<u>Early Learning</u>

Dedicated website – No

Organisation webpage – Yes

Centralised portal – ENA Smarter Networks

Objectives/Success Criteria – Yes

Closedown/final report – Yes

Open-source data – No

Peer-reviewed academic output (Primary Subject / Referenced) - 0 / 0

Brochures/Case Studies/Videos – No

On-line major conference/event presentations - 0

Dissemination Event / Output available – 0 / 0

Follow-on project – Yes (Suburban PV)

<u>Consumer Engagement</u>

Consumer Participation – Yes

Consumer Feedback – No

Output Summary

Progress reports – No

Detailed and objective final report – Yes

Project method detailed – Yes

Performance to objectives detailed – Yes

Lessons learned identified – Yes

Policy/Regulation implications reviewed – No

Outcomes vs. Objectives/Targets

Performance to objectives – All achieved

Specific objectives included: assessment of the impact of PV on the LV network and the limiting factors for further installations, the effectiveness and feasibility of installing LV monitoring sensors, and an assessment of the limits before reinforcement is required.

Key Findings

- At project inception the monitoring equipment was not available in the market, but would have been available at the end.
- Substation design is variable and does not allow easy addition of equipment. Size is an issue.
- Communication with remote monitoring equipment is unreliable using GPRS.
- Lack of UK expertise for the monitoring equipment installation and use was problematic.
- The data analysis was labour intensive. Custom software development would be required for a wider rollout.