4. CONCLUSIONS

For a customer portfolio of 19 users with different profiles, the results were obtained:

- A market price prediction algorithm with an associated error of €8/MW.
- A compatibility index between users based on the maximisation of the aggregator’s profit according to its customer portfolio.
- 5 hourly moments of energy purchase and 19 hourly moments of energy sale.
- An average daily profit of 235.81€, which means a profit of 86,070.65€/year.

Storage systems offer enormous possibilities for energy management.

- It is necessary to know the market price with the most accurate prediction possible.
- Internet of Things (IoT) will greatly facilitate the work of the aggregator.