



Public

Volume Reallocation Webinar

8 November 2017

Joy Nnamani
Hannah Pargeter

Disclaimer

Please note that whilst this document has been prepared with due care by EMR Settlement Limited on behalf of the Low Carbon Contract Company and the Electricity Settlement Company Limited, EMR Settlement Limited, Low Carbon Contract Company and Electricity Settlement Company Limited do not make any representation, warranty or undertaking, express or implied, in relation to the completeness and or accuracy of information contained in this document, and accordingly EMR Settlement Limited, Low Carbon Contract Company and Electricity Settlement Company Limited shall not be liable for any damages resulting from the use of this information or action taken in reliance on it.

What we'll cover?

- Poll Question
- CMVR Registered Participant – EMR Delivery Body process
- What is Volume Reallocation?
- Responsibilities
- Volume Reallocation scenario and timetable
- **Questions**
- Capacity Volume Register
- Capacity Market Volume Reallocation Notification (CMVRN)
- Settlement
- BSC Settlement Data
- **Questions**
- Poll Question response

Feedback – Poll Question

Would you like to participate in volume reallocation testing?



Volume Reallocation

November 2017

Volume Reallocation

- Capacity Agreement holders are eligible to take part in volume reallocation during the Delivery Year
- **Capacity Providers** are CMU's with agreements, registration for volume reallocation is done directly with the Delivery Body and as per rule 10.1A.1 are acceptable transferees (Capacity Market Rule 9.2.6, 9.2.7 or 9.2.8)
- The Capacity Market Rules Amendment 2017, opened up volume reallocation to Capacity Providers who do not hold an agreement for that Delivery Year
- Pre-requisites to become a CMVR Registered Participant:
 - Successfully prequalified*; or
 - Qualified as Secondary Trading Entrants

* Substantial Completion Milestone (SCM), Proven DSR Capacity and Metering Assessment – Full details in the guidance on Volume Reallocation Registration.

Volume Reallocation

- Registration is done on the Delivery Body Portal (remember CMU's with agreements may volume reallocate without registering)
- To date not all participants have registered and Delivery Body have sent reminders

Volume
Reallocation
Guidance

CMVR
Registered
Participants

- Any questions please contact the Delivery Body EMR team:
emr@nationalgrid.com
+44 (0)1926 655 300

What is Volume Reallocation?

Volume Reallocation and parameters are covered in Chapters 8 and 10 of the Capacity Market Rules.

- ✦ A process where Capacity Providers may reallocate volume (in MWh) for any Settlement Period that is part of a Stress Event from one over-delivering CMU to another under-delivering CMU.
- ✦ Capacity Providers have the opportunity to reduce the amount of Penalty Charges they owe.
- ✦ Volume reallocation window opens 11 Working Days after the end of a month in which a Stress Event occurs.
- ✦ Capacity Providers who have over or under delivered may trade volume between each other.

What needs to be completed with EMRS?

