



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

1. Name of the case Qurrent (QBox, LEN, QServer)

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 Igor Kluin
- Company Qurrent
- web-site <http://www.qurrent.com/ENG/productsServices.aspx>
- references (awards: 500000 Euro from Richard Branson)

<http://www.ihf.com/articles/ap/2007/09/29/europe/EU-GEN-Netherlands-Environmental-Award.php>

Also a Dutch innovation award was won (250000 Euro)

5. Objectives of the case Provide ICT-infrastructure for neighbour-to-neighbour electricity delivery

6. Business rationale/model Fill the gap to direct optimization behind the meter and feed-in to the market at a low rate

7. Technologies used Wired with relays. Patented.

8. Short description of the case No proven cases yet



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

9. Achieved/expected results (operational savings, CO<sub>2</sub>, efficiency enhancement) Should decrease net losses; link to markets not clear except for if a complete aggregate of homes is behind one meter
10. Lessons learnt None yet