

IEA DSM Agreement

Task XVII: Integration of Demand Side Management, Distributed Generation, Renewable Energy Sources and Energy Storages

PILOT CASE STUDIES

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Case 1: System Integration of Distributed Power for Complete Building Systems

- Integrated w/ DSM – DG, Energy Storage, Smart Grid Technology
- Objective of Case – Extend DG into the physical design of buildings

Case 2: Energy Efficiency Resource Standards: Experience and Recommendations

- Integrated w/ DSM – DG
- Objective of Case – Evaluation of existing Energy Efficiency Resource Standards and Future EERS implementation

Case 3: Disaggregating Response to Default- Service Day-Ahead Market Pricing

- Integrated w/ DSM – DG, Energy Storage, Smart Grid Technology
- Objective of Case – Evaluate customer response to Economic Price Signals and Emergency Demand Response Programs

Case 4: *RealEnergy* Enterprise-Wide Distributed Energy Information System

- Integrated w/ DSM – DG
- Objective of Case – Develop and Demonstrate a DG Energy Management System for Optimal Performance and Operation

Case 5:

New York State Energy Research and Development Authority and Electrotek Concepts

- Integrated w/ DSM – DG, Smart Grid Technology
- Objective of Case – Develop and Demonstrate the Aggregation of Multiple DG Units