



Capacity Provider Stress Event Backing Data

Webinar Update

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Agenda

Please do ask questions via the Q&A function throughout and we'll do our upmost to answer as many questions during this webinar.

Brief Recap on backing data changes

- ✦ What and why are we making changes to the backing data?

Mock Stress Event Lessons Learnt

- ✦ What were the lessons? How does it impact what we provide?

Scope for change

- ✦ What are the data flows and files changing?
- ✦ What are the items and groups within those flows and files?

Timeline

- ✦ Next Steps

Why are we making changes to the backing data?

- ❑ Increased System Functionality
- ❑ Regulatory Scheme Changes
- ❑ Lessons Learnt from Mock Stress Event
- ❑ Repeated Helpdesk Questions

Backing Data Recap - CfD Supplier

D0362 - CfD Supplier Invoice Backing Data

T004 - CfD Supplier Quarterly Reconciliation

D0363 - CfD Supplier Credit Cover Report

T018 - CfD Supplier Collateral Statement

Backing Data Recap - CfD Generator

**D0365 - CfD Generator Invoice
Backing Data**

**T025 - CfD Generator Billing
Statement**

Backing Data Recap – CM Supplier

**D0364 - CM Supplier Invoice
Backing Data**

T044 - CM Settlement Costs Levy Revision

T045- CM Settlement Costs Levy Monthly

T046 - CM Supplier Charge Invoice

T049 - CM Supplier Mutualisation Invoice

T105 - CM Supplier Recalculation Of Credit
Amounts

Backing Data Recap – Capacity Provider

D0366 - CM Capacity Provider Invoice Backing Data

T062 - CM Monthly Capacity Payment Credit Note

T063 - CM Capacity Provider Penalty Charge Invoice

T064 - CM Over-Delivery Credit Note

T065 - CM Capacity Agreement Termination

T107 - CM Capacity Provider Recalculation Of Credit Amounts

Mock Stress Event – Lesson Learnt

- The Mock Stress Event (2018) did not go as far as providing invoices with backing data but from the queries raised over the capacity volume register (CVR) and how that information was calculated we anticipated many more questions from existing backing data if a Stress Event ever was to happen.
- It was apparent that if Capacity Providers were to be able to validate invoices and have the correct insight then the current stress event specific backing data (on the D0366) would need to be re-thought and an extra layer of granularity applied – hence these changes.
- Originally this was expected to take the form of a new DTC D flow as well but on assessment it was highlighted that the cost and complexity for something that was not going to be used regularly was not justifiable when the T File would have all the data.

Stress Event – D-Flows and T-Files

**D0366 - CM Capacity Provider
Invoice Backing Data**

T070 - Stress Event Position (New)

T063 - CM Capacity Provider Penalty Charge
Invoice

What are the items & groups within those flows & files? – Stress Event

D0366 - CM Capacity Provider Invoice Backing Data

Removal of Group – 99I CM Stress Event Relevant Settlement Period

- 19 Data Items

Settlement Date, Settlement Period Id, Auction Acquired Capacity Obligation, Physically Traded Capacity Obligation, Suspended Capacity Obligation, Load Following Capacity Obligation, Adjusted Load Following Capacity Obligation, CM Adjusted Net Output, CM Net Output, Aggregate Traded Capacity Market Volume, Under-delivery Volume, Over-delivery Volume, Total Previous CM Penalty Charges, CM Penalty Rate, CM Settlement Period Penalty, Over Delivery Rate, Over Delivery Payment, Involuntary Load Reduction, Reserve for Response Amount

Removal of Group – 97I CMU Over/Under Delivery Penalties

- 14 Data Items

CMU Id, CM Month Id, CM Annual Penalty Cap, CM Monthly Penalty Cap, Total Monthly CM Penalties, Net Monthly CM Penalties, Maximum Monthly CM Penalties, Monthly CM Penalty Charge, Monthly Weighting Factor, Total Previous CM Penalty Charges, Annual Over-delivery Payment, Net Annual Over-delivery Payment, Total Annual Penalties, Total Over-delivery Volume

