Load Migration CRR Mapping from Legacy to New CRR System

This document is prepared for CRR Market Participant and is intended to help navigate the four mapping files shared (Load_migration_market.csv, LSE_CRR_Inventory.csv, LSE_Im_CRR.csv and LSE_sold_LM.csv) as part of "CRR Replacement Project" go-live to map old system load migration CRR ID to the new system CRR ID.

Purpose of different CRR ID between two system:

To help reduce the number of CRRs created through load migration on top of load migration between the same LSEs on the same base CRRs, the new CRR system tracks load migration by netted CRR ID by season and TOU. Hence CRR's created in legacy system with same Source, Sink and TOU has been migrated into a single new CRR ID.

Terms used:

Legacy/Old CRR ID: The CRR's created in legacy system (old system)

New CRR ID: The CRR ID present in the new system which went live on 4th June 2025.

Key Points to Note:

- 1. When there is change in CRR due to Load Migration process, then the NEW CRR ID will remain same, while the effective dates will change and will be presented as new row with the adjusted MW.
- 2. This change in MW will also reflect in the CRR Inventory data in form of segment ID of same CRR ID.

1. Load Migration Market Mapping Table (Load_migration_market.csv)

Original Market / Legacy CRR System Name	New LM Market / New CRR System Name	Effective Date		
LM_LT_2009_2017_201008	LOAD_MIGRATION_2010_M8	01-AUG-2010		
LM_LT_YYYY_YYYY_XXXXMM	LOAD_MIGRATION_XXXX_MMM	01-MM-XXXX		

2. Load Migration CRR Mapping Table (LSE_lm_CRR.csv)

Asset Owner	SCID
Old CRR ID	The legacy system CRR ID
New CRR ID	The new system CRR ID where the old CRR
	has been aggregated into
Migrated from CRR ID	The CRR ID from which the LM CRR is
	derived from

Source	Source of CRR
Sink	Sink of CRR
TOU	Time of Use of CRR
CRR Type	LSE_LMT = Load Migration LSE
	LMT_CNT = Load Migration Counterflow
Hedge Type	Obligation or Option
Start Date	Start date of the CRR
End Date	End Date of the CRR
Initial MW	The first CRR created for a particular path
	and TOU.
Adjusted MW	Incremental MW to an existing LM CRR
	created from previous process
Original LM Market	The market name in legacy system
New LM Market	The market name in CRR NEW system
Effective Date	The effective date of CRR

3. Sold Load Migration CRR Mapping Table (LSE_sold_LM.csv)

Auction Market	Auction Market Name where the CRR was
	sold
Asset Owner	SCID
Old LM CRR ID	The legacy system CRR ID
New LM CRR ID	The new system CRR ID where the old CRR
	has been aggregated into
Bid ID	Bid curve from old system
Sold Start Date	Start Date from which this CRR is sold
Sold End Date	End Date of CRR ID
Source	Source of CRR
Sink	Sink of CRR
TOU	Time of Use of CRR
CRR Type	LSE_LMT = Load Migration LSE
	LMT_CNT = Load Migration Counterflow
Hedge Type	Obligation or Option
MW	MW sold
Auction Result Posting Date	Corresponding Auction market post date
New LM Market	The market name in CRR NEW system
Effective Date	The effective date of CRR

4.	CRR Bulk	Inventory	Table	(LSE_	_CRR_	Inventory.csv)
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CRR ID	The new system CRR ID
ID of Sold CRR	The new system CRR ID (value will be only
	present when this CRR has been sold)
CRR Sold in Auction	The auction market name where the CRR
	has been sold
Segment ID	If a CRR has been sold/acuired with
	different start date/End date, it'll be
	represented s new segment ID
Start Date	CRR Start Date
Stop Date	CRR End Date
Source	Source of CRR
Sink	Sink of CRR
TOU	Time of Use of CRR
CRR Type	LSE_LMT = Load Migration LSE
	LMT_CNT = Load Migration Counterflow
Hedge Type	Obligation or Option
MW	MW sold/bought
Buy/Sell	CRR is bought or sold

5. Example

We have SCID : AAA1 having multiple Load Migration CRR (shown in table) aggregated into new CRR ID 111

