

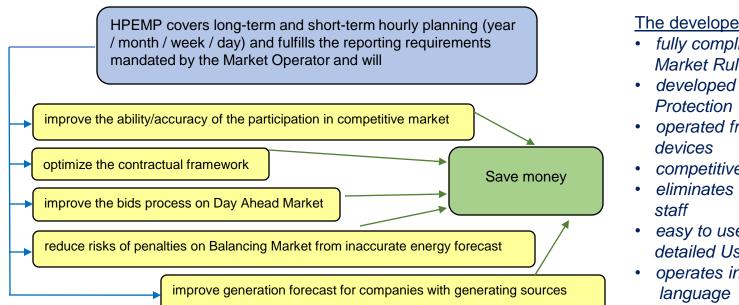


# Hourly Planning Software for Electricity Market Participants (HPEMP)

as a tool for supporting Large Customers entering and participating in the competitive electricity markets

## Goals and covered tasks

Reform of emerging electricity markets is based on the transition to at least hourly markets as opposed to the existing monthly ones. Trading is carried out in different segments (at least, contracts, Day Ahead and Balancing Markets) and the same consumption can give significantly different financial results, which can be largely due to the accuracy of long-term and short-term planning.



#### The developed software is:

- fully compliant with National Market Rules
- developed with Cyber Security
- operated from any smart
- competitively priced
- eliminates calculation errors by
- easy to use comes with a detailed User Manual
- operates in the selected

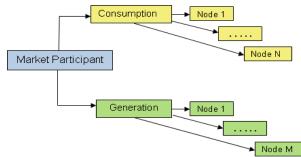
## Future software development providing additional financial savings opportunities



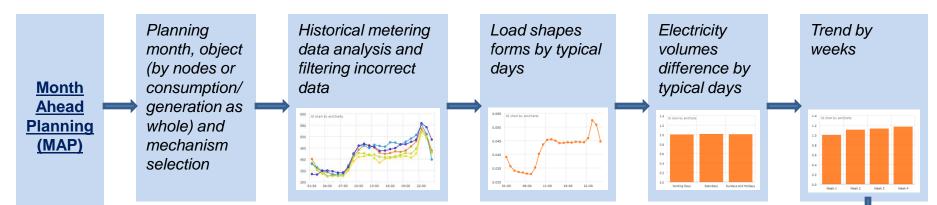
# Main modules of software

<u>Participant Structure</u> - Three-level structure of Market Participant makes it possible to use HPEMP software for consumers with any structure, including also the presence of its own generation.

<u>Calendar</u> - Any types of days (working, holidays, etc.) and synchronization by years with any depth taken into account



<u>Metering</u> – Module includes docking with Data Acquisition System to upload historical and current metering data by nodes

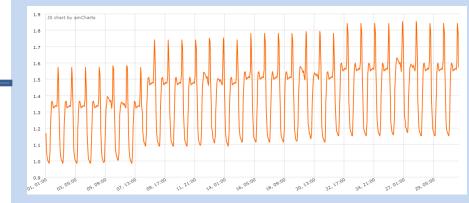


Final results for Month Ahead Planning

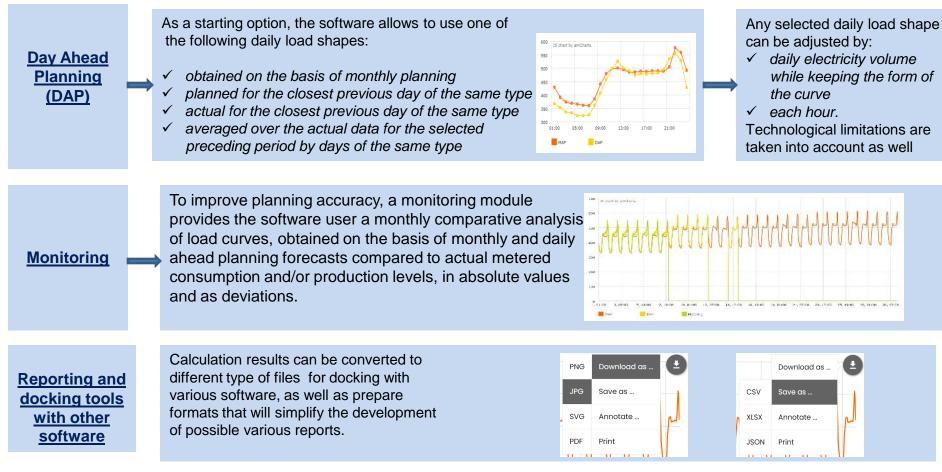
<u>Note</u>. Weekly planning is included in MAP, and sum by months is the yearly planning Checking for technological limitations and adjustments: ✓ by changing the planned monthly volume of electricity while keeping the form of the load shape.

- through daily and weekly coefficients
- ✓ by fixing maximum and minimum loads with monthly volume recalculation

Basic option for Month Ahead Planning



## Main modules of software



### **Contact details:**

#### Naira Delphia

IED Consulting LLC, Vice President, Risk Management and Quality control E-mail: <u>naira@iedconsult.com</u> Phone: +374 91 416440

#### Ruben Abrahamyan

IED Consulting LLC, Program Manager E-mail:<u>ruben@iedconsult.com</u>, Phone: +374 91 268944