

DR/MCR 1223			Peak ToU for DG7 to DG9		
Status	Issued to Market	Priority	Fast Track	Status Date	28/09/2022

Date	Version	Reason for Change	Version Status
26/08/2022	1.0	Issued to Market	Final

Part 1 DETAIL OF DISCUSSION REQUEST / MARKET CHANGE REQUEST	
Requesting Organisation(s)	ESB Networks
Request Originator Name	Carl Murphy
Date Raised	21/09/2021

Classification of Request	
Change Type	Non-Schema Impacting

Detail of Request	
Reason for Request	

Background

On 29th June 2022 CRU briefed Market Participants regarding a suite of measures they were considering to introduce. One of the measures under consideration was the introduction of a peak tariff between 17:00 – 19:00.

On 18th August 2022 CRU published a consultation [“Electricity Network Tariffs 2022/23 – National Energy Security Framework Response Proposals”](#) which further proposes the introduction of a peak tariff for a number of DUoS Groups. CRU also briefed Market Participants on the consultation on 18th August 2022. CRU have indicated that a decision will be made on the consultation on the 15th of September.

ESB Networks are exploring what these changes will mean from a Retail Market Design and Central Market Systems perspective.

Although a CRU consultation decision is yet to be made, ESB Networks are raising this MDR to provide visibility to Market Participants of the changes to be expected to the Retail Market Design if CRU’s decision on the 15th September is to implement peak time of use tariffs from 1st October 2022. The intention is that visibility will prove useful for Market Participants and mitigate some of the risk of a very aggressive implementation timeline.

Scope of MDR

This MDR will focus on the changes required to introduce peak TOU billing for the following DUoS Groups:

- DG7
- DG7A
- DG7B
- DG8
- DG8A
- DG8B
- DG9
- DG9A
- DG9B

Out of Scope of MDR

Mechanisms are already in place to facilitate the peak TOU billing for DG1, DG2 and DG5 MPRNs. Suppliers are not billed for DUoS by ESB Networks for DG10 MPRNs.

Proposed Solution

The only area of Retail Market Design that is required to change is the DUoS area. There are no changes to other areas of the Retail Market Design. The changes are summarised as follows:

The new peak Time of Use (TOU) will be for the hours of 17:00 to 19:00 each day. The changes will be effective from 01.10.2022.

The introduction of the new peak TOU is for DUoS Groups:

- DG7
- DG7A
- DG7B
- DG8
- DG8A
- DG8B
- DG9
- DG9A
- DG9B

All MPRNs in the above DUoS Groups will be billed for DUoS with the new peak TOU tariff where the read date being billed is >= 01.10.2022.

The following backing documents that accompany a DUoS invoice will be changed:

- MPRN Level Invoice Item Detail
- DUoS Group Summary Report

Updates to the MPRN Level Invoice Item Detail:

There will be 6 new fields inserted into the file after field 28 and before field 29 to give the following new fields:

Field	Description	Start	End	Field	Description
29	QH Day Off Peak KWH	08:00:00	16:59:59	30	QH Day Off Peak Charge
		19:00:00	22:59:59		
31	QH Night Off Peak KWH	00:00:00	07:59:59	32	QH Night Off Peak Charge
		23:00:00	23:59:59		
33	QH Peak KWH	17:00:00	18:59:59	34	QH Peak Charge

6 new fields

M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	
1	Field 13	Field 14	Field 15	Field 16	Field 17	Field 18	Field 19	Field 20	Field 21	Field 22	Field 23	Field 24	Field 25	Field 26	Field 27	Field 28	Field 29	Field 30	Field 31	Field 32	Field 33	Field 34	Field 35	Field 36	
2	night_charge	24hr_kwh	24M_charge	std_charge	capc_charge	mic	max_kwh	mic_recharge	resc_kwh	lpl_recharge	dyopp_kwh	dyopp_charge	nightop_kwh	nightop_charge	peak_kwh	peak_charge	q1_dyopp_kwh	q1_dyopp_charge	q1_nightop_kwh	q1_nightop_charge	q1_peak_kwh	q1_peak_charge	charges_sum	betres	
3																									
4	0.26						111.8		37200															35.87	104.5
5	1.33						111.8		36000															32.77	101.12
6	8.26						111.8		37200															35.87	104.5
7	8.26						111.8		37200															35.87	104.5
8	7.33						111.8		36000															32.77	101.12
9							111.8		37200																
10							111.8		36000								15120	75.93	11160	8.26	2480	25.59	103.76	113.66	
11	22.93			148.13	663.33	120	100		21450	113.48						15600	73.48	10900	7.99	2400	24.77	106.24	115.8		
12	27.08			148.13	663.33	120	61		13400	39.47															
13				148.13	635.76	115																			
14																									
15																									
16																									

Rows 1 & 2 above are included in the above sample file for illustrative purposes only, these descriptions are not included in the actual file.

Updates DUoS Group Summary Report:

There will be 6 new columns inserted into the file before the Total Net Charges column to give the following new columns:

QH Day Off Peak		QH Night Off Peak		QH Peak	
kWh	Charges	kWh	Charges	kWh	Charges

Changes will need to be made to the following Briefing Documents from Retail Market Design Documentation to reflect this change:

- DUoS, Transaction and PSO Payment Process
- Supplier Communications Resulting from DUoS Billing & Invoicing

Scope of Change

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

Market Messages

Message No.	Message Name	ROI
No Impact	No Impact	No Impact

Data Definitions

No Impact

Data Codes

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Market Message Implementation Guides	
Message Guide	Yes/No
No Impact	No Impact

Market Process Diagrams – MPDs			
Market Process Number	Market Procedure	Affected	
No Impact		Yes	

Guidance Documentation		
Document	Version	Affected
No impact		No Impact

Briefing Document		
Briefing Document	Affected	
DUoS, Transaction and PSO Payment Process	Y	
Supplier Communications Resulting from DUoS Billing & Invoicing	Y	

User and Technical Documents			
Reference	Name	Version	Affected
No impact			No Impact

Comments

Part 2 - Performance and Data Changes	
Market Messages volume, processing etc.	
Data	
Details of Data changes e.g. cleansing	

Approved by	CRU