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UNC Modification 0634 (Urgent) – Post Implementation Assessment

Distribution WG - 25th January 2018

UNC Modification 0634

- Mod 0634 (Urgent) - Revised estimation process for DM sites with D-7 zero consumption
- Proposed due to large number of DM Supply Meter Points that were not recording Actual consumptions post Nexus Implementation.
- DM estimates were being used to close out allocations, adding to volatility
- Urgent modification raised to:
 - Override existing estimation routines in the event that an actual reading is not obtained on DM Supply Meter Points
 - Where estimate derived was ZERO based upon the D-7 Reading

UNC Modification 0634 – CDSP Activities

- Urgent modification raised to amend:
 - Pre-0634 estimate routine used (in priority order)
 - Consumption derived from D-7
 - AQ/365 Consumption
 - 0634 required assessment by the CDSP where the Estimated Consumption was derived using D-7 reading AND this derived ZERO
 - Assess whether an Actual consumption was available, and if so utilise this consumption
 - Assess whether a better estimation routine would be to derive consumption based on AQ/365
 - Retain zero consumption

UNC Modification 0634 – Shipper Activities

- Shipper to assess CDSP proposed consumption
- Shipper could instruct CDSP to:
 - Amend consumption and use:
 - AQ / 365
 - ZERO value
 - Alternative Consumption
 - Do nothing – i.e. CDSP proposed consumption would be retained

UNC Modification 0634 – Implementation

- Revised consumption required by GFD+5 in order to amend allocations
- 0634 required CDSP insertion of revised consumption prior to notification to Shipper
- Xoserve contact DMSP to ascertain whether:
 - DMSP had obtained an Actual Consumption
 - Whether the DMSP were planning to intervene with Alternative Consumption
- Amended process to seek approval from Shipper User prior to inserting the revised consumption – to reduce the risk of missing the D+5 deadline due to ‘double entry’

UNC Modification 0634 – Implementation

- This is represented by the following process diagrams:

Explicit 0634 process:



Implemented 0634 process:



UNC Modification 0634 – Statistics

- Pot 1 – DM Supply Meter Points that at 0634 implementation had not recorded an actual reading since Project Nexus Implementation Date
- Pot 2 – DM Supply Meter Points which had recorded actual readings but have stopped recording actuals / new DM Supply Meter Points
- Statistics presented show c 1 month following implementation, and c 2 months following implementation

UNC Modification 0634 – Pot 1 Statistics

- Pot 1 – DM Supply Meter Points that at 0634 implementation had not recorded an actual reading since Project Nexus Implementation Date

Actual Actions 0634 Pot 1										
<i>All stats are on completed MOD 0634 actions only</i>										
		POT 1 (20.11.17 to 18.12.17)			POT 1 (20.11.17 to 17.01.18)			POT 1 (18.12.17 to 17.01.18)		
Number of Candidate Interventions (by GFD)		73			91			18		
Number of Candidate Interventions (Unique MPs)		8			8			0		
		Number of GFDs	Amendment to Allocation (kWh)	Number of MPs	Number of GFDs	Amendment to Allocation (kWh)	Number of MPs	Number of GFDs	Amendment to Allocation (kWh)	Number of MPs
Outcome Non Intervention by CDSP	Retained 0 Estimates	64	n/a	4	78	n/a	4	14	n/a	0
	Actual Reads Received prior to invoking MOD	0	n/a	0	1	n/a	1	1	n/a	1
Intervention by CDSP	Actual Consumption Inserted	1	959,248	1	1	959,248	1	0	0	0
	AQ/365 Inserted	0	0	0	0	0	0	0	0	0
Amended Intervention Outcome by Shipper	Shipper Instructed AQ/365	0	0	0	0	0	0	0	0	0
	Shipper Instructed 0	4	n/a	1	5	n/a	1	1	n/a	0
	Shipper Alternative Consumption Inserted	0	0	0	0	0	0	0	0	0
DM Consumption Adjustments in scope of 0634 actioned by DMSP prior to CDSP Intervention (Pot 1)										
Number of Interventions by DMSP		4	1,006,239	3	6	1,578,266	3	2	572,027	0
Totals		73	1,965,487	9	91	2,537,514	10	18	572,027	1

* Note: MP count in line 7 will not align to line 26 due to different outcomes for same MP

UNC Modification 0634 – Pot 1

- Interesting Points to note:
 - 91 potential interventions – 78 of which were retained as 0 following CDSP assessment, 64 of which in Month 1
 - 1 actual consumption obtained from DMSP and inserted by CDSP in Month 1 – 1 GWh amended in allocation
 - 0 actual consumptions inserted in Month 2
 - 6 consumptions amended by DMSP in Month 1 & 2 – 1.6 GWh

UNC Modification 0634 – Pot 2 Statistics

- Pot 2 – DM Supply Meter Points which had recorded actual readings but have stopped recording actuals / new DM Supply Meter Points

Actual Actions 0634 Pot 2										
All stats are on completed MOD 0634 actions only										
		POT 2 (20.11.17 to 18.12.17)			POT 2 (20.11.17 to 17.01.18)			POT 2 (18.12.17 to 17.01.18)		
	Number of Candidate Interventions (by GFD)	111			138			27		
	Number of Candidate Interventions (Unique MPs)	17			19			2		
		Number of GFDs	Amendment to Allocation (kWh)	Number of MPs	Number of GFDs	Amendment to Allocation (kWh)	Number of MPs	Number of GFDs	Amendment to Allocation (kWh)	Number of MPs
Outcome Non Intervention by CDSP	Retained 0 Estimates	72	n/a	5	87	n/a	5	15	n/a	0
	Actual Reads Received prior to invoking MOD	15	n/a	6	21	n/a	7	6	n/a	1
Intervention by CDSP	Actual Consumption Inserted	10	1,554,012	4	12	1,612,204	5	2	58,192	1
	AQ/365 Inserted	0	0	0	0	0	0	0	0	0
Amended Intervention Outcome by Shipper	Shipper Instructed AQ/365	5	175,095	1	7	245,153	1	2	70,058	0
	Shipper Instructed 0	0	n/a	0	0	n/a	0	0	n/a	0
	Shipper Alternative Consumption Inserted	0	0	0	0	0	0	0	0	0
DM Consumption Adjustments in scope of 0634 actioned by DMSP prior to CDSP Intervention (Pot 2)										
	Number of Interventions by DMSP	9	767,848	3	11	949,447	4	2	181,599	1
	Totals	111	2,496,955	19	138	2,806,804	22	27	309,849	3
* Note: MP count in line 7 will not align to line 26 due to different outcomes for same MP										

UNC Modification 0634 – Pot 2

- Interesting Points to note:
 - 138 potential interventions – 87 of which were retained as 0, 72 of which in Month 1
 - 12 actual consumption obtained from DMSP and inserted by CDSP in Month 1 and 2 – 1.6 GWh amended in allocation
 - 11 consumptions amended by DMSP in Month 1 & 2 – 1 GWh

CDSP engagement beyond transitional issue?

- For Transitional Issue (Pot 1) Supply Meter Points
 - Benefits seen within Month 1 following implementation, no further amendments undertaken by CDSP
- For Pot 2 Supply Meter Points
 - Some intervention undertaken by CDSP – 12 instances where DMSP provided Consumption inserted by CDSP, 7 instances where instruction to insert AQ/365 provided – majority in Month 1 (10, 5 respectively)
- Intervention by DMSP in 17 instances to amend estimated zero consumption across Pot 1 and 2