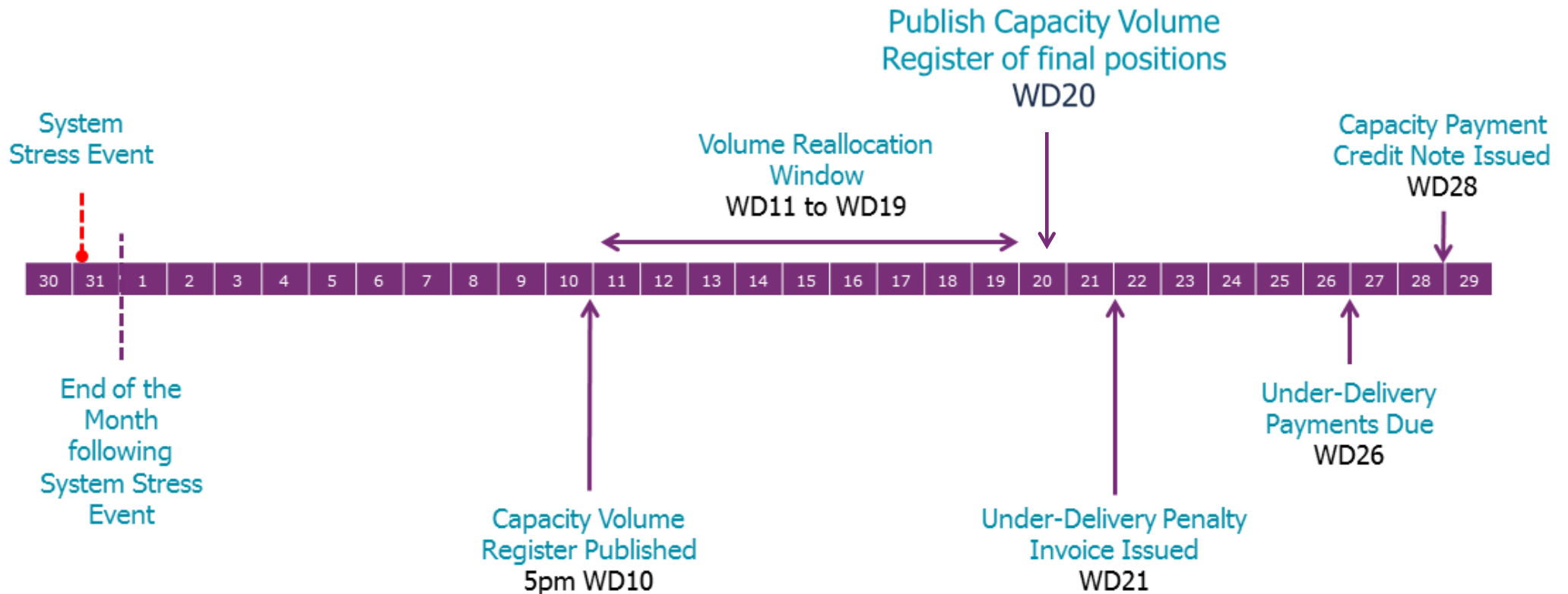
EMRS require **Capacity Providers** and CMVR Registered Participants to have completed:

- ✦ Capacity Provider Registration;
- ✦ Validated Aggregation Rules; and
- ✦ Approved Metering.

Responsibilities

Delivery Body	Capacity Providers	EMRS
Identify acceptable transferees	Register with EMRS to participate in Volume Reallocation (Complete <u>WP22 – Capacity Market Registration Form</u>) Complete data validation exercise with EMRS	Publish the Capacity Volume Register (CVR)
Maintain a register of Capacity Market Volume Reallocation Participants	Identify CMUs to trade with	Receive, match and validate Capacity Market Volume Reallocation Notification (CMVRNs)
	Complete and submit CMVRNs	Republish the CVR every day with latest positions for each CMU while the Volume Reallocation window is open using the latest Settlement data available
	Pay Penalty Charges for any outstanding Under-Delivery volume	Calculate and invoice for Penalty Charges and Over-Delivery payments when the Volume Reallocation window closes

