ABB MOTION SERVICES

ABB Ability™ Digital Powertrain condition monitoring for rotating equipment
What's new? PI33

See topics

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New features

New Energy Appraisal - Fleet overview report

The new "Energy Appraisal - Fleet overview report" provides energy efficiency insights by using the real-time data collected via the ABB Ability Digital Powertrain.

Note: This feature is only available for *Organization Admin*.

Portal:

1. In the Smart Sensor portal, go to Organization Management → Reports → Get your Energy Appraisal.

2. In the Get your Energy Appraisal window, read the information on different ABB report types. Click Energy Fleet Overview, to generate the report. If you need a different type of report, click Get Advisory and contact ABB support for additonal information.

Note:

- You can generate the report only once a month, if the report was already generated in the previous 30 days, you must wait until the time elapses or contact ABB support for a different type of report.

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- Make sure that the organization contains at least two eligible assets and fulfills the following conditions:
    - Subscription: Active
    - Asset type: DOL motor asset type (VFD motors are excluded)
    - Rated slip value: > 15 rpm
    - Motor type: Low voltage motor (lower than 1000 V)
    - Monitored by: Smart Sensor Generation 2 only.

3. The request processed message appears if the above conditions are fulfilled. Read the information and click Close.

> **Digital Powertrain Energy Appraisal - Fleet Overview requested**
>
> The request has been processed, and the report should be available in the next minutes. Please wait a few minutes and refresh the page to have the report added to the list.
>
> Close
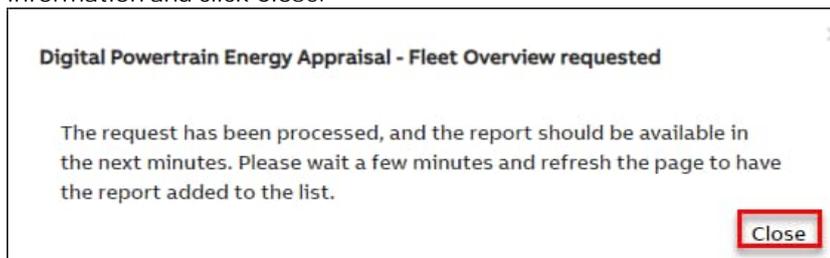
- If the report is not generated, you are prompted to request for more information from ABB support.

- If you requested a fleet overview report that is already generated, you are prompted to contact ABB support. In the Contact Customer Support window, select the country you are based or the country for which you require support and click Request Support.

> **Contact Customer Support**
>
> Please select country where you are based or for which you require support:
>
> Antarctica ⌄
>
> Close   Request Support
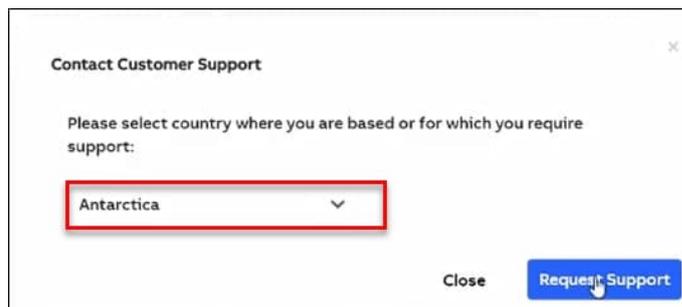
The Advisory requested confirmation message appears. Click Close.

> **Advisory Requested**
>
> Dear customer,
>
> Thank you for submitting your request to obtain a Digital Powertrain Energy Appraisal, our support team will analyze your request and will get back to you.
>
> Kind regards,
> ABB Ability™ Digital Powertrain Team
>
> Close
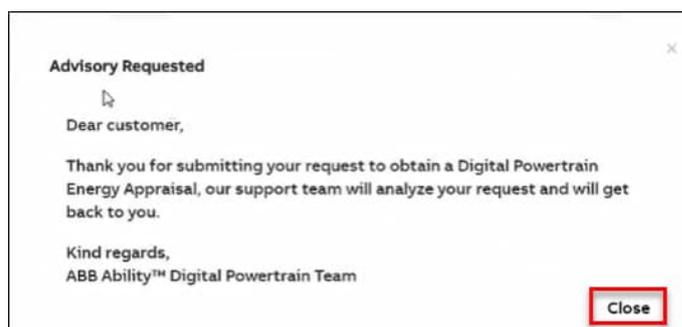
- If you clicked Get Advisory (see step 2), the following message windows appear. Read the information and perform the appropriate action.

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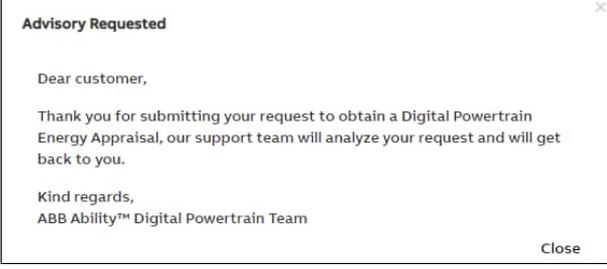
4. In the reports list, download and inspect the generated report.

The downloaded report appears in a MS word file. The below screen is only a sample cover page of the report.

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Decommissioning an asset

The wording "Decommission asset" replaces "Delete asset" for better clarity of the decommissioning operation.

1. In the Smart Sensor mobile app, go to Asset Management → Decommission asset.

2. In the Decommission asset screen, select an appropriate reason for decommissioning and explain the reason if needed.

3. Select the required option, either Reset Sensor or Delete asset. Tap OK.
   The *Decommission asset success*, message appears.

