

REDBACK

EQL Inverter Dynamic Exports Commissioning

Revision: 0 Date: 20/11/2023

Revision History

Revision	Description of Change	Author	Reviewer	Date
0	Issued for Use	Jarrod Giese, Senior Systems Engineer		20.11.2023

Introduction

This document highlights the basic process of commissioning a Redback Inverter to comply with the Energy Queensland [EQL] Dynamic Exports requirements. The Redback dynamic exports implementation is a purely native software solution – there is **no additional hardware** to be installed.

Installer Information

Interim EQL Procedure

Redback is listed as a **cloud** client compliant provider. EQL will send you, the Installer, an email detailing the following:

"Re: NMI

You are receiving this email as you recently accepted a dynamic connection offer on behalf of your customer. For the customer's site to fully utilise this connection option, it will need to register with our SEP2 Utility Server. Once registered with the server and connected to the internet, the client device will be able to receive dynamic operating envelopes. To register a site on our Utility Server we require additional information. For each NMI, we need to know which SEP2 Compliant Provider is being used at the site."

Please use the following template to respond to the EQL email:

NMI	SEP2 Client Type
<insert NMI 1>	Redback Inverters
<insert NMI 2>	Redback Inverters
...	Redback Inverters

Please forward this information to: Dynamic.Connections@energyq.com.au. This is an interim process - in the future, these details will be collected as part of the connection application.

Pre-requisites

Download and install to your phone the latest Redback Installer App - v2.18.2 or greater.

[Redback Installer App: [Android](#), [Apple](#)]

Redback Inverter – EQL Commissioning

Step 1: Fixed or Flexible Connection Agreement

- Perform this step for both Fixed and Flexible Connection Agreements.

The standard onboarding procedure of the Inverter using the Redback Installer App is to be followed – no changes to the Installer App have been implemented for this step for dynamic exports. [Redback Installer App: [Android](#), [Apple](#)]

Important Information

Ensure the following data is captured via the Redback Installer App during the onboarding procedure for successful dynamic exports operation:

1. Ensure the **residential address** of the inverter is captured and **Saved** into “Customer Information”.
 - a. The ‘State’ entry is to be the abbreviation i.e. **QLD**
2. Ensure **NMI** is **Saved** into “Customer Information”

10:20

← Customer information

Unit/Building (optional)