Source: TH_Source Sink: DLAP_Sink TOU: ON CRR Type: LSE_LMT

- 1. When the first OLD CRR ID is created, the new CRR ID is given the same ID. Hence the first row contains the same OLD and New CRR ID
- After the initial CRR ID 111, in subsequent monthly load migration process, incremental MW has been added in column Adjusted MW which is aggregated into same CRR ID 111 in new system instead of creating new CRR ID (like old system)

Load Migration CRR Mapping TABLE

Old CRR	New CRR	Migrate d from	Source	Sink	T O	Start Date	End Date	CRR Type	Initial MW	Adjust ed MW	Effective Date
ID	ID	CRR ID			U						
111	111	235	TH_Source	DLAP_Sink	0	4/1/25	6/30/25	LSE_	0.002		
					N			LMT			
222	111	235	TH_Source	DLAP_Sink	0	4/1/25	6/30/25	LSE_		0.256	2/1/2018
					N			LMT			
333	111	235	TH_Source	DLAP_Sink	0	4/1/25	6/30/25	LSE_		0.125	10/1/2022
					N			LMT			
444	111	235	TH_Source	DLAP_Sink	0	4/1/25	6/30/25	LSE_		0.182	9/1/2024
					N			LMT			
555	111	235	TH_Source	DLAP_Sink	0	4/1/25	6/30/25	LSE_		0.016	12/1/2024
					N			LMT			
666	111	235	TH_Source	DLAP_Sink	0	5/1/25	6/30/25	LSE_		0.010	5/1/2025
					N			LMT			

3. While adjustment is made to New CRR ID in every monthly Load migration process subsequently Load Migration CRR are also sold in Auction market (Shown in Table below).

Sold LM CRR Auction Market Table

Old LM CRR	New LM CRR	Sold Start Date	Sold End Date	Source	Sink	του	CRR Type	MW	Auction Posting Date
222	111	4/1/25	6/30/25	TH_Source	DLAP_Sink	ON	LSE_LMT	0.258	11/11/24
333	111	4/1/25	6/30/25	TH_Source	DLAP_Sink	ON	LSE_LMT	0.125	11/11/24
444	111	4/1/25	6/30/25	TH_Source	DLAP_Sink	ON	LSE_LMT	0.182	11/11/24
555	111	4/1/25	6/30/25	TH_Source	DLAP_Sink	ON	LSE_LMT	0.016	3/27/25
666	111	5/1/25	5/31/25	TH_Source	DLAP_Sink	ON	LSE_LMT	0.004	4/25/25
777	111	6/1/25	6/1/25	TH_Source	DLAP_Sink	ON	LSE_LMT	0	5/22/25

- 4. In the CRR inventory the combination of LM CRR and the Sold LM CRR table will be displayed under the New CRR ID 111 with incremental segment ID each time CRR 111 is sold or has different effective date.
- 5. In this example, 222, 333, 444 and 555 CRR ID were sold completely in November Auction market making the available MW for CRR ID 111 in month of April = 0 MW.
- In May Load Migration process we see addition of 0.010 MW to CRR ID 111 and 0.004 sold in May Auction Market. So, for period of May the MW of CRR ID 111 = 0.006, shown in Inventory table as Segment 2 of CRR ID 111.
- 7. In June Load migration process we still have the 0.010 from May Load migration process and nothing was sold in the June auction market so the CRR ID 111 for June month is 0.010 MW

CRR ID /New CRR ID	ld of Sold CRR	Seg ment	Start Date	End Date	Source	Sink	TOU	MW	Buy/Sell
111		1	4/1/25	4/30/25	TH_Source	DLAP_Sink	ON	0	BUY
111		2	5/1/25	5/31/25	TH_Source	DLAP_Sink	ON	0.006	BUY
111		3	6/1/25	6/30/25	TH_Source	DLAP_Sink	ON	0.010	BUY
	111	1	4/1/25	6/30/25	TH_Source	DLAP_Sink	ON	0.258	SELL
	111	1	4/1/25	6/30/25	TH_Source	DLAP_Sink	ON	0.125	SELL
	111	1	4/1/25	6/30/25	TH_Source	DLAP_Sink	ON	0.182	SELL
	111	1	4/1/25	6/30/25	TH_Source	DLAP_Sink	ON	0.016	SELL
	111	1	5/1/25	5/31/25	TH_Source	DLAP_Sink	ON	0.004	SELL
	111	1	6/1/25	6/1/25	TH_Source	DLAP_Sink	ON	0	SELL

CRR Inventory