AIS for origin of electricity sold by the DAM/IDM participants

User Guide
Edition 2.0.

Kyiv 2021

1. Switching to the Web interface

1.1. To switch to the web interface for providing data on the origin of electricity sold by the DAM/IDM participant, it is necessary to go to JSC «Market Operator» website via the link https://www.oree.com.ua, to select the menu item «**Analytical materials**» and choose the sub-item «**Reviews**». Move to «**Ecological aspects**» in the horizontal menu and go to «**Data upload**» (Fig. 1).
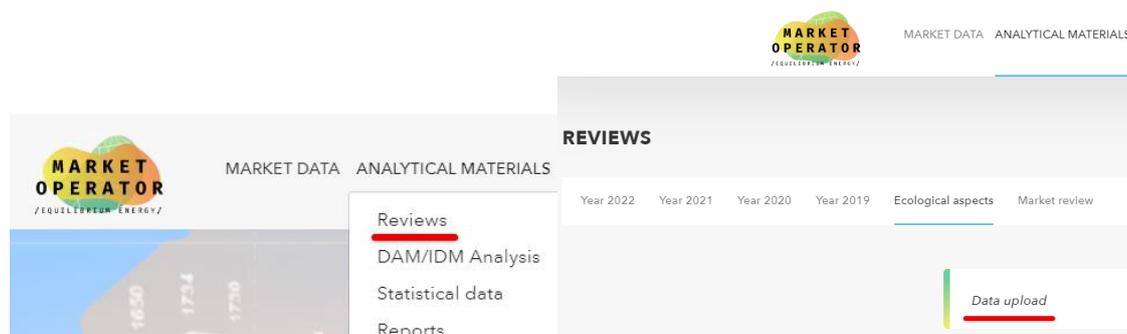
Fig.1. Navigation menu.

1.2. Enter the parameters of the Qualified Electronic Signature key (QES) to the authorization form (Fig. 2). Authorization data: «Type of media» - File media or Protected media, «Qualified Provider of Electronic Trust Services» - specify who issued the digital signature (you can choose «Define automatically»), «Private key (Key-6.dat, *.pfx, *.pk8, *.zs2 or *.jks)» - download the key, «Key Protection Password» - enter the QES password.

Fig.2. Authorization form

1.3. Press the «Read key» button, check the displayed data and press the «Login» button.

1.4. After successful input of the authorization data, the main interface with the list of months for the current year will appear on the screen (Fig.3). View data from previous years and perform operations to add / edit / sign / download data on a monthly basis is available in this interface.

Fig.3. List of months for the current year

2.   *The new data adding*

2.1. To add the data on electricity sold for the month, press the button Add – and the corresponding form will be displayed on the screen (Fig. 4)

Fig.4. Form of adding data on electricity sold by a market participant

2.2. The first line of the table contains the Identification code of the company whose data is submitted. The following line shows the selected **month** and **year**. Data on volumes of electricity sold on the DAM/IDM for a month is automatically loaded in the «**Total sales on the DAM**» and «**Total sales on the IDM**» lines.

2.3. It is necessary to distribute the amount of electricity sold for a month between sources of origin, taking into account that the amount of electricity sold on the DAM/IDM in MWh should be equal to the amount of user-specified fields *by source types.*

2.4. Fields highlighted in blue are summed up in the line of «sum of energy of waves and tides».

2.5. *Other fuel/energy types* may be specified if not listed.

2.6. After entering the data, press the button ✔ Save. If the figures are specified correctly, the added data will be saved and the user will be redirected to the system home page (Fig. 3).

3. The entered data editing

3.1. To edit the data for a month, press the «**Edit**» button (or click on the icon «👁»
and click the «**Edit**» button in the next window).
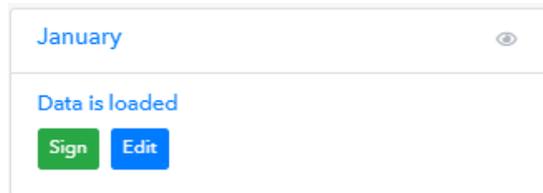
Fig.5. Monthly data management Unit

3.2. After fulfilling paragraph 3.1, the interface with the entered data for a month will
be loaded (Fig. 6). If the button is not active (gray and not pressed), it means that
the information provided by the participant is not available to edit.

Editing the origin of the electricity sold for

EDRPOU code	1111111111
Month, year	January 2022
Total sales at DAM	1 000.000 MWh
Total sales at IDM	0.000 MWh

No	Indicator	Volume, MW*h
1	Electric energy from a defined source of origin:	
1.1	Nuclear fuel	0.000
1.2	Coal	0.000
1.3	Natural gas	0.000
1.4	Oil fuel	0.000
1.5	Industrial gas	0.000
1.6	Biomass	0.000
1.7	Biogas	0.000
1.8	Solar energy	0.000
1.9	Wind energy	0.000
1.10	Geothermal energy	0.000
1.11	Wave and tidal energy, hydropower	0
1.11.1	including electrical energy produced by a microhydroelectric power plant	0.000
1.11.2	including electrical energy produced by mini-hydro power plants	0.000
1.11.3	including electricity produced by small hydropower plants	0.000
1.11.4	including electricity produced by hydroelectric power plants with a capacity exceeding 10 MW	0.000
1.12	Other fuels / energy (please specify) + Add type	
1.12.1	Specify type	0,000
1.13	Summary	0.000
2.	Electric energy, the source of which is not determined:	
2.1	Imports:	0.000
2.2	Resale DAM/IDM	0.000
2.3	Balancing market	0.000
2.4	Summary	0.000

✔ Save

Fig.6. Editing data submitted by market participant.

3.3. After making changes in the table of electricity sold, the data should be saved by pressing the button ✔ Save .

4.   The entered data signing

4.1. To confirm the submitted information on the origin of electricity sold, you need to press the button Sign (or click on the icon «👁» and on the uploaded page press the button «**Sign**»). Select a Qualified Electronic Signature in the next pop-up window and press the button «Sign». **Please note** that the data for a month must be signed with the same key on which the authorization was performed.

4.2. If the data for a month was successfully signed, the system will display the corresponding message on the main screen (Fig. 3) in the block of the month that was signed («**Data is signed**»).

4.3. To upload signed data for a month, press the button «**Upload**» and save the file to the local storage.