

1. An Energy management system for distributed co-generation

2. What is integrated with DSM

- | | |
|-------------------------|-------------------------------------|
| DG | <input checked="" type="checkbox"/> |
| Energy storage | <input type="checkbox"/> |
| Smart grid technologies | <input checked="" type="checkbox"/> |

3. What is the level of commercialization

- | | |
|-------------------|-------------------------------------|
| Research project | <input checked="" type="checkbox"/> |
| Demonstration | <input type="checkbox"/> |
| Field test | <input type="checkbox"/> |
| Existing practice | <input type="checkbox"/> |

4. Where to find more information?

- Göran Koreneff, VTT
Goran.Koreneff@vtt.fi
- http://akseli.tekes.fi/opencms/opencms/OhjelmaPortaali/ohjelmat/DENSY/en/Closing_Seminar_2007.html → Final Report

5. Objectives of the case

The target of this project was to develop a concept of an energy management system for a power company, an end-user or a service provider who operates several CHP-units in the de-regulated electricity and gas markets.

6. Business rationale/model

7. Technologies used

8. Short description of the case

The project will gather information of existing programmes and define their requirements. The result will be a concept for an energy management system including assessments of development contributions for the implementation. The project will also result in a draft research plan for a follow-up project, which includes implementing and piloting the concept.

9. Achieved/expected results (operational savings, CO₂, efficiency enhancement)

The development work first off defined the requirements and gathered information of existing programmes. The second result of the project was an implementable concept for an energy management system including assessments of development contributions for the implementation. The third result of the project was a draft research plan for a follow-up project regarding the implementation and piloting of the concept.

10. Lessons learnt