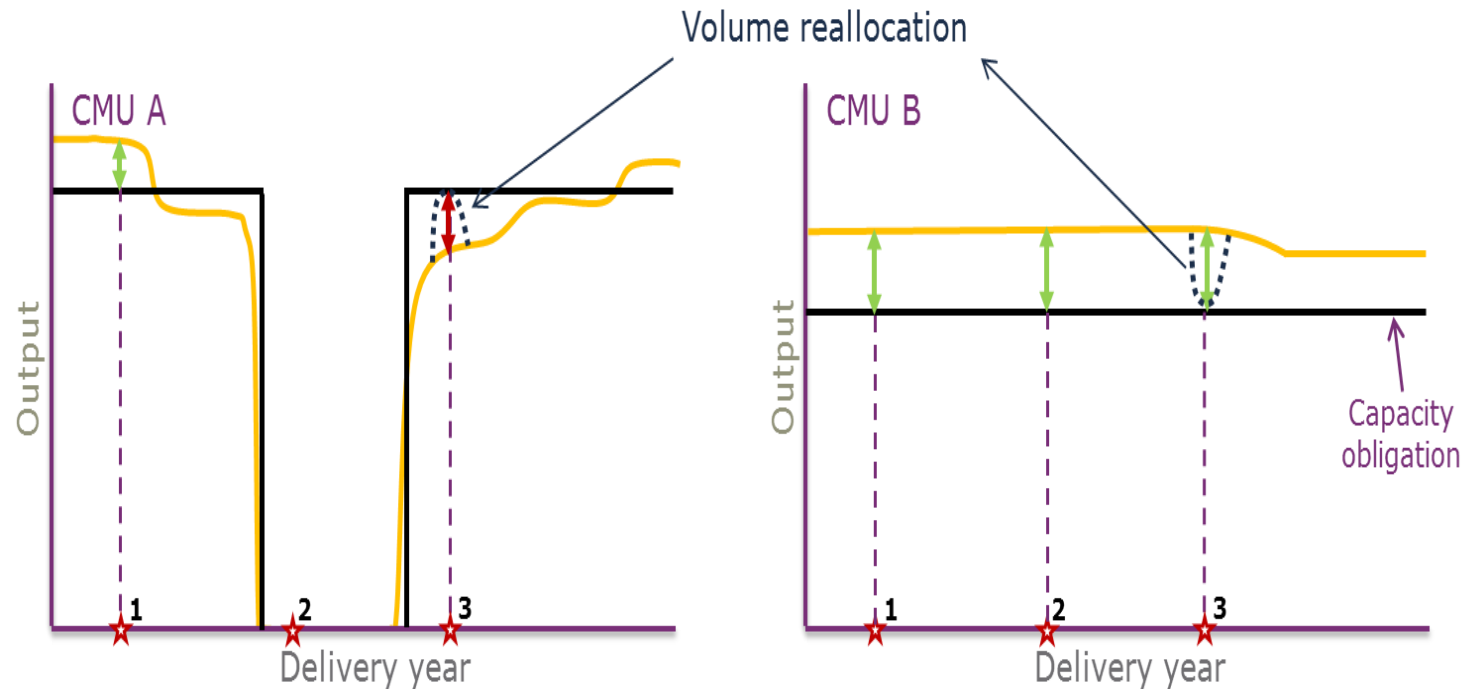
Timeline for Volume Reallocation



EMRS will calculate and issue Credit Notes for Over-Delivery as soon as practicably possible after the end of the Delivery Year

