodity, you can click **show potential resets** to display existing commodity resets that could be associated with the commodity.

resets.

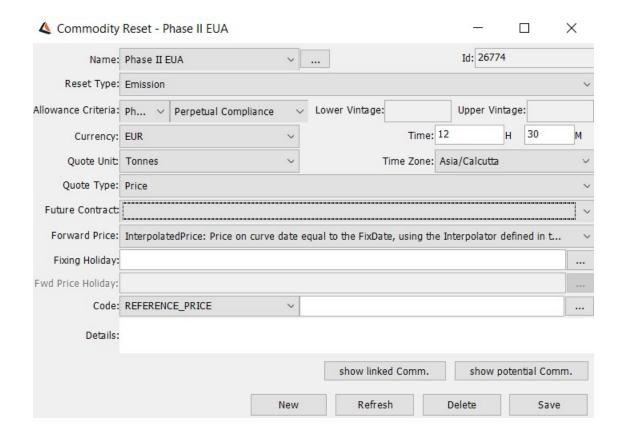
Once the commodity is saved, you can click **show resets** to display existing commodity resets actually associated with the commodity.

1.2 Commodity Reset

- » Existing commodity reset definitions are loaded by default. Select a reset to view the details. You can modify the details and click **Save** as needed.
- » The reset type can be selected as either Emission or Commodity-
 - If the reset type is selected as Emission, multiple allowances can be delivered under the same reset criteria.
 - If the reset type is selected as Commodity, a one-to-one mapping with the corresponding commodity product is done.

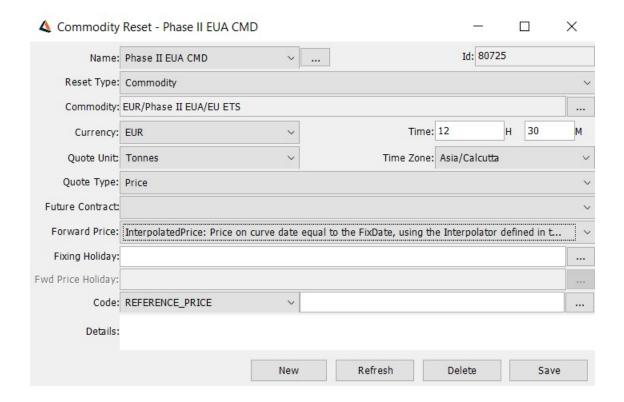
Reset Type - Emission





Reset Type - Commodity





▶ For information regarding Commodity Reset, refer to Commodity Reset Definition.

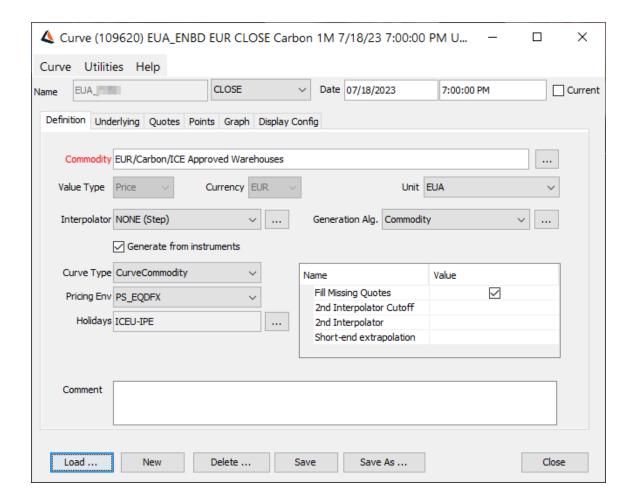
1.3 Forward Curve

Commodity Forward Curves can be created using an underlying instrument.(Market Data > Commodity Curves > Forward Curve)

