

Generators and Interconnectors Quick Reference Guide | Mar 2021

BMU (Balancing Mechanism Unit) Availability

Generators/Interconnectors are obliged by Grid Code OC2 to submit available capacity within the agreed timeframe of changing planned availability. Some submit via eGAMA, some via REMIT; you will have been notified which system you are using.

NOTE: If you have already submitted data via the Elexon REMIT Portal, do not duplicate in eGAMA.

- On the **BMUs Availabilities** tab, click the **New** button
- Select the relevant option and click **Next**:
NOTE: if you create a Multi Shaft Availability here; the form at step 8 is displayed.

The screenshot shows a form titled "New BMU Availability". Under "Select a record type", there are two radio buttons: "BMU Availability" (selected) and "Multi Shaft Turbine Availability". At the bottom right, there are "Cancel" and "Next" buttons.

- Complete the mandatory fields (marked *) – *complete the dates before the Affected Unit.*

The screenshot shows a form titled "New BMU Availability: BMU Availability". It has several sections: "Information" with fields for Message ID, Event Status (Active), Period Start (Date/Time), Period End (Date/Time), Affected Unit (3193), Availability Capacity (MW) (10), Normal Capacity (MW), Export Capacity, Unavailability Type (None), and Event Type (Evolution, Unavailability). There are "Cancel", "Save & New", and "Save" buttons at the bottom.

- Interconnectors** only: to add **Multipole Availability** on the screen above, at the **Cause** field, enter codes as per examples below, using ~ to separate records:

~/Pole1,2020-07-06 13:00:00Z,2020-07-09 13:00:00Z,200
~/Pole2,2020-07-06 13:00:00Z,2020-07-09 13:00:00Z,200
~/Pole3,2020-07-06 13:00:00Z,2020-07-09 13:00:00Z,300

- Scroll to complete **Affected Unit** field; input at least the first two characters of your BMU followed by an *, select the Unit, then click **Save** (you may also see REMIT units, please only enter data for eGAMA units):

The screenshot shows a search field for "Affected Unit" with "BMU-001" entered and a magnifying glass icon.

- The BMU Availability is created; create a "child" Availability by scrolling down and clicking **New** at **Multi-Shaft Turbine Availabilities**
- Select **Multi Shaft Turbine Availability**
- Complete the form (*NOTE: if you leave dates blank, they pull through from the parent availability*) and click **Save**:

The screenshot shows a form titled "New BMU Availability: Multi Shaft Turbine Availability". It has fields for Message ID, Event Status (Active), Period Start (Date/Time), Period End (Date/Time), Affected Unit (3193), Availability Capacity (MW) (10), Parent BMU Availability (BMUA-0000011), and Cause. There are "Cancel", "Save & New", and "Save" buttons at the bottom.

- Your child availability is created below:

The screenshot shows a table titled "Multi-Shaft Turbine Availabilities (1)". It has columns for Message ID, Event Status, Period Start, and Period End. The first row shows Message ID BMUA-0000012, Event Status Active, and empty Period Start and Period End fields.

NOTE: If you change the Event Status of a parent availability to Dismissed, the Event Statuses of all its child availabilities are also changed to Dismissed.

- You can use the filter in the top left of the main BMUs Availabilities screen to display the availabilities relevant to you:

The screenshot shows a list view titled "BMUs Availabilities" with a filter set to "Active Multi Shaft Turbine Availability". The list includes items like "Active BMU Availabilities", "Active BMU Availability Messages", "Active Multi Shaft Turbine Availability" (checked), "All Active Availabilities", "All Active Availability Messages", "All Availabilities", "All Availability Messages", "BMU Availabilities", and "Multi-Shaft Turbine Availabilities".

Bulk Upload CSV

On the Bulk Upload CSV tab, you can perform either an insert of new BMU Availabilities or an update to existing data; you need a specific CSV file format. Uploading BMU Availabilities is the most common way of adding them to eGAMA.

- Create CSV file in industry recognised format (**eGAMA OC2 Submission Interface Specification**):

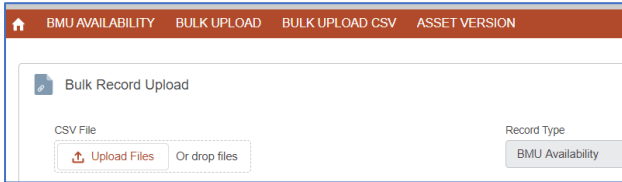
Asset Type	Availability Capacity	BMU Id	Cause	Element/Attribute Name	Event Status
Export Capability	Normal Capacity	Period End	Period Start	Unavailability Type	

Note cell C2 below has a "/" at the end of the BMU ID; this denotes a Multi-Shaft Turbine:

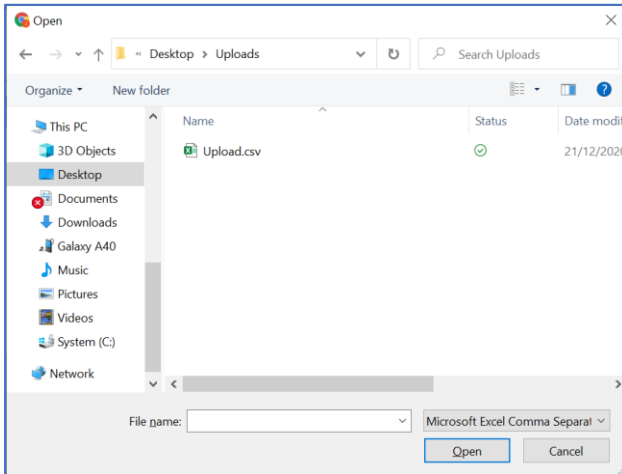
	A	B	C	D	E	F	G	H	I	J	K
1	Generator	5	Test1233	Test	Active	5	5	28/12/2020 17:00	22/12/2020 09:00	Planned	
2	Generator	3	Test1233/ST1	Test	Active	3	3	28/12/2020 17:00	22/12/2020 09:00	Planned	

