

Outage Planning Agent

Who? Grid User or a Third Party appointed by the GU

- By default, the Grid User (signatory of connection contract) is the OPA
- The Grid User may delegate the task to a **Third Party** (market party).

What?

- The task of planning the availability status of a (relevant) power generating module, storage device unit, or demand facility
- The **task of delivery active power capacity restrictions,** i.e., temporary deviations from the structural Pmax & Pmin

Which assets ? (Mandatory)

- PGM B/C/D
- Storage B/C/D
- TSO-connected Demand facilities

Third party

Grid User

(default)

Responsibilities

OPA = contact person for Elia regarding Outage Planning **Grid user** = coordinator with other providers/agents.

Grid user remains liable

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Processes per type of asset

There are two types of processes that follow two types of calendar:

- Default calendar : standard process
- Alternative calendar : light process

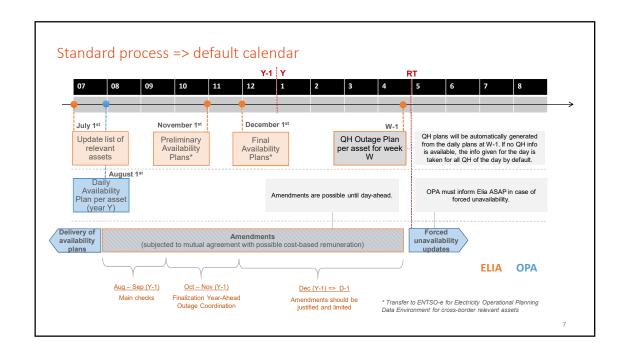
| | PGM & Energy Storage D/C | PGM & Energy Storage B | TSO connected Demand Facilities |
|---------------------------|--------------------------|------------------------|---------------------------------|
| Cross-border relevant | Standard process | Standard process | Standard process |
| Non cross-border relevant | Standard process | Light process | Light process |

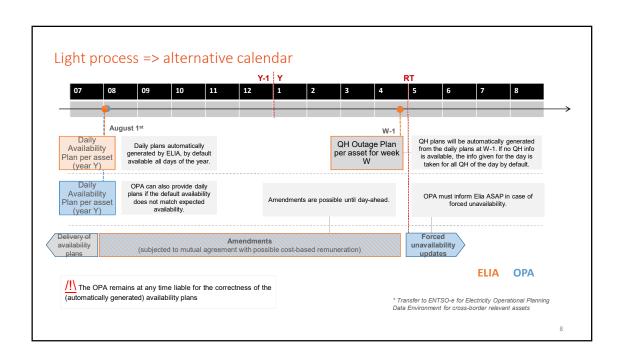
For the light process, ELIA assumes default information for the availability plans for all days of the year :

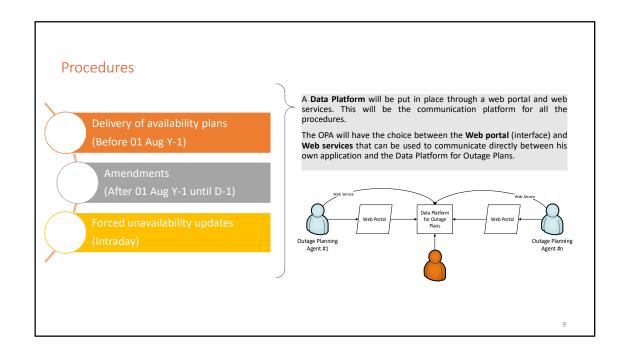
- Availability status = "Available"
- Active power capability restriction = none (therefore the full installed capacity is presumed to be available)