   - Select Reset Sensor option to remove the link between the sensor and asset i.e., to keep the asset as un-monitored without losing the measurement and event history and make the sensor available for the next commissioning.

   - Select Delete asset option to decommission the asset permanently.
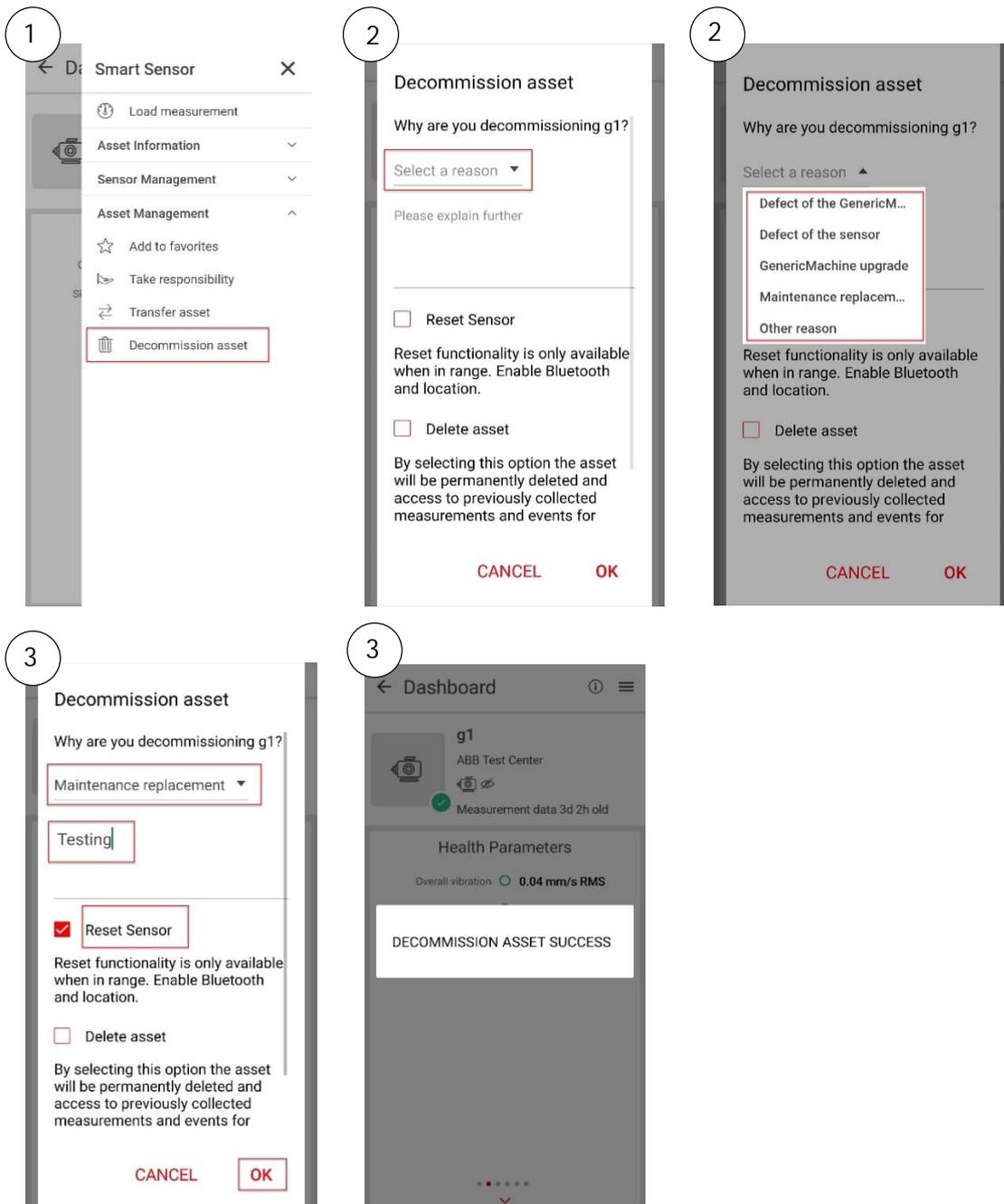
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Load measurement indicator

After loading measurement data with the mobile device, loaded measurements from the sensor appear in the Health and Operational Parameters list. A loading indicator with the message "Waiting for cloud data" appears at the bottom of the Health and Operational Parameters screen. Some parameters that are to be calculated at the backend are greyed out until the data is uploaded to the cloud.
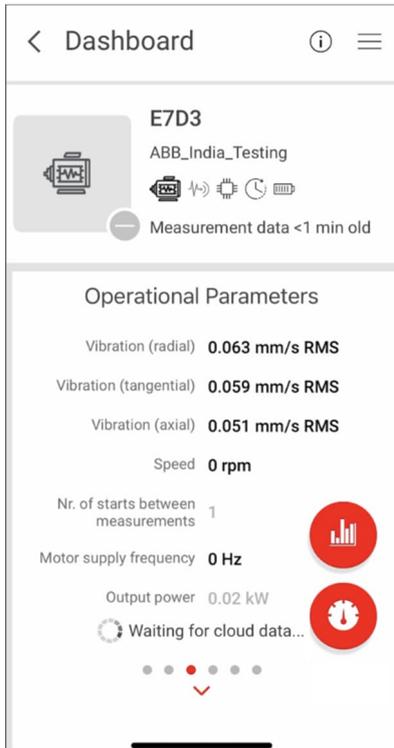
Note: Data synchronization takes at least three minutes to view the latest data.

Note: The user can manually synchronize the data by swapping down the asset list in the main menu of the mobile app.

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