

Guide on how to use and access PREMS UI via Digital-Certificate (PREMS)

Independent Electricity Market Operator of the Philippines, Inc.
Date Published 16 May 2024

Contents

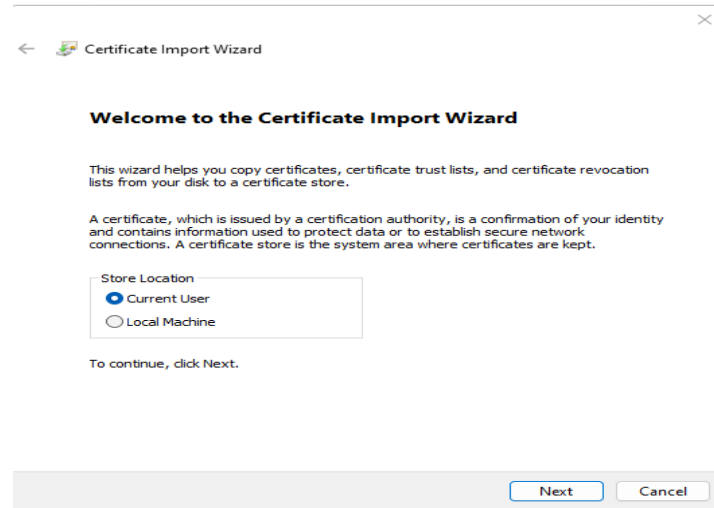
| | |
|--|---|
| 1. Pre-requisites | 3 |
| 2. Installation of New Digital Certificate | 4 |
| 3. PREMS Browser access | 9 |

1. Pre-requisites

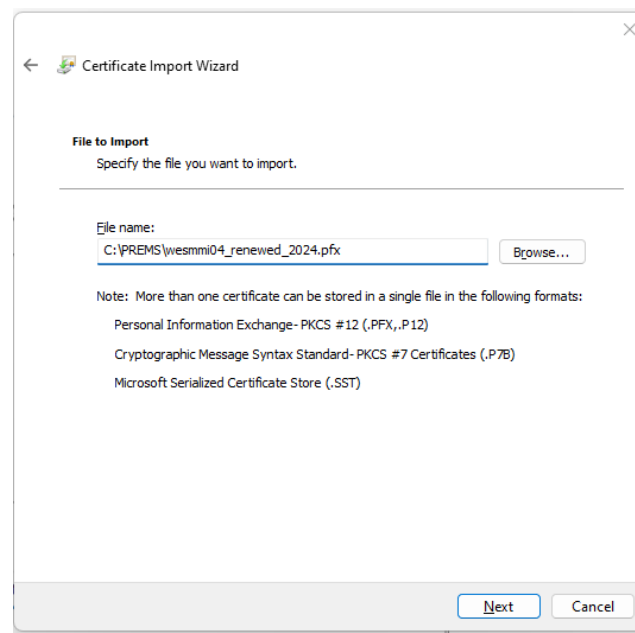
- Licensed Windows OS
- New Digital Certificate
- Mozilla Firefox 114, Google Chrome 114 or Microsoft Edge 114 or later versions

2. Installation of New Digital Certificate

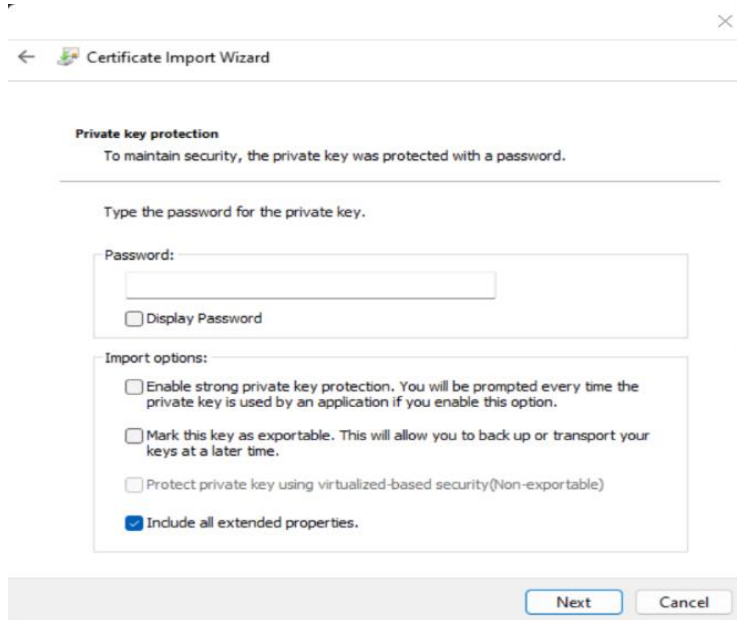
2.1. Run the new Digital Certificate Installer and click Next
(wesmmi04_renewed_2024.pfx)



