

The website is accessed by an average of 200 users per day



“The OPE website helped TRANSELECTRICA in a great measure to fulfill its commitments regarding the publication obligations, according to the applicable legislation (PRE/PPE register, reports on the operation of the Balancing Market, announcements related to the capacity auctions and the allocation results etc.). The flexibility in website management allows the addition/removal of information, for a quick alignment to the new requirements issued by ANRE or imposed by the European legislation. Over the time, this website gained a great importance among market players, fact also shown by the high number of recorded visits”.

Bogdan Petrini

OPE Website Application

beyond
all expectations

NC TRANSELECTRICA is the Romanian Transmission and System Operator (TSO) which plays a key role in the Romanian electricity market. The company manages and operates the electricity transmission system and provides electricity exchanges among countries of Central and Eastern Europe, as an UCTE member (Union for the Coordination of Transmission of Electricity) and ETSO (Association of European Transmission and System Operators).

NC TRANSELECTRICA is responsible for electricity transmission, system and market operation and ensuring the security of the Romanian power system. It also serves as the main link between the electricity supply and demand, by always matching power generation with demand.

ECONOMICAL CONTEXT

In the context of liberalization and development of the electrical energy market, and also due to energy trading dynamics, NC TRANSELECTRICA, as a balancing market operator, considered telemeasuring traded energy with great accuracy and with higher resolutions as an imperative, tending to reach “real time”. It required finding a new solution to solve this problem, especially because the responsibility for these actions belongs to NC TRANSELECTRICA JSC through the “Operator for Measuring Electricity Traded on the Wholesale Market–OMEPA Subsidiary”.

Data being provided by nationally distributed NC TRANSELECTRICA branches, their centralization was even more difficult and involved time and human resources allocated exclusively for this particular aspect. It was also sought to create an electricity market based on transparency, non-discrimination and objectivity principles that can stimulate direct competition in energy trading.

THE CHALLENGE

Creating a comprehensive information system, that can provide data on the Romanian wholesale energy market, consumption forecast, reports on the balancing market.

Due to the need of a frequent data update and to the fact that participants to the balancing market had to be promptly notified of any change, finding a solution for these problems was in high demand. Information access and transparency could be ensured through the possibility of accessing and viewing online the situation on the energy market. The system had to be flexible and adaptable.

THE SOLUTION

Therefore, creating a web band application for the Balancing Market Operator (www.ope.ro) appeared as a necessity. Information on the www.ope.ro website can be quickly modified, easily and consecutively during the day. Participants to the balancing market have to be promptly informed of any change, therefore they have the advantage of updated information, cutting-edge. The site's novelty is given by its variable structure, imposed by exploitation needs. The website is presented as an open structure, being able to undergo the following modifications:

- ▶ Main menu options are variable and can have a tree structure on a unlimited number of levels;
- ▶ Pages' content;
- ▶ News content;
- ▶ Pop-up content;
- ▶ Main page information that appears on top of the graphic;
- ▶ Main page background can have different forms.

Website facilities:

- ▶ Data graphics for daily balancing market reports;
- ▶ Exporting data in Excel.

RESULTS

Results are measured in relation to the large number of users: the website is accessed by an average of 200 users per day, from Romania or from abroad, which reveals the interest for the shared information