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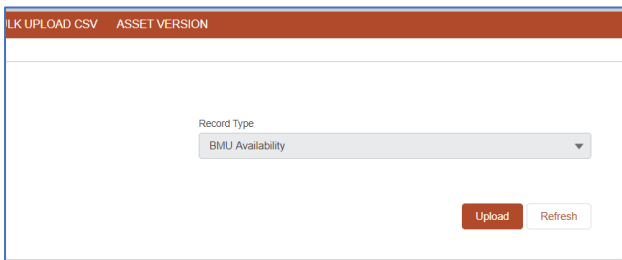
- On the **Bulk Upload CSV** tab, at the dropdown, select **Upload Files**:



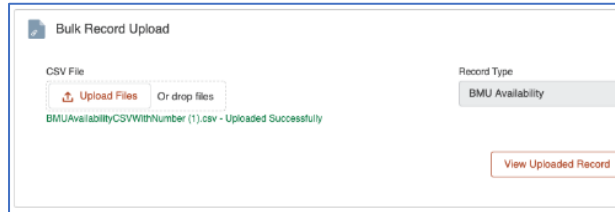
- Browse to the CSV file created at step 1 above, select it and click **Open**:



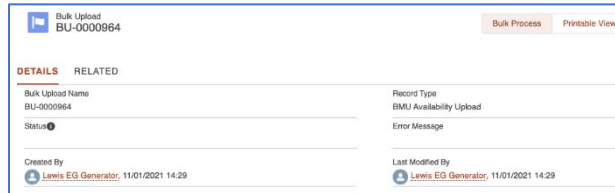
- Click the **Upload** button (this transfers your file to eGAMA) :



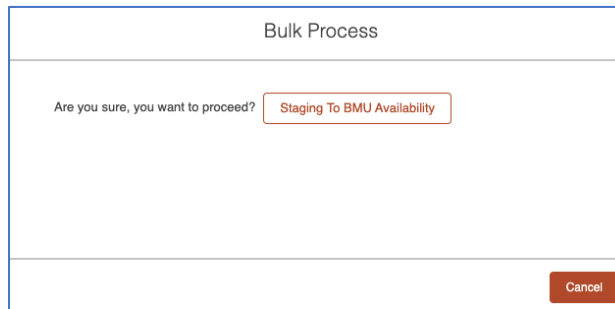
- Once uploaded, click **View Uploaded Record**:



- Click **Bulk Process** to move the uploaded BMU Availabilities from staging to eGAMA:



- At the confirmation dialog, click **Staging To BMU Availability** (this processes your file):



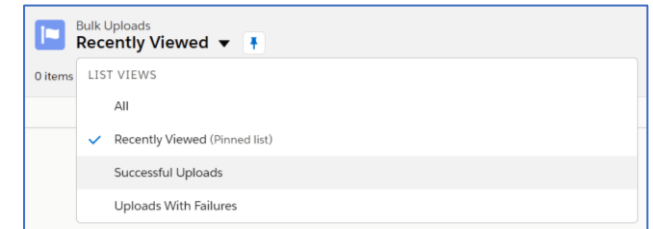
The Bulk Upload is created; press **F5** to refresh the screen; **Status** field shows **Success**, or **Failed** with **Error Message** if there were issues with the upload.

You will also receive an email to the user logged in as to the success or failure of the upload once it is complete.

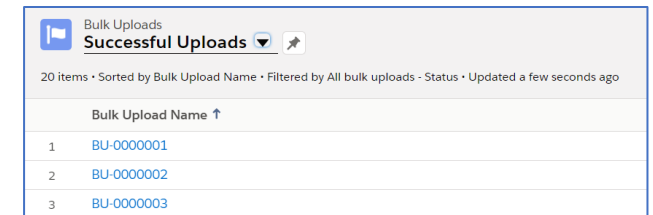
Bulk Uploads

On the Bulk Uploads tab, you can see the staging records of uploaded BMU Availabilities.

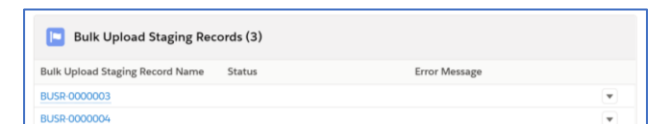
- Click the **Bulk Uploads** tab
- Filter to view successful, failed or all uploads:



- Select a **Bulk Upload Name** to view it:



- Click **Related** tab to view **Staging Records**:



NOTE: If the uploaded record showed a **Status** of **Failed**, with an **Error Message**, click the **RELATED** tab to view the **Bulk Upload Staging Records** Depending on the issue, you may be able to resolve the error (e.g. **End Date** not greater than **Start Date** etc.). Open one of the **Staging Records**, click its **Edit** button top right, fix any errors, **Save**, then submit the bulk process again; only the corrected record is reprocessed.