2.2. Click Next button.



2.3. Input the password



← Certificate Import Wizard

Private key protection
To maintain security, the private key was protected with a password.

Type the password for the private key.

Password:

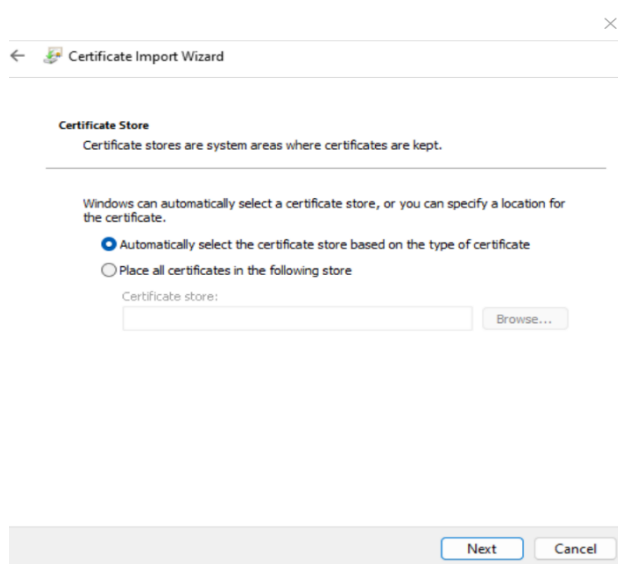
☐ Display Password

Import options:

- ☐ Enable strong private key protection. You will be prompted every time the private key is used by an application if you enable this option.
- ☐ Mark this key as exportable. This will allow you to back up or transport your keys at a later time.
- ☐ Protect private key using virtualized-based security(Non-exportable)
- ☒ Include all extended properties.

Next Cancel

2.4. Click Next



← Certificate Import Wizard

Certificate Store
Certificate stores are system areas where certificates are kept.

Windows can automatically select a certificate store, or you can specify a location for the certificate.

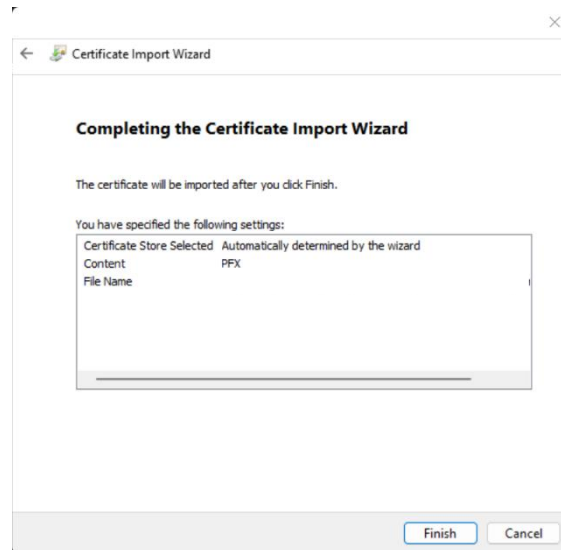
☒ Automatically select the certificate store based on the type of certificate

☐ Place all certificates in the following store

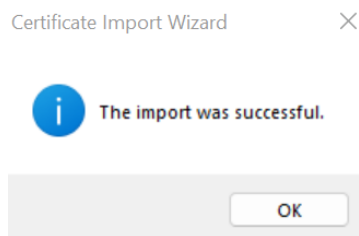
Certificate store: Browse...