In the following figures, an example of Emission Forward Curve is displayed-

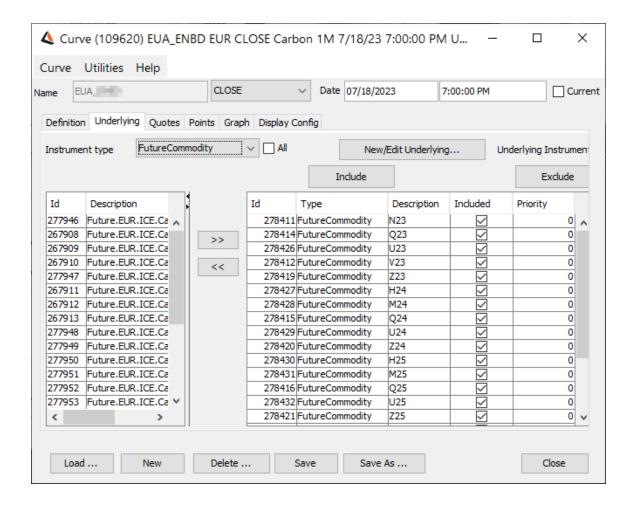
Definition





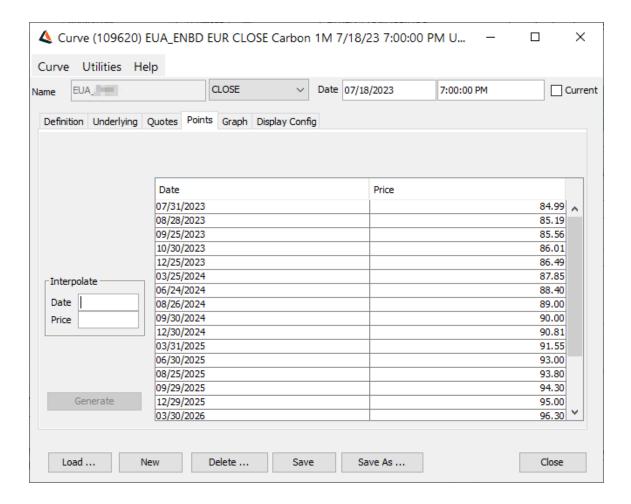
Underlying





Points





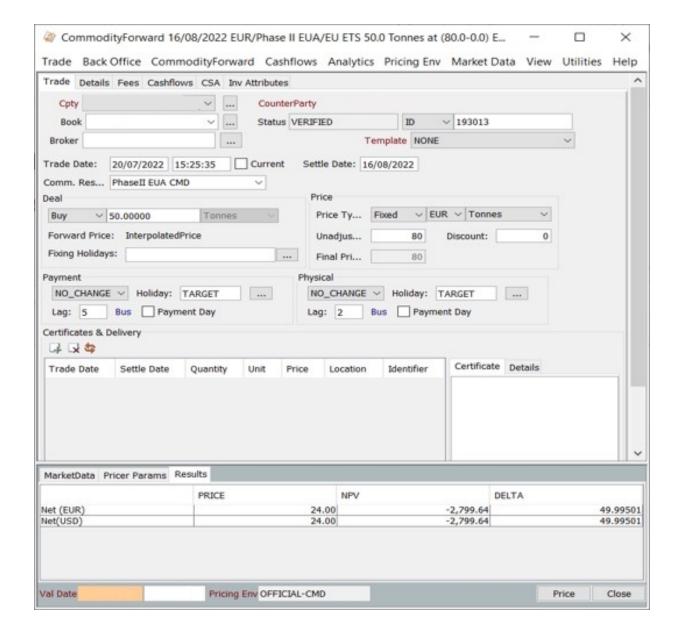
▶ For detailed information on setting up a forward curve, refer to Commodity Curves.

1.4 Sample Forward Trade

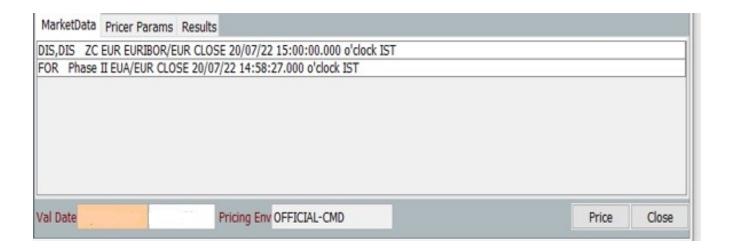
In the following figure, we have examples of an Emission Forward Trade differentiated by reset type-

Reset Type - Commodity



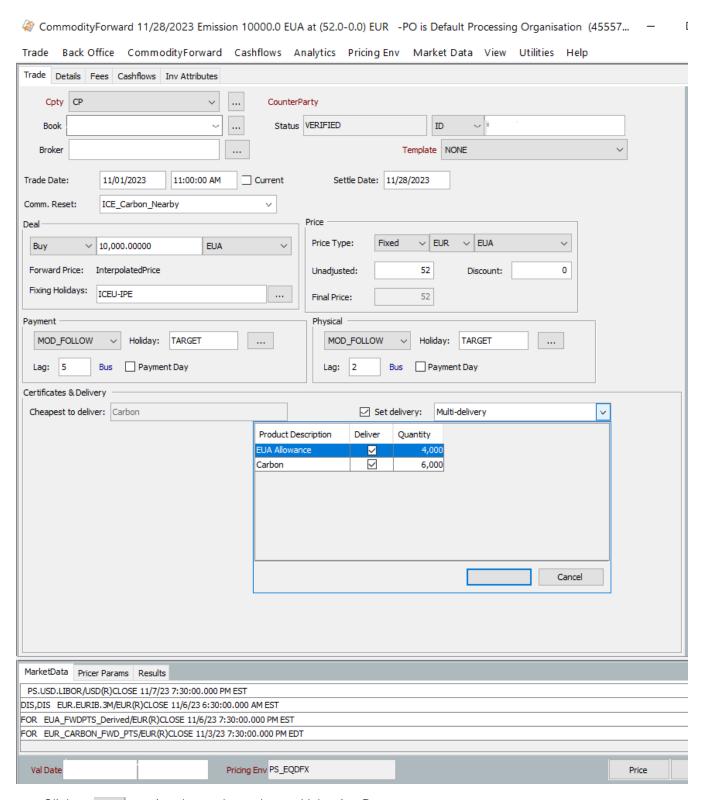






Reset Type - Emission





» Click on **Price** to price the trade on the set Valuation Date.



- » The commodity is priced based on the Forward Price methodology selected while defining the Commodity Reset.
- » After booking a Commodity Forward trade, the corresponding market data is generated based on the reset type selected when configuring the Commodity Reset.
- ▶ For more information on booking Commodity Forwards, refer to Capturing Commodity Forward Trades