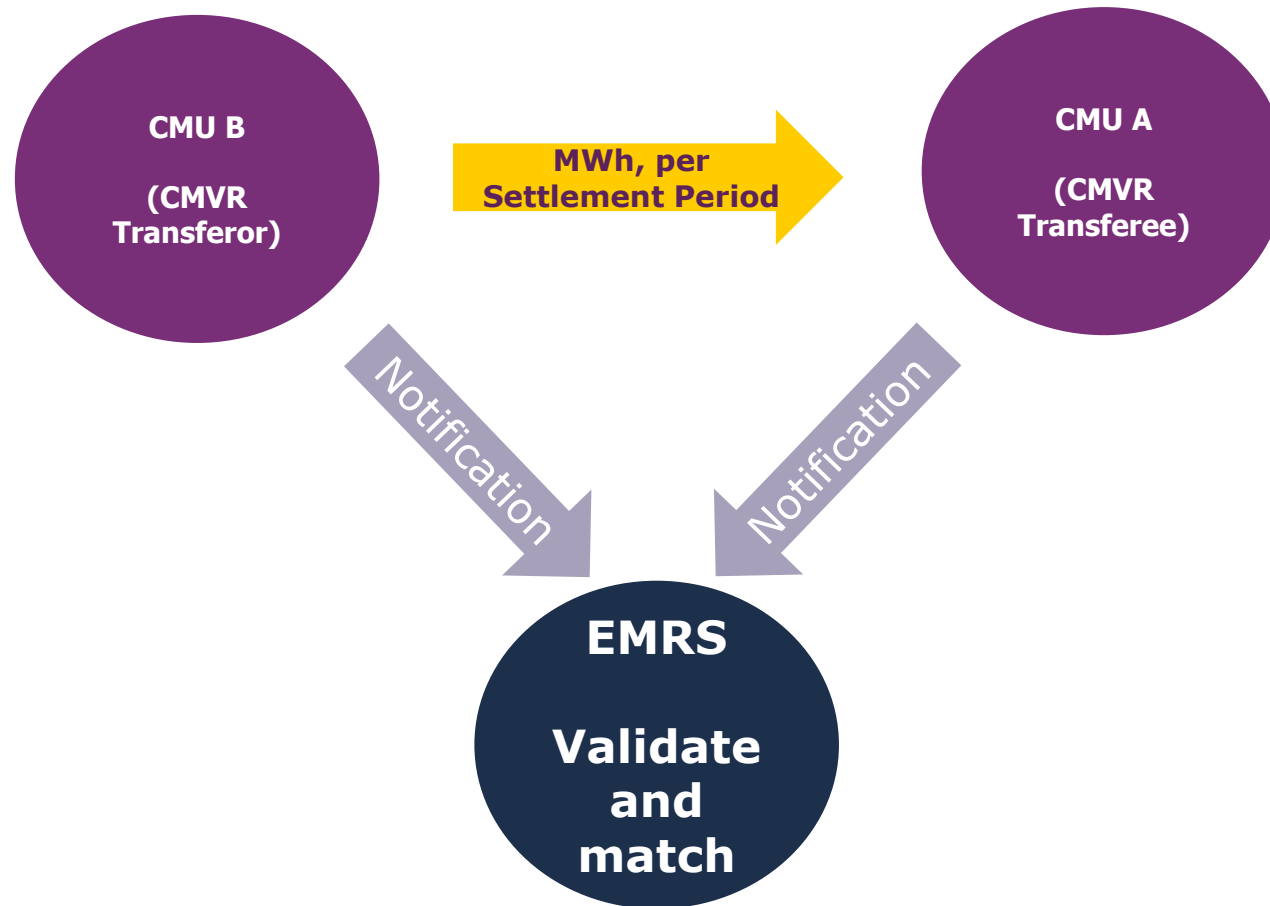
Volume Reallocation Scenario

Stress Events have occurred at periods 1, 2 and 3 in the Delivery Year.



- ✦ CMU A under-delivered during 2 and 3.
- ✦ CMU B over-delivered during all three Stress Events.
- ✦ CMUs agree to trade, **CMU B** Over-Delivery in period 3 to make up **CMU A's** shortfall.

How can CMU A avoid under-delivery penalties?



QUESTIONS?

What does the Capacity Volume Register include?

Capacity Volume Register includes:

- ✦ **E** - Capacity delivered by a CMU during the Settlement Period
- ✦ **ALFCO** - Adjusted Load Following Capacity Obligation
- ✦ **IOD** - Initial Over-Delivery Volume (if any)
- ✦ **IUD** - Initial Under-Delivery Volume (if any)
- ✦ **ACMV** - Aggregated traded Capacity Market Volume
- ✦ **AE** - Adjusted metered output, which is equal to E plus ACMV

Settlement Date	Settlement Period	CMU ID	E	ALFCO	IOD	IUD	ACMV	AE
27/04/2017	33	ENG_01	300.02	200	100.02	0	0	300.02
27/04/2017	33	GEN_12	0	120	0	120	0	0
27/04/2017	34	ENG_01	300.02	200	100.02	0	0	300.02
27/04/2017	34	GEN_12	0	120	0	120	0	0
27/04/2017	35	ENG_01	300.02	200	100.02	0	0	300.02
27/04/2017	35	GEN_12	0	120	0	120	0	0
27/04/2017	36	ENG_01	300.02	200	100.02	0	0	300.02
27/04/2017	36	GEN_12	0	120	0	120	0	0
27/04/2017	37	ENG_01	300.02	200	100.02	0	0	300.02
27/04/2017	37	GEN_12	0	120	0	120	0	0
27/04/2017	38	ENG_01	300.02	200	100.02	0	0	300.02
27/04/2017	38	GEN_12	0	120	0	120	0	0
27/04/2017	39	ENG_01	300.02	200	100.02	0	0	300.02
27/04/2017	39	GEN_12	0	120	0	120	0	0
27/04/2017	40	ENG_01	300.02	200	100.02	0	0	300.02
27/04/2017	40	GEN_12	0	120	0	120	0	0
27/04/2017	41	ENG_01	300.02	200	100.02	0	0	300.02
27/04/2017	41	GEN_12	0	120	0	120	0	0
27/04/2017	42	ENG_01	300.02	200	100.02	0	0	300.02
27/04/2017	42	GEN_12	0	120	0	120	0	0
27/04/2017	43	ENG_01	197.48	100	97.48	0	0	197.48
27/04/2017	43	GEN_12	0	110	0	110	0	0
27/04/2017	44	ENG_01	197.48	100	97.48	0	0	197.48
27/04/2017	44	GEN_12	0	110	0	110	0	0
27/04/2017	45	ENG_01	197.48	100	97.48	0	0	197.48
27/04/2017	45	GEN_12	0	110	0	110	0	0
27/04/2017	46	ENG_01	197.48	100	97.48	0	0	197.48
27/04/2017	46	GEN_12	0	110	0	110	0	0

Where will the Capacity Volume Register be published?