Suburb
Brisbane

State
QLD

Postcode
4000

Country
Australia

NMI

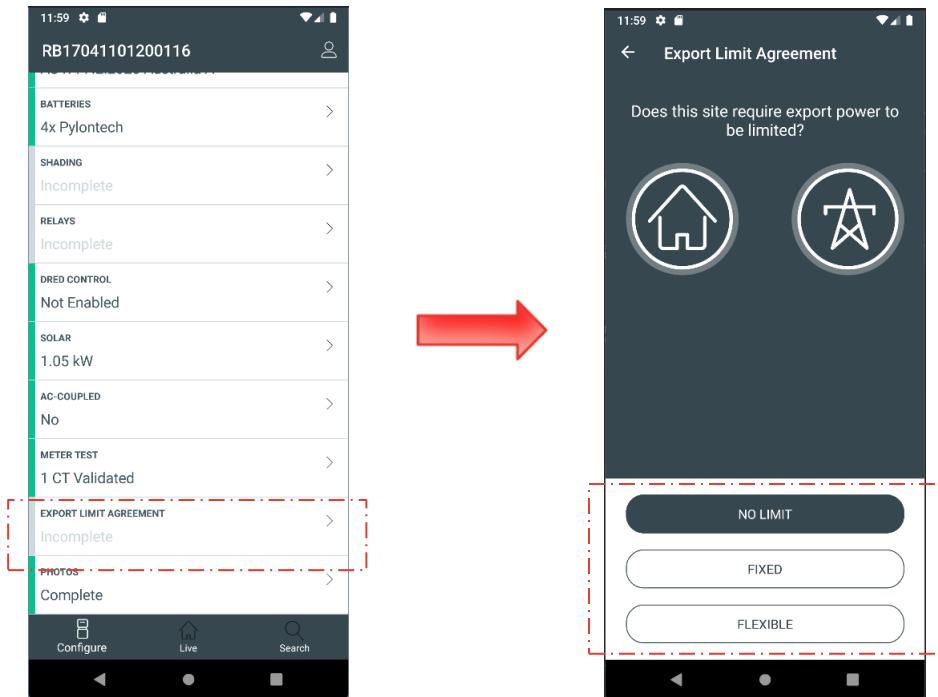
SAVE

Step 2: Fixed or Flexible Connection Agreement

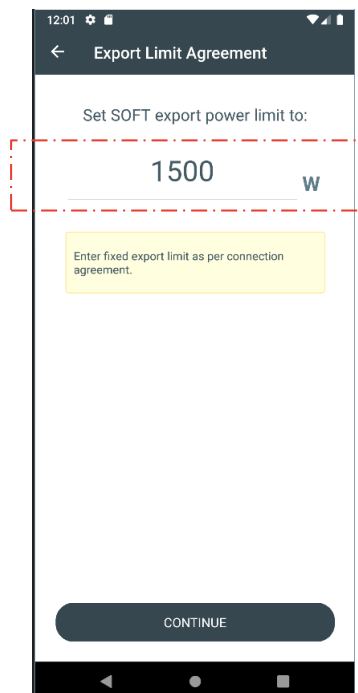
- Perform this step for both Fixed and Flexible Connection Agreements.
- Export Limit Connection Agreement

Smart Hybrid Inverters [SH / ST]

1. Click 'Export Limit Agreement' and select the Connection Agreement



2. If "Fixed", enter the fixed limit defined in the Connection Agreement e.g. below.



3. If "Flexible", select the DNSP in the Connection Agreement.

12:00

← Export Limit Agreement

Who is the Distribution Network Service Provider for this site?

