

Discussion Request 1205			Application of the PSO to Commercial Storage		
Status	Approved	Priority	Medium	Status Date	04/03/2020

Date	Version	Reason for Change	Version Status
26/02/2020	1.0	Issued to Market	Final

Part 1 DETAIL OF DISCUSSION REQUEST / MARKET CHANGE REQUEST			
Requesting Organisation(s)	ESB Networks	Originating Jurisdiction	RoI
Request Originator Name	Siobhan Melvin		
Date Raised	20/02/2020		

Classification of Request			
Jurisdictional Applicability	RoI	Jurisdictional Implementation	RoI Specific
If jurisdictional implementation is for one jurisdiction only – is the other jurisdiction required to effect any changes?	No	Co-Ordinated Baseline Version No.	TBC
Change Type	Non-Schema Impacting		

Detail of Request
Reason for Request

Background

The CRU Information Paper CRU/19/034 *Application of the PSO to Commercial Storage* clarifies that commercial storage units will be considered only a final customer (for the purpose of calculating their PSO levy charge) when consuming electricity for its normal house load when it is offline (i.e. neither importing or exporting). In the event that a commercial storage unit intends to avail of an MIC based on their house load (for the purpose of calculating their PSO levy charge), an agreed MIC will need to be determined by the relevant system operator.

The scope of this DR is limited to that of CRU/19/034 i.e. “Commercial Storage Units, which will be operating in the Single Electricity Market (SEM) and/or providing DS3 services”.

This DR sets out ESB Networks process for invoicing and collecting PSO money relating to Commercial Storage units. ESB Networks proposed this manual solution to the CRU in response to CRU/19/034 on the basis that the number of customers involved are relatively low and that it is limited in scope i.e. to commercial storage sites only. The CRU accepted the proposal. The process will need to be reviewed at the point when this manual solution is no longer viable to support the customer base.

Separately, in response to CRU/19/034, ESB Networks will update its own Embedded Generator application process to include details on how a commercial storage unit applies for and agrees a house load MIC with ESB Networks. As part of this application process commercial storage customers will be advised to inform their supplier where the commercial storage customer intends to avail of a House Load Maximum Import Capacity (MIC) for the purpose of calculating their PSO levy charge.

Proposed Solution

Central Market Systems can only associate one MIC per MPRN. As the CRU's direction requires that a second MIC ('House Load MIC') is agreed for commercial storage units the following solution will be put in place to comply with the CRU direction:

- A register of House Load MICs will be published on the RMDS Confidential website
- The full PSO Levy amount (based on the larger 'storage MIC') will be calculated as normal on a monthly basis.
- The lower PSO Levy amount (based on the 'House Load MIC') will be calculated manually by ESB Networks for each commercial storage site.
- The regular monthly PSO invoice will be issued to each supplier with the summary of the charges for each of its sites under each PSO group.
- The regular monthly adjustment PSO invoice will incorporate a credit to each supplier for all their eligible commercial storage sites. This credit amount will be the difference between the higher and the lower PSO Levy amount calculated above.

Points to Note

- (i) The PSO Customer Category will be based on the full site 'storage MIC', not the lower 'House Load MIC'.
- For example, a commercial storage site with a storage MIC of 1,000 kVA, but a House Load MIC of 15 kVA, would still be considered a Medium/Large Commercial customer for the PSO Levy and billed at €1.22/kVA (2019/20 PSO levy) rather than €10.35 (2019/20 PSO levy) small commercial PSO category (MIC < 30 kVA).
- (ii) Where a customer changes supplier, the full PSO amount for that customer is charged to the supplier that the customer is registered to at the end of the month (as per CRU/19/126).

As a result of the above, changes are required to the following market documents

DUoS, Transaction and PSO Payment Process Briefing Document

This document will be updated to show that

1. the full PSO levy amount (based on the larger 'storage MIC') will be calculated as normal on a monthly basis for Commercial Storage units and the regular monthly PSO invoice will be issued to each supplier with the summary of the charges for each of its sites under each PSO group.
2. the lower PSO Levy amount (based on the 'House Load MIC') will be calculated manually by ESB Networks for each commercial storage site and the regular monthly adjustment PSO invoice will incorporate a credit to each supplier for all their eligible commercial storage sites. This credit amount will be the difference between the higher and the lower PSO Levy amount calculated above.

Supplier Communications Resulting from DUoS Billing & Invoicing Document

This document will be updated to show that

A change of House Load MIC will be effective for PSO billing from the 1st day of the next billing period, subject to a new connection agreement being signed where necessary.

RMDS will publish the House Load MIC on the Confidential RMDS website.

Prior to MCR go-live a Working Practice will be developed to document the solution detailed above.

Scope of Change

Jurisdiction	Design Documentation	Business Process	DSO Backend System Change	MP Backend System Change	Tibco	Supplier EIMMA	Schema	Webforms	Extranet/NI Market Website
ROI	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

Co-Ordinated Baseline Market Design Documents Impacted by Request

Market Messages

Message No.	Message Name	CoBL	ROI	NI
No Impact	No Impact	No Impact	No Impact	No Impact

Data Definitions

No Impact

Data Codes

Market Message Implementation Guides

ROI	Yes/No	NI	Yes/No
No Impact	Yes	No Impact	Yes

Comments

ROI - Market Process Diagrams – MPDs

Market Process Diagram Number	Market Process Diagram Description	Affected
None	None	None

NI - Market Procedures

Market Procedure	Affected
No Impact	No Impact

ROI Guidance Documentation		
Document	Version	Affected
No impact		No Impact

RoI Briefing Document		
Briefing Document	Affected	
MIG Document Supplier Billing Invoicing	Y	
DUoS, Transaction and PSO Payment Process Briefing Document	Y	

User and Technical Documents			
Reference	Name	Version	Affected
No impact			No Impact
Part 2 - Performance and Data Changes			
Market Messages volume, processing etc.			
Data			
Details of Data changes e.g. cleansing			

Part 3 - ReMCoSG / CER Approval		
Approved by	ReMCoSG	CER
Comments		