EMR SETTLEMENT LTD [GB] | <https://www.emrsettlement.co.uk/settlement-data/settlement-data-capacity-providers/>

EMRS Portal LCCC ESC ELEXON



Contact us

Subscribe

Search

ABOUT

PUBLICATIONS

SETTLEMENT DATA

STAKEHOLDER SUPPORT

NEWS AND EVENTS

Home > Settlement Data > Settlement Data for Capacity Providers

SETTLEMENT DATA FOR CAPACITY PROVIDERS

Here you will find all the key information on settlement if you are a Capacity Provider.

[EMRS Settlement Calendar](#)



[Key Payment Figures](#)



[Capacity Volume Register](#)



Capacity Volume Register (CVR) will be published from 10th to 19th Working Day inclusive after the end of the month in which a System Stress Event occurred.

Delivery Year 2017-18 – No System Stress Events

Useful links

[EMR Delivery Body](#)

[Electricity Settlements Company](#)

[GB Electricity Capacity Market Notices](#)

Related content

[Working Practices](#)

[Guidance](#)

[Stakeholder Support](#)

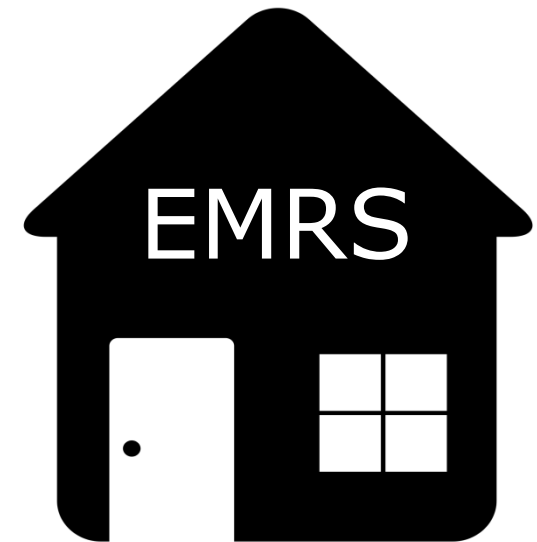
Capacity Market Volume Reallocation Notification

When completing a **Capacity Market Volume Reallocation Notification** (CMVRN), please be aware of the following:

- ✦ Trading CMUs must each submit CMVRNs with matching data items
- ✦ The volume in the transferor's file should always be **negative** and the volume in the transferee's file should always be **positive**
- ✦ You can include **multiple** Settlement Periods in one CMVRN
- ✦ Volume should be **expressed in MWh**
- ✦ An initially over-delivering CMU cannot trade an amount so that their remaining Over-Delivery exceeds the Initial Over-Delivery Volume or lead to them under-delivering
- ✦ An initially under-delivering CMU, cannot trade an amount so that their remaining Under-Delivery exceeds the Initial Under-Delivery Volume or lead to them over-delivering

Who can submit CMVRNs?

- ✦ Primary Party Authority
- ✦ Finance Authority
- ✦ Operating Authority
- ✦ Trading Contact



EMRS will not receive any CMVRNs from a contact who is not registered as one of these roles so ensure you have someone registered in at least one of these roles.

