

# New login solution – Information to users

## Nordic MMS – aFRR & mFRR capacity market

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Business process: aFRR & mFRR capacity market

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1.0	Released	15.03.2024	Øystein Vatland	First released version

## Table of Content

1	Introduction.....	4
1.0	Scope.....	4
1.1	Background.....	4
1.2	Procedure and test.....	5
1.3	Time-schedule .....	5
1.4	FAQ.....	5
1.5	Terms and definitions.....	7

# 1 Introduction

## 1.0 Scope

This document describes the background for why Nordic MMS (NMMS) will change its login solution, and the plan for how the BSPs shall transition to this.

## 1.1 Background

NMMS today uses a dedicated web-site for creating a password (<https://reset.fifty.eu>), and a one-time passcode from SMS or the Entrust Identity app when logging in.

The new solution will use the users mail and existing password, by federating his organisations Entra Id (previously called Azure AD) into Statnetts Entra Id.

The advantages of this is:

- **Single sign-on** : The user will login with his current credentials used in his own company. He is not required to have a separate user and password for the NMMS-application.
- **User maintenance**: User creation, deleting and password handling is maintained by the users own company.
- **Automated fallback**: The new login is a prerequisite for the improved, distributed fallback-solution which will be introduced at a later stage. (The plan and description of this is not part of this document.)

A user-login consist of two parts:

1. Authentication is the verification of the identity of the user.
2. Authorisation is the verification of which access, rights and roles this user shall have in NMMS. This is configured in the "Users"-page in the NMMS GUI:

The screenshot shows the 'Users' management interface. At the top, there are filters for 'Party' (All), 'User' (TEST BSP\_USER\_NO / testbspuser@testbsp.no), and 'Role' (All). There are checkboxes for 'Active' (checked), 'Inactive', 'Deleted', and 'Unused'. Below the filters are 'Update data' and 'New user' buttons. A table lists user details for 'TEST BSP\_USER\_NO', including Party, Email, and Account status (Active). To the right, a detailed form shows fields for 'Creation date', 'Last login date', 'First name', 'Last name', 'Party', 'Account status', 'Phone', 'Active directory status', 'Last synchronization request', 'Email', 'Send market messages to this email address', and 'Data flow user'. A 'Roles' section contains a table with columns 'Name' and 'Description', listing 'BSP', 'BSP (read only)', and 'User admin (own)'. At the bottom, there is a checkbox for 'As user administrator, I hereby confirm that the person on who's behalf I am creating or updating this user, has given his or her consent to the NMMS privacy notice.' and 'Save' and 'Cancel' buttons.

The new login-solution will only change part 1 of this, the authentication solution.

## 1.2 Procedure and test

Before the transition to the new login-solution in production, all the BSPs must test and verify this in the test-environment (AT). There are no requirements for integration or change of IT-systems on the BSP side. A user-manual describing the entire process will be distributed.

Broad description of the test-process:

- A mail will be sent to the mail-address that is registered for the user in NMMS with an invitational link. Click on the link and log in using the email and password in your organisation. This will trigger a request to Statnett IT to add this user to Statnetts Entra Id (Azure AD).
- The user will then get a mail informing that the request is approved. This will contain a link "Get Started", that will guide the user to login to NMMS. The user-manual will describe how to download the Microsoft Authenticator on your phone, and use this to log in.

The switch of login-solution in production will be done 6 may. This will not require any test or changes for the users or BSPs. For support in test your contact persons in your TSO will be available.

## 1.3 Time-schedule

- 22.03 : Send User-manual to BSPs and TSOs
- 11-12.04 : Prepare test-environment (AT). In this period it will not be available for other testing by BSPs
- 15-26.04 : Login test with new solution for BSPs in test-environment.
- 06.05 : Switch in production to new login solution.

## 1.4 FAQ

Question	Answer
Is any change of the user required in NMMS?	No
Shall I use the exact same email address that is used in NMMS?	Yes. If you want to use another email address please contact support.
What about users that do not have Entra ID (Azure AD) in their organisation?	They can login with their email, and will receive a passcode on SMS each time.
Will the Entrust app still be used?	No, this will be replaced by the Microsoft Authentication app.
Do I still use <a href="https://reset.fifty.eu">https://reset.fifty.eu</a> to set up or change my password?	No.

Can I change my password in the user-screen in NMMS?	No, this option will be removed. You can change the password for your user in your organisation, and no change is required after that in NMMS.
Are any changes needed for the ECP configuration?	No.
I have switched login in Fifty Web. Can I use the same user to log in to NMMS?	Yes. But you must still apply for access to NMMS, so all the steps in the user manual will be the same

## 1.5 Terms and definitions

Acronym	Term	Definition
<b>aFRR</b>	<i>Automatic frequency restoration reserves</i>	<i>The FRR that can be activated by an automatic control device designed to reduce the FRCE/ACE to zero</i>
<b>BRP</b>	<i>Balance Responsible Party</i>	<i>A market participant or its chosen representative responsible for its imbalances</i>
<b>BSP</b>	<i>Balancing Services Provider</i>	<i>A market participant with reserve-providing units or reserve-providing groups able to provide balancing services to TSOs</i>
<b>mFRR</b>	<i>Manual frequency restoration reserves</i>	<i>Manual frequency restoration reserves: active power reserves that may be manually activated, available to restore system frequency to the nominal frequency and, for a synchronous area consisting of more than one LFC area, to restore power balance to the scheduled value</i>
<b>mFRR CM</b>	<i>mFRR Capacity Market</i>	<i>The mFRR capacity market's role in the balancing / ancillary service process is to procure obligations on behalf of the TSOs from the BSPs, in which the BSPs commit to offering the allocated amount of balancing energy bids in the mFRR activation market.</i>
<b>TSO</b>	<i>Transmission System Operator</i>	<i>A party that is responsible for a stable power system operation (including the organisation of physical balance) through a transmission grid in a geographical area. In the Nordic synchronous area, there are four TSOs: Svenska kraftnät, Fingrid, Energinet.dk and Statnett.</i>
	<i>connecting TSO</i>	<i>the TSO that operates the scheduling area in which balancing service providers and balance responsible parties shall be compliant with the terms and conditions related to balancing;</i>

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