

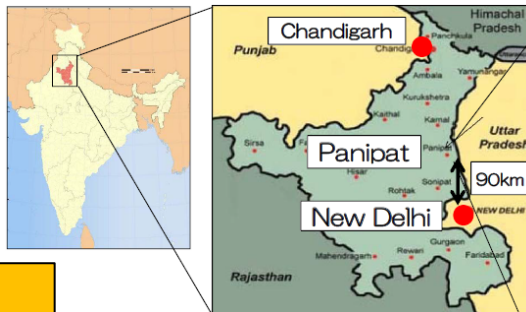
# Smart Grid Demonstration Project in India

## Fuji Electric, Sumitomo Electric

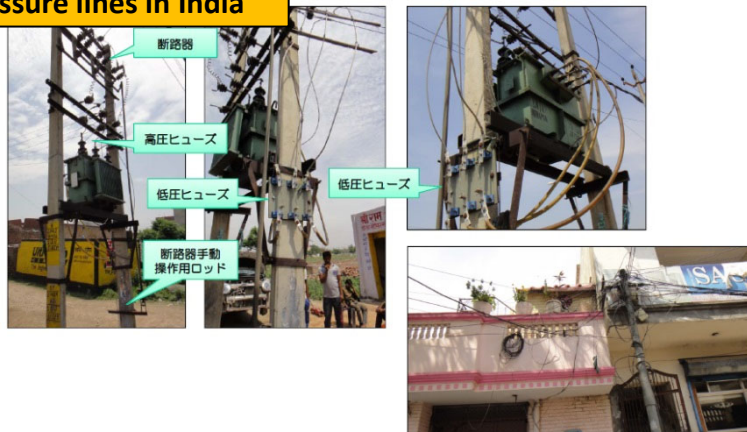
**NEDO: Demonstration project of international energy consumption efficiency technology and systems (Demonstration project for technology and systems):** Demonstration project on smart-grid technologies in India (FY 2014-2015) ⑤③

This is a demonstration project on smart-grid technologies in Panipat City, Haryana State in India. The situation for electric power supply in India is strained. This project is conducting demonstration projects for smart-grid technologies, such as the installation of smart meters in about 10,000 households and the introduction of communication systems that use power lines called TWACS, in addition to smart-grid capacity building working towards the development and expansion of power distribution infrastructure and systems, in order to address the issues of (1) insufficient power supply, (2) long power outage times due to accidents, and (3) theft of and tampering with power meters. Preliminary surveys prior to the demonstration projects are on a scale of about JPY 50 million, and demonstration projects run about JPY 1.7 billion.

Panipat, India



Low-pressure/high-pressure lines in India



### 【Implementation System】