Registration guidance can be found in WP31

CMVRN Format

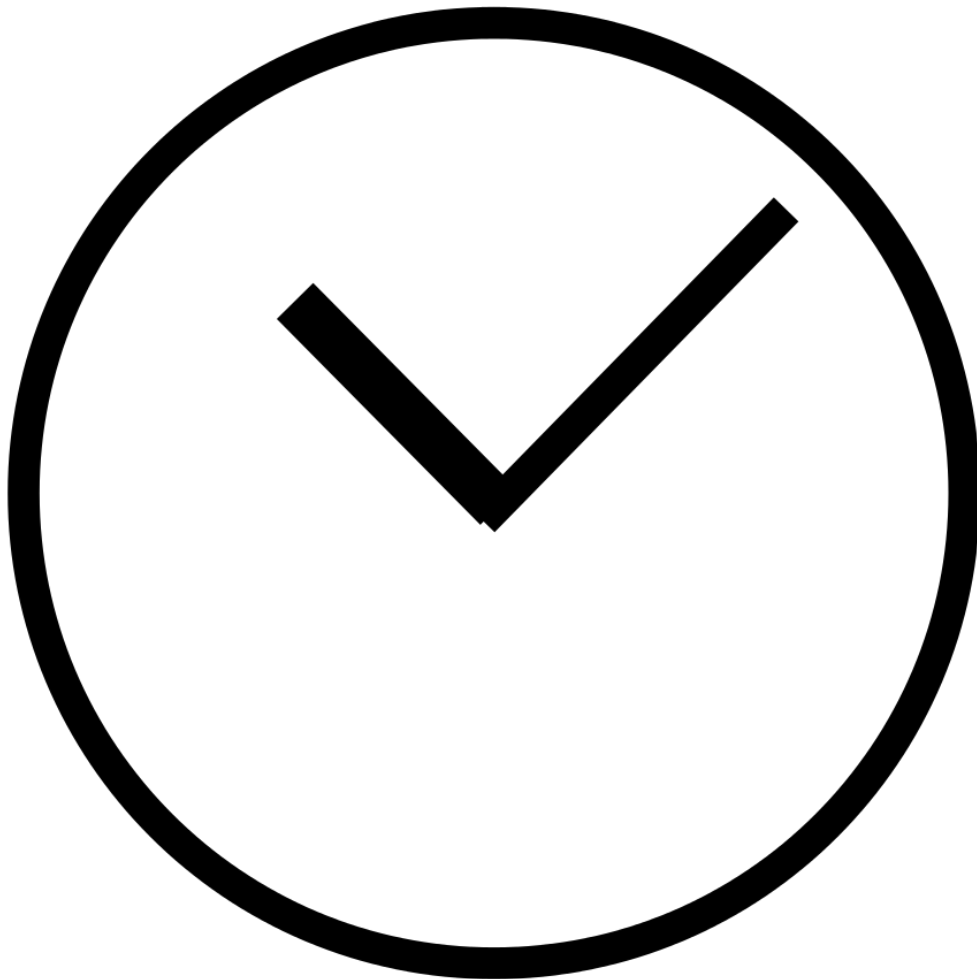
The format of the **Capacity Market Volume Reallocation Notification** (CMVRN)

CMVR,EMR Party ID of submitting company
CMVRN_Transferor CMU ID_Transferee CMU_ID
From EMR Party ID,CMU ID
To EMR Party ID,CMU ID
Settlement Date,Settlement Period,volume to 3 d.p.
FTR

```
1 CMVR,GENERATE
2 CMVRN_GT_BM3_STORGT_101
3 RegPart,GT_BM3
4 GENERATE,STORGT
5 26/10/2014,6,100.000
6 FTR
7
```

- ✦ The CMVRN should be submitted as a CSV file
- ✦ The file should be named in the following way:
 - ✦ CMVRN_Date_Sender_xxx.csv
- ✦ Where date is the Date of the data in the file and Sender is the EMR Party ID sending the file and xxx is the file number e.g. 001 for the first file you send on that day

Capacity Volume Register & Trading – Timings



- All CMVRNs received between 8.30am and 4pm will be reflected in the CVR published by 5pm on that same day
- CMVRNs received after 4pm will be processed the following day
- At 5pm on Working Day 19 EMRS will publish the CVR with all trades received up to 4pm
- On Working Day 20, ERMS will publish a final CVR which will include any trades received between 4pm and 5pm on Working Day 19
- The final CVR is to indicate everyone's positions as at **5pm on Working Day 19**, the close of the Volume Reallocation window

How do I know if the trade is successful?

Once EMRS has validated the CMVRN's received,

1. You will receive an email to confirm your trade has been successful or unsuccessful
2. If unsuccessful, the email will contain the reasons why your CMVRN was not accepted

❖ **If unsuccessful, while the volume reallocation window is open you can re-submit the CMVRN.**

