

Capacity Constraint & Restoration

Process Overview

Overview

In relation to a forecast NTS constraint, National Grid NTS may scaleback Interruptible NTS Entry Capacity/Off-peak NTS Exit (Flat) Capacity in areas of the NTS impacted by a potential constraint. The capacity scaleback will be initiated by National Grid NTS by notifying all users that an ICF (Entry Interruptible Curtailment Factor)/OCF (Exit Off-peak Curtailment Factor) has been applied, including the value of the ICF/OCF. The value can be between 0 and 1 where:

ICF/OCF = 1 - No scalebacks (i.e. 100% Interruptible/Off-peak capacity available)

ICF/OCF = 0 - Total scaleback (i.e. 0% Interruptible/Off-peak capacity available)

Where an NTS Constraint has been forecast, an ICF/OCF can be applied at any time both before and throughout the gas day following the allocation of any Interruptible/Off-peak Capacity at 15:00 D-1. National Grid NTS will issue an ANS message to all NTS Users indicating a revised ICF/OCF at applicable NTS Entry/Exit Points until the constraint is effective, with a minimum of 60 minutes notice for Entry constraints and 4 hours notice for Exit constraints.

In order to avoid any potential overrun charges, NTS Users are expected to revise any nominations accordingly in relation to any change regarding their Net Scaled Interruptible /Off-peak Capacity entitlements for the gas day at the NTS location that the constraint action was initiated for.

Following the scaleback of Capacity, if NTS conditions change such that the forecast NTS Constraint has been resolved then previously scaled Interruptible/Off-peak Capacity may be partially or fully restored. In this situation another ANS message will be issued detailing the change of ICF/OCF.

Communications

When National Grid NTS initiates a Capacity Scaleback action, an ANS message will be issued notifying all NTS Users of the impacted location and the applicable ICF/OCF as shown in the example ANS message below:

National Grid is scaling back Interruptible Entry Capacity/Off-peak Exit Capacity at the following ASEP(s)/NTS Exit Zone(s) XX for Gas Day DDMMYY, effective time HH:MM with an ICF/OCF of X.

When National Grid NTS initiates a Capacity Restoration action, an ANS message will be issued notifying all NTS Users of the restored locations and the applicable ICF/OCF as shown in the example ANS message below:

National Grid is restoring Interruptible Entry Capacity/Off-peak Exit Capacity at the following ASEP(s)/ within NTS Exit Zone(s) XX for Gas Day DDMMYY, effective time HHMM with an ICF/OCF of X.

Process Summary

1. National Grid NTS (GNCC) forecast an NTS Entry/Exit Constraint that affects 1 or more NTS Entry/Exit Points.
2. National Grid NTS initiate constraint management processes in line with the System Management Principles Statement in order to alleviate the potential constraint.
3. If Interruptible/Off-peak Capacity scaleback is necessary as part of the constraint management process, National Grid NTS issue an ANS message.
4. The Off-peak Capacity scaleback will be effective from the start of the next hour bar +1 for Entry constraints and next hour bar + 4 hours for Exit constraints. Details of the specific scaleback (e.g. effected locations, start time etc) action can be found in the Gemini or Gemini Exit systems here: [Home - Constraints - Constraint/Restoration History](#)
5. NTS Users affected by the scaleback action will manage their own nominations in line with the reduced capacity entitlements accordingly in order to avoid any penal overrun charges.
6. Users can view their original and net scaled capacity rights in the following screens:
[Entry: Gemini – Product – Entitlements Net](#)
[Exit: Gemini Exit - Publish - Reports - User Reports - Entitlement Report](#)
7. If Capacity restoration is possible, National Grid NTS will issue an ANS message indicating the revised ICF/OCF and the affected ASEP(s)/NTS Exit Zone(s). Again the details related to these actions can be viewed in the Gemini and Gemini Exit System here:
[Home - Constraints - Constraint/Restoration History](#)