

1 Implementing Structure and Roles of Each Company

EDMI

Technology provision, installation and analysis support

- Provide smart solutions
- Support data collection, management and analysis

Joint
field trial

CREC

Implementation and operational evaluation of the field trial

- Collect and Analyze electricity usage data
- Evaluate improvements in network visibility and distribution network operation

2 Flow of the Field Trial

1 Installation

Install EDM I smart meters at CREC's service premises (households)

2 Data Collection

Collect electricity usage data, etc., using Storm and Edge Intelligence

3 Analysis

Manage and analyze data using Storm software

4 Utilization

Improve distribution network visibility and enable more advanced operations

5 Evaluation

Assess deployment benefits, operational applications and commercial viability

3 Key Evaluation Items and Expected Outcomes

From EDM I's perspective

- Verify deployment benefits and commercial viability in the U.S. market
- Gain insights and knowledge for future business development in the U.S. market

From CREC's perspective

- Evaluate next-generation smart metering technology
- Improve data access and visibility
- Enhance the reliability of the electric system and customer service