What are the items & groups within those flows & files? – Stress Event

D0366 - CM Capacity Provider Invoice Backing Data

Removal of Group – 98I CM Stress Event

- 4 Data Items

Capacity Market Warning, Capacity Market Warning End Time, System Stress Event,

System Stress Event End Tim

Removal of Group – 00J CMU Component Period Details

- 17 Data Items

CMU Component Id, CMU Component or BMU Beta Value, Load Following Capacity Obligation, Bid Offer Acceptance Reduced Output, Period BM Unit Total Accepted Offer Volume, Period BM Unit Total Accepted Bid Volume, Applicable Balancing Services Volume, Balancing Services Sterilised Capacity, Balancing Services Sterilised Capacity set to zero, Maximum Export Limit, Period Expected Metered Volume, Declared Availability, Contracted Output, CMU Component Metered Volume, Previous Average Metered Volume, DSR Volume, Baseline Demand

What are the items & groups within those flows & files? – Stress Event

T070 - Stress Event Position

EMR Invoice Header

- EMR Party Id

Stress Event Month

- CM Month Id

CM Over/Under Delivery

- CMU Id
- Apportioned CMU Monthly Penalty Amount (New)
- Days in month CMU was held (New)
- Total days in month (New)

What are the items & groups within those flows & files? – Stress Event

T070 - Stress Event Position

CM Stress Event

- Capacity Market Warning
- Capacity Market Warning End Time
- System Stress Event
- System Stress Event End Time

What are the items & groups within those flows & files? – Stress Event

T070 - Stress Event Position

CM Stress Event Relevant Settlement Period

- Settlement Date
- Settlement Period Id
- Auction Acquired Capacity Obligation
- Physically Traded Capacity Obligation
- Suspended Capacity Obligation
- Load Following Capacity Obligation Multiplier for a Settlement Period (New)
- Load Following Capacity Obligation
- Balancing Services for a CMU (New)
- Excluded from Obligation by Relevant Interruption (New)
- Adjusted Load Following Capacity Obligation (New)

What are the items & groups within those flows & files? – Stress Event

T070 - Stress Event Position

CM Stress Event Relevant Settlement Period (Cont)

- CM Adjusted Net Output
- CM Net Output
- Aggregate Traded Capacity Market Volume
- Under-delivery Volume
- Over-delivery Volume
- Involuntary Load Reduction
- Reserve for Response Amount

What are the items & groups within those flows & files? – Stress Event

T070 - Stress Event Position

CMU Component Period Details

- CMU Component Id
- CMU Component Beta Value
- Balancing Services Sterilised Capacity
- Balancing Services Sterilised Capacity set to zero (New)
- Declared Availability
- Contracted Output
- Previous Average Metered Volume
- Baseline Demand
- Added DSR Component Baseline Estimate (New)
- Pre-Capacity Market Warning Adjustment (New)
- Provisional Baseline Demand (New)

What are the items & groups within those flows & files? – Stress Event

T070 - Stress Event Position

CMU Component Baseline Sample Data Point

- Settlement Date
- Settlement Period Id
- Adjusted Demand Sample for a Data Point (New)
- Adjustment pursuant to a BS agreement for a Data Point (New)
- Demand Sample for a Data Point (New)

CMU Component BMU Period Details

- BMU Id (New)
- Aggregation Multiplier for a Meter (New)
- BMU Balancing Services (New)
- CMU Component Beta Value (New)
- Bid Offer Acceptance Reduced Output
- Period BM Unit Total Accepted Offer Volume
- Period BM Unit Total Accepted Bid Volume

What are the items & groups within those flows & files? – Stress Event

T070 - Stress Event Position

CMU Component BMU Period Details (Cont)

- Applicable Balancing Services Volume
- Balancing Services Sterilised Capacity
- Balancing Services Sterilised Capacity set to zero (New)
- Maximum Export Limit
- Period Expected Metered Volume

CMU Component Pre-CMW Adjustment Period

- CMU Component Id
- Provisional Baseline Demand (New)
- CMU Component Metered Volume