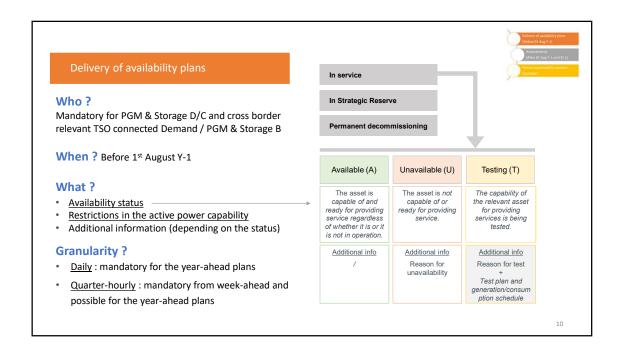


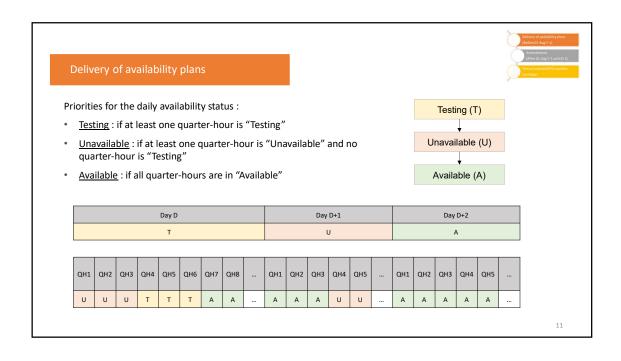


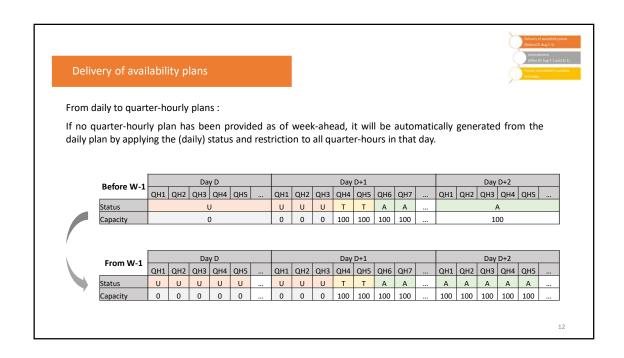




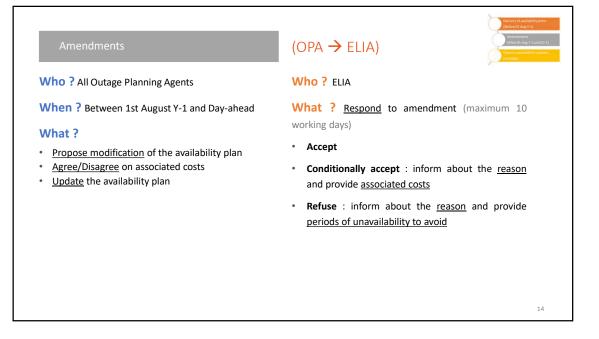


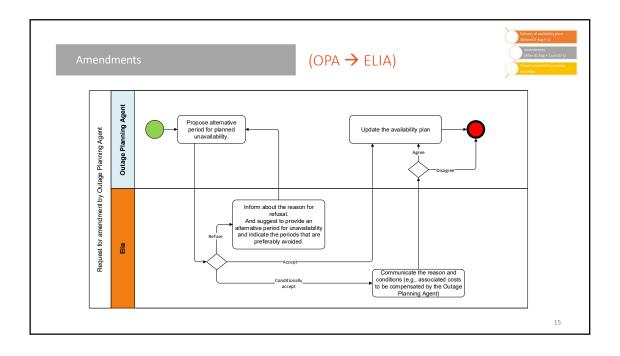


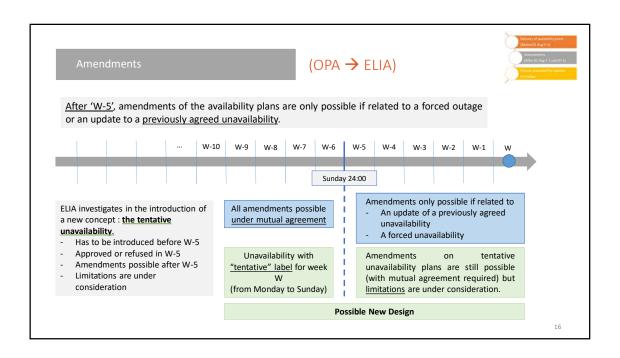




Amendments (ELIA OPA) Who ? ELIA Who ? OPA What ? • Request alternative period for unavailability and provide periods to avoid • Accept or refuse the proposed alternative period for unavailability plan The propose alternative period for an unavailability plan • Propose alternative period for an unavailability with possible associated conditions and/or costs • Update the availability plan The propose alternative period for an unavailability plan • Propose alternative period for an unavailability plan • Update the availability plan The propose alternative period for an unavailability plan • Update the availability plan • Update the availability plan The propose alternative period for an unavailability plan • Update the availability plan







Amendments

Remuneration



The requested cost for amendments has to be :

- Reasonable
- · Directly-related to the requested amendment
- Demonstrable

Rules for multiple amendments:

- If an amendment makes the previous amendment requested by the other party void, then the
 requesting party should pay back the remuneration that was paid for the earlier amendment.
- If an amendment annuls a previously requested amendment by the same party, the remuneration for the first amendment should not be paid back.

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Forced unavailability undate



Who? All Outage Planning Agents

When?

• In real-time, as soon as possible

A forced-outage always occurs in real-time, the OPA has the responsibility to inform ELIA as soon as possible and to indicate how long the effect will last.

This will be done through the data-platform.

What?

- Inform Elia in case of forced unavailability (forced outage or forced restriction on the active power capability) on an asset
- * Communicate the $\underline{\text{reason}}$ for the forced unavailability and the $\underline{\text{time to regain (fully)}}$ available

Backup

Schedules of tests

Who? All Outage Planning Agents when there is a "Testing" status on an asset

When? Between one month and one week before the begin of the "Testing" status

What?

- A detailed <u>test plan</u> (the requirements for the test plan will be described in the Terms & Conditions for the Outage Planning Agent)
- An <u>indicative generation schedule</u> (for PGM) or also consumption schedule (for energy storage devices) or an indicative consumption schedule (for Demand facilities)
- <u>Uncertainties</u> about the test plan/schedule

Granularity? Quarter-hourly

Remuneration for amendments

The requested cost for amendments has to be

Reasonable :

the remuneration concerns an additional cost or loss of revenue that cannot be recovered elsewhere, based on certain information available at the moment of the request

• Directly-related to the requested amendment :

the remuneration must be for a cost directly linked to the requested amendment, a cost that would not be incurred if the amendment was not requested

Demonstrable:

the remuneration must be supported by documents justifying the amount at the moment of the price offer, it can also be demonstrated based on past experiences with similar amendments.



Contractual responsability after implementation iCAROS design

The <u>Grid User</u> appoints an Outage Planning Agent in the **Connection Agreement**. The designated party will be responsible for the outage planning of the assets in the Connection Agreement subject to outage planning obligation.

The <u>Outage Planning Agent</u> sign with Elia a regulated **T&C Outage Planning Agent**.

The Grid User remains liable for:

- assuring that the OPA delivers the service in compliance with the European Guidelines
- the execution of the Outage Plans in real-time

 $\frac{\text{The Grid User therefore remains liable for the}}{\text{consequences of deviations from the availability plan in}} \\ \\ \underline{\text{real-time}}$