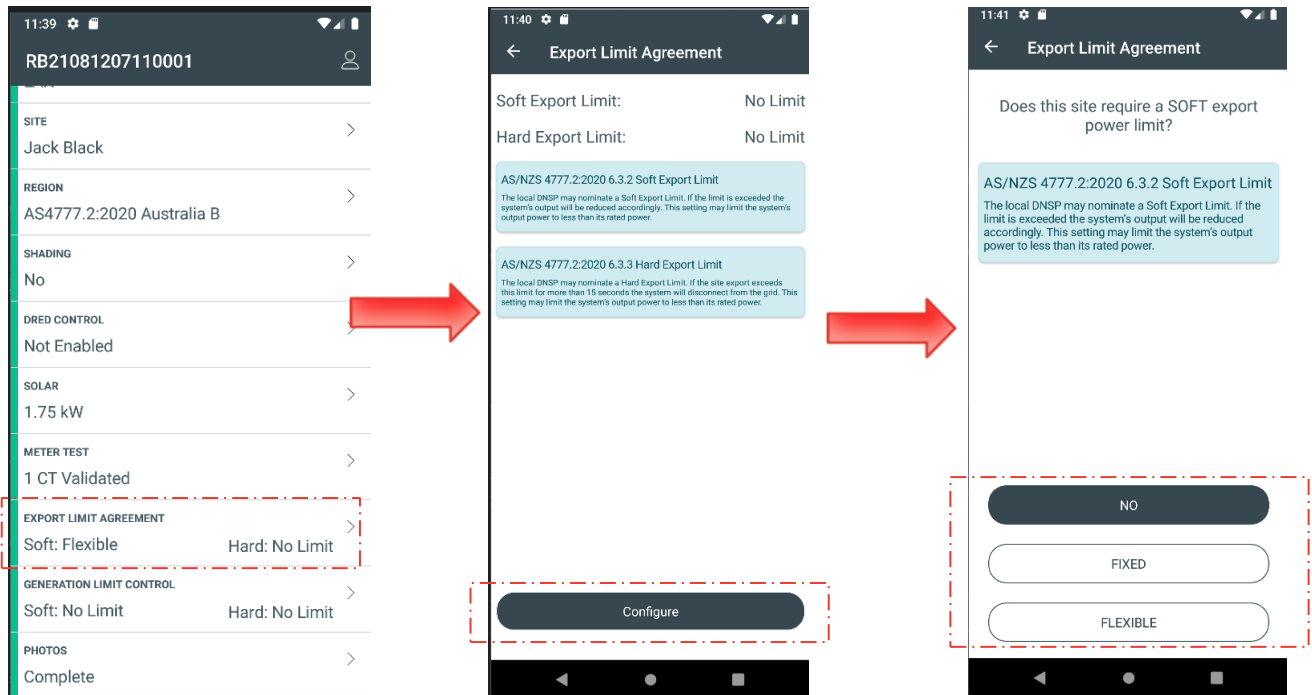
☐ Ergon / Energex

CONTINUE

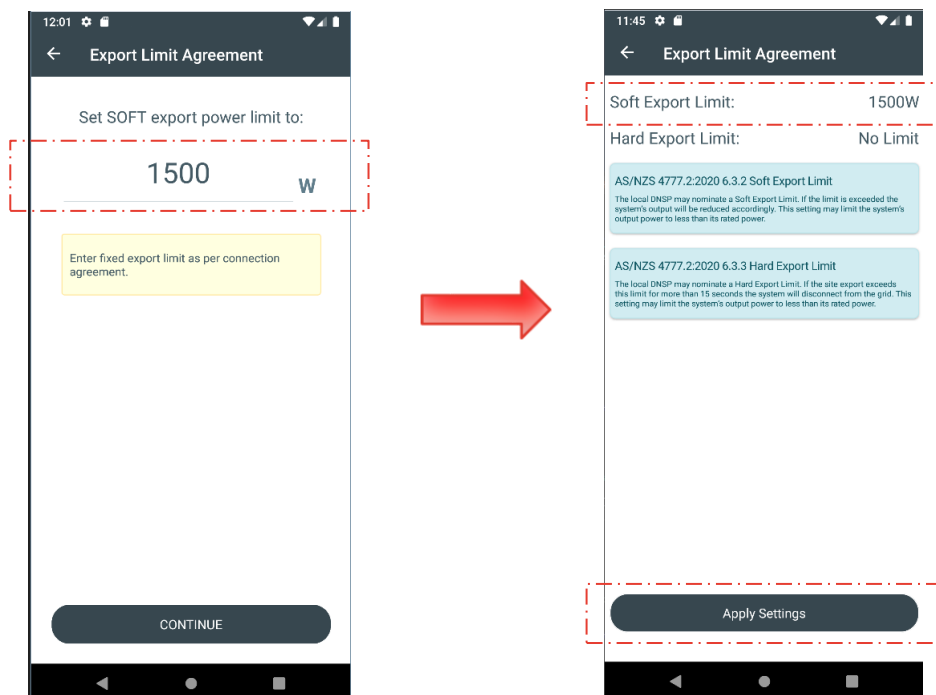
4. **Completed.**

Smart Grid-Tie Inverters [SI]

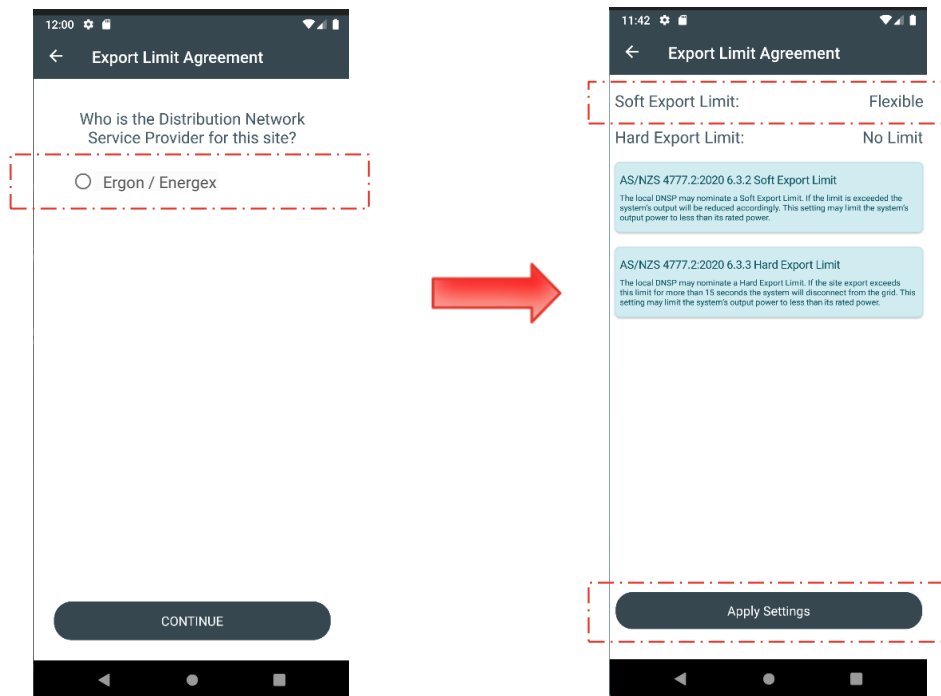
1. Click 'Export Limit Agreement', 'Configure' and select the Connection Agreement



2. If "Fixed", enter the fixed limit defined in the Connection Agreement and 'Apply Settings' e.g. below.



3. If "Flexible", select the DNSP in the Connection Agreement and 'Apply Settings'.



4. Completed.