What are the items & groups within those flows & files? – Stress Event

T070 - Stress Event Position

CMU Component Pre-CMW Adjustment Sample Data Point

- Settlement Date
- Settlement Period Id
- Adjusted Demand Sample for a Data Point (New)
- Adjustment pursuant to a BS agreement for a Data Point (New)
- Demand Sample for a Data Point (New)

What are the items & groups within those flows & files? – Stress Event

T063 - CM Capacity Provider Penalty Charge Invoice

EMR Invoice Header

- EMR Invoice Number
- EMR Invoice Date
- EMR Invoice Payment Date
- EMR Invoice Total
- MPID

Stress Event Month

- CM Month Id

What are the items & groups within those flows & files? – Stress Event

T063 - CM Capacity Provider Penalty Charge Invoice

CM Over/Under Delivery

- CMU Id
- Apportioned CMU Monthly Penalty Amount (New)
- Days in month CMU was held (New)
- Total days in month (New)
- Monthly CM Penalty Charge
- Monthly Weighting Factor

What are the items & groups within those flows & files? – Stress Event

T063 - CM Capacity Provider Penalty Charge Invoice

CM Stress Event Relevant Settlement Period

- Settlement Date
- Settlement Period Id
- Under-delivery Volume
- First Relevant Settlement Period in Month (New)
- Last Relevant Settlement Period in Month (New)
- Settlement Period Penalty Settlement Amount (New)
- Change in SPPSA since the previous Settlement Period (New)
- CMU Monthly Payment Cap (New)
- CMU Annual Penalty Cap headroom for the month (New)
- MU demonstrated poor performance over six months (New)
- CMU has performed poorly is Annual Penalty Cap applied (New)
- CM Annual Penalty Cap with Physical Trades (New)

What are the items & groups within those flows & files? – Stress Event

T063 - CM Capacity Provider Penalty Charge Invoice

CM Stress Event Relevant Settlement Period (Cont)

- Total Previous CM Penalty Charges
- Cumulative Settlement Period Penalties for the month to date (New)
- Cumulative Maximum Settlement Period Penalties for the month to date (New)
- CMU Monthly Penalty Cap (New)
- Residual Monthly Capacity Payment (New)
- Previous ASSPA this month for obligations held in previous periods (New)
- Previous ASSPA this month for obligations held in current and previous periods (New)
- CM Penalty Rate
- CM Settlement Period Penalty
- CMU Month to Date Maximum Settlement Period Penalty (New)

What are the items & groups within those flows & files? – Stress Event

T063 - CM Capacity Provider Penalty Charge Invoice

CMU Individual Capacity Obligation in a Settlement Period

- Individual Capacity Obligation (New)
- Order ICO by Penalty Rate, Date Awarded/Transferred, Time Requested (New)
- Apportioned Settlement Period Penalty Amount (New)
- ICO Penalty Rate (New)
- Agreement Monthly Penalty Cap (New)
- Capacity Price
- Monthly Penalty Cap percentage (New)
- ASPPSA for previous Settlement Period (New)
- Agreement id (New)
- Trade id (New)
- Trade days in month (New)

What are the items & groups within those flows & files? – Stress Event

T063 - CM Capacity Provider Penalty Charge Invoice

CMU Individual Capacity Obligation in a Settlement Period (Cont)

- Auction Acquired Capacity Obligation
- Physically Traded Capacity Obligation
- Agreement Penalty Rate (New)
- Monthly Penalty Cap percentage for a Traded Obligation) (New)
- Annual Penalty Cap percentage for a Traded Obligation) (New)
- Capacity Cleared Price
- Average of monthly values of CPI for Winter preceding the DY
- Average of monthly values of CPI over the base period
- Agreement Annual Capacity Payment (New)
- Trade Annual Capacity Payment (New)

Next Steps

Dependency -

- These changes are travelling with the other D-flow / T-file changes highlighted in the previous webinar
- November 21 deployment (although still to be confirmed)
- Further circular when confirmation received from MRA / REC M.



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