We support businesses in the storage battery, hydrogen and fuel cell fields!

Main Initiatives in the New Energy Field

One of the World’s Largest - “Testing and Evaluation Center for Large Storage Batteries” Completed in the Bay Area of Osaka. (Sakishima Area)

- NITE* has built the world’s largest testing and evaluation facility.
- In preparation for the commencement of testing services beginning summer 2016, Osaka Prefecture, working with NITE and the national government, continues to work to improve the function and encouraging the use of those facilities.
- We are aiming to establish a system that provides necessary services for battery business entry in a one-stop location here in Osaka.

*The National Institute of Technology and Evaluation

Verification Projects using Reusable EV Batteries (Yumeshima Area)

- Since March 2014, we have implemented a project to demonstrate the capabilities of a highly-economic large-scale power storage system constructed by connecting large quantities of discarded used batteries collected from electric vehicles (EV).
- This project can contribute to a low-carbon society in two ways: by promoting EV use and expanding renewable energy.
- Now, we aim to develop an inexpensive power storage system using this technology and create a new energy management business that can provide stable power service by utilizing storage batteries.

Storage Battery Projects are on the Move in the Yumeshima / Sakishima Areas of the Special Zone!

We support businesses in the hydrogen and fuel cell fields!

Main Initiatives in the New Energy Field

Kansai International Airport (KIX) Hydrogen Grid Project (Kansai International Airport Area)

- Currently, the first demonstration project of the fuel-cell-powered forklift / hydrogen supply infrastructure as an Asian airport is being operated.
- Taking advantage of fuel cell forklift’s characteristics, we can increase operating efficiency, reduce CO2 emissions and improve working conditions.
- With the first hydrogen station, KIX becomes the first airport in Japan to supply hydrogen to fuel cell vehicles.

Introducing the Nation’s Largest Fuel Cell in Osaka

- Osaka Wholesale Market, a private enterprise installed the nation’s first 1 MW level fuel cell system for commercial use, and is currently verifying its CO2 reduction, as well as stability and reliability of its power supply.
- The Market purchases generated power and utilizes as emergency power supply.

Osaka is the best place for storage battery business and demonstration!