

Description of integrated pilots/demonstrations/field tests/existing practices

1. Name of the case 48 micro CHP-cluster pilot

2. What is integrated with DSM

DG

Energy storage

Smart grid technologies

3. What is the level of commercialization

Research project

Demonstration

Field test

Existing practice

4. Where to find more information?

- Contact person M. van Hest NUON/Tecno
- Company NUON/Tecno
- web-site
- references See PPT enclosed

5. Objectives of the case Study the electrical effects of a high proportion of micro-CHP in a cluster on the distribution network

6. Business rationale/model Before massive rollout of successor of high-efficiency heater, co-generating micro-CHP, the electrical behaviour of these types of installations have to be determined

7. Technologies used Stirling micro-CHP

8. Short description of the case See PPT-presentation

9. Achieved/expected results (operational savings, CO₂, efficiency enhancement) Indirect effect: no show stoppers for micro-CHP expected

10. Lessons learnt The test can be conducted at a reasonable cost



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