

# Energy Storage System for WIND FARM

Sodium Sulfur Battery



# Energy Storage System for Solar PV Sodium Sulfur Battery



1,500 kW (10,800 kWh) NAS system



NEDO (New Energy and Industrial Technology Development Organization)  
Hokkaido Electric Power Co., Inc.



**NGK INSULATORS, LTD.**

# Energy Storage System for Island Micro Grid Sodium Sulfur Battery



PV panels



1,000 kW (6,600 kWh) NAS system  
(Inside of Test Facility)

YOUNICOS's Test Facility

SOLON's New Corporate Headquarters

# Energy Storage System for the World's Largest Wind Turbine

## Sodium Sulfur Battery



800 kW (5,760 kWh)  
NAS system

6,000 kW ENERCON's Wind Turbine  
(Emden City in North Germany)



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# Energy Storage System for AEP's Substation Sodium Sulfur Battery

1,000 kW (6,000 kWh) NAS system  
for Chemical Station, WV



2,000 kW (12,000 kWh) NAS system  
for Balls Gap, WV



2,000 kW (12,000 kWh) NAS system  
for East Busco, IN



American Electric Power (AEP)

2,000 kW (12,000 kWh)  
NAS system for Citizen Station, OH



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# Energy Storage System for Reducing CO<sub>2</sub> Emissions

## Sodium