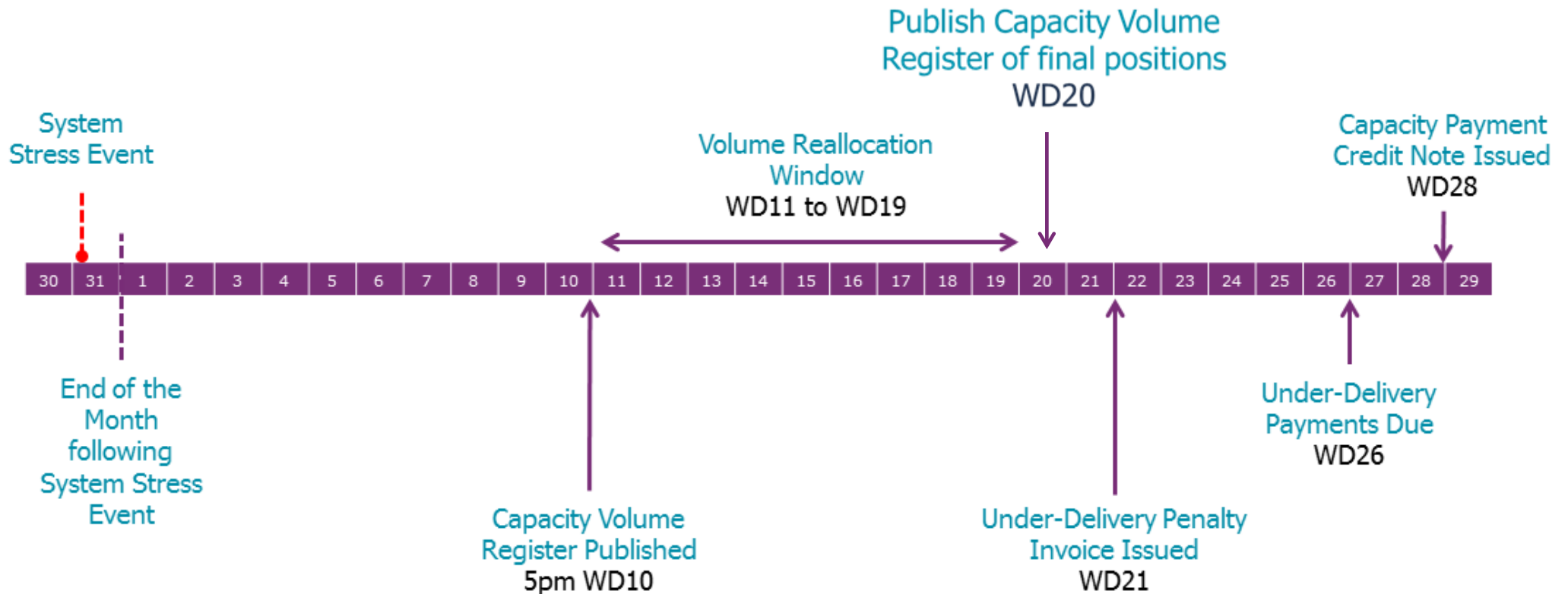
Settlement

- ✦ When the volume reallocation window has closed, EMRS will calculate penalty charges for CMUs with a remaining Under-Delivery amount.
- ✦ The invoice will be issued on the 21st Working Day of the month following the month in which there was a Stress Event.
- ✦ **Over-Delivery Payments** are calculated and paid at the **end of the Delivery Year** when all Under-Delivery Penalties have been received from Under-Delivering Capacity Providers.
- ✦ Under-Delivery Penalty "Pot" is used to pay Over-Delivery Payments.
- ✦ In the event, **no Penalty Payments** are received as a consequence of a System Stress Event then **no payments for Over-Delivery are made.**

BSC Settlement Data

- Capacity Volume Register (CVR) uses the **latest data available** throughout the volume reallocation window
- If a later Settlement Run takes place while the volume reallocation window is open, the updated data will be used to recalculate your performance during the Stress Event
- You may see an adjustment in your calculated performance (E) before the close of the window
- This may affect any Over or Under Delivery Volume initially reported in the CVR
- EMRS will make Capacity Providers and CMVR Registered Participants aware if this occurs prior to the volume reallocation window being open

Timeline for Volume Reallocation



EMRS will calculate and issue Credit Notes for Over-Delivery as soon as practicably possible after the end of the Delivery Year

QUESTIONS?

Feedback – Poll Question

Would you like to participate in volume reallocation testing?

More information

Working Practices

- ✦ WP22 - Applicant & Capacity Provider Registration
- ✦ WP31 - Amending EMR Party Details
- ✦ WP25 - EMR Aggregation Rules
- ✦ WP48 - Volume Reallocation

<https://www.emrsettlement.co.uk/publications/working-practices/>

Capacity Volume Register (CVR)

<https://www.emrsettlement.co.uk/settlement-data/settlement-data-capacity-providers/>

EMRS Service Desk

- ✦ contact@emrsettlement.co.uk
- ✦ 020 7380 4333



**EMR
SETTLEMENT
LIMITED**



**LOW CARBON
CONTRACTS COMPANY**



**Electricity
Settlements
Company**