Next Cancel

2.5. Click Finish.



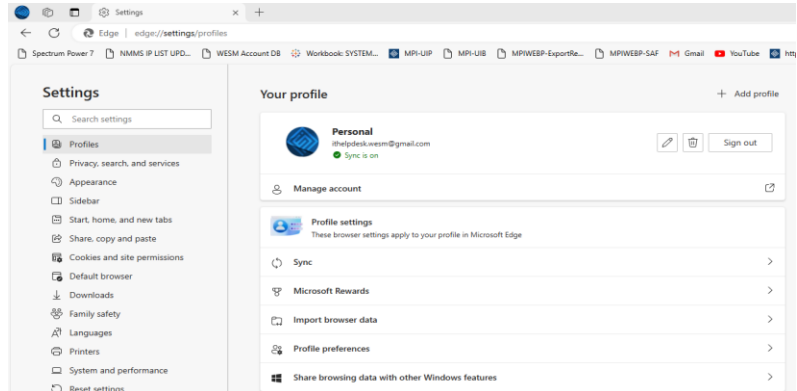
2.6. A pop-up message will appear, click OK



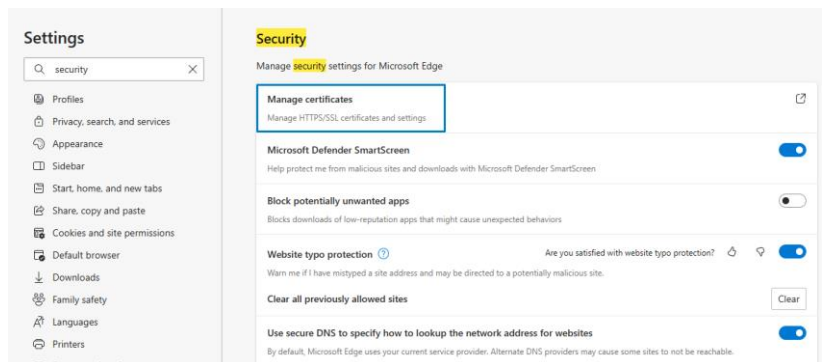
2.7 Check if the certificate is installed correctly to the browser.

In Microsoft edge check out

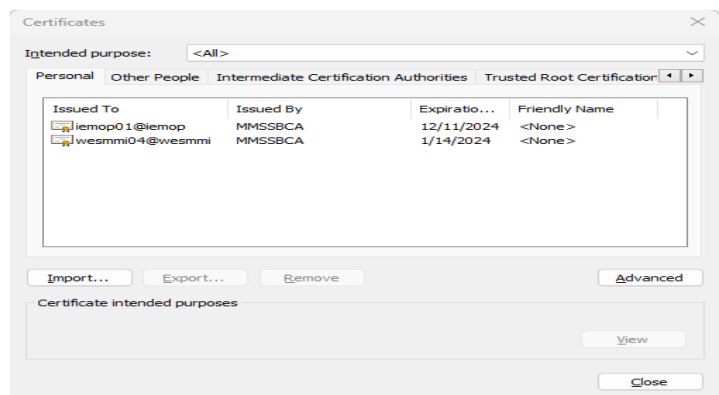
1. Open Microsoft Edge, then open settings



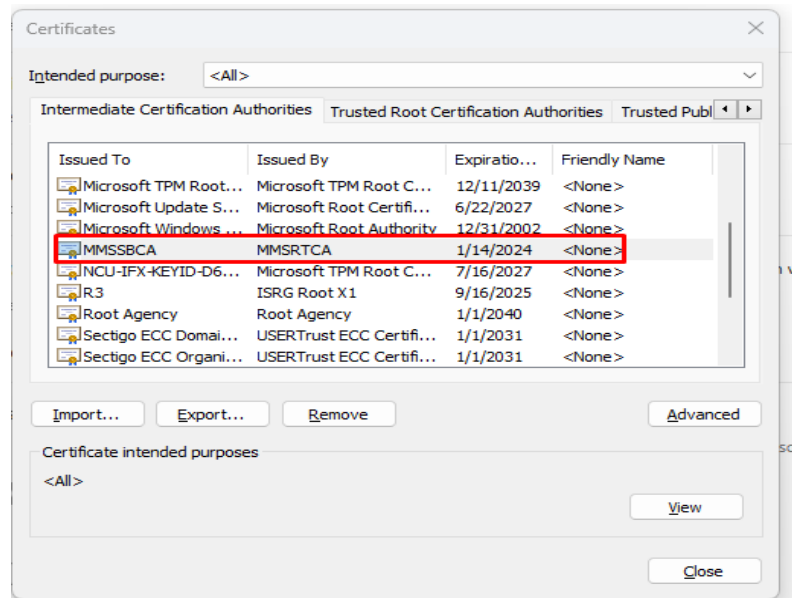
2. Under "privacy, search and services" scroll down and goto Security, then click Manage certificates



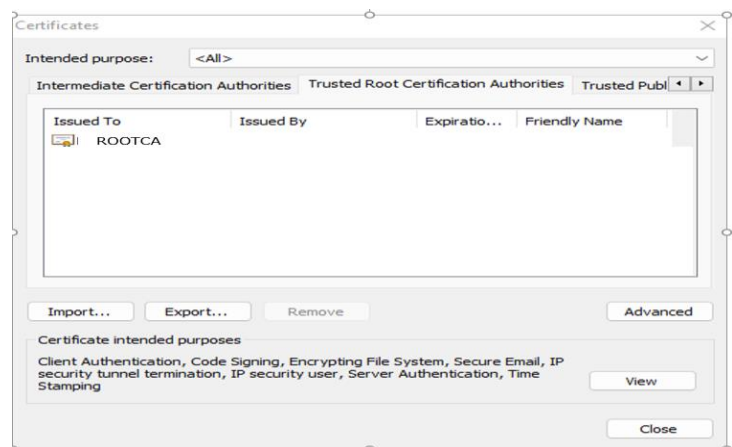
3. Check tabs personal if the certificate was installed and valid.



4. Check tab intermediate certificate authorities, MMSSBCA should be in the list. check if DC is valid.



5. Check trusted root certificate authorities, ROOTCA should be in the list. Check if DC is valid.

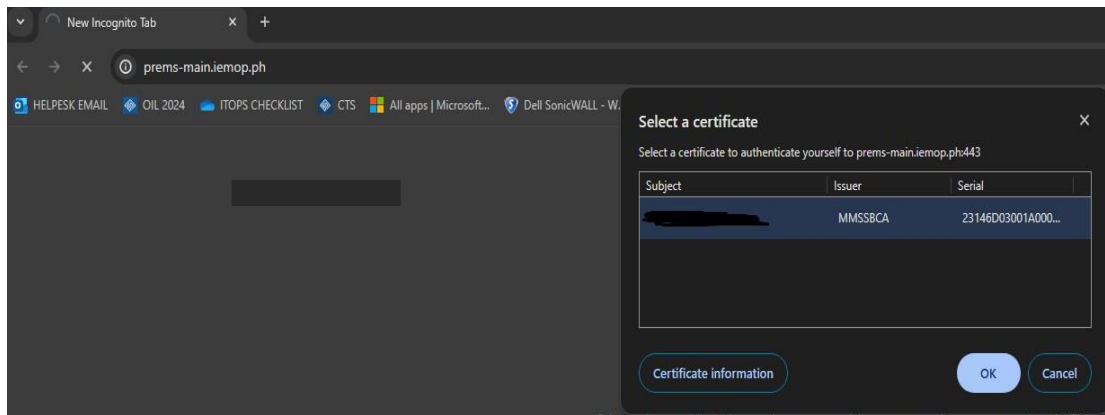


If you are using chrome, under settings.

1. Click "privacy and security."
2. Scroll down and click manage device certificates.
3. Check tabs personal if the certificate was installed and valid.
4. Check tab intermediate certificate authorities, MMSSBCA should be in the list. check if DC is valid.
5. Check trusted root certificate authorities, ROOTCA should be in the list. Check if DC is valid.

PREMS Browser access

- 3.1. Open your preferred browser and Go to <https://prems-main.iemop.ph> and the “select a certificate” popup will appear, Choose the certificate you installed in step 2 and click OK



Note : If the “selected a certificate” didn’t pop up, try using an incognito window.

- 3.2. Congratulation you can now access <https://prems-main.iemop.ph> using the new Digital Certificate.

