

Appendix

Overview of the Aizu Wakamatsu Area Smart Community Promotion Project

1. Region: Aizu Wakamatsu City, Fukushima Prefecture

2. Funding Period: From April 2013 until March 2016

3. Project Overview: In implementing the project, rather than merely providing renewable energy, it is important to establish a foundation and framework that enables urban development that stands up well to disasters, promotes employment and is convenient for residents, and moreover, can be operated in a sustainable and self-sufficient manner. To this end, the following three specific projects will be pursued, with a central focus on the Energy Control Center.

(1) Construction of the Energy Control Center

- Visualization of the area's renewable energy generation status, deployment of mega solar power system technology (*1)
- Managing the status of the area's renewable energy generation facilities and heat supply plants, providing local information services
- Providing demand response services for specific residential customers contracting with the Energy Control Center

(*1: Fuji Green Power Co., Ltd. (a wholly owned subsidiary of Fuji Electric Co., Ltd) is planning to deploy the technology and intends to apply for its approval during this fiscal year)

(2) Urban development that leverages biomass resource-based heat supply

- Developing a model that leverages biomass resources to supply renewable energy to the region(*2)
- Promoting local production and local consumption of energy through biomass resources

(*2: Planning for the heat supply project is currently on hold during the construction phase of the project)

(3) Promoting the deployment of solar power generation/storage cell technology in tandem with local disaster-prevention measures

- Ensuring and maintaining the functionality of disaster-prevention facilities by effectively leveraging electronic vehicles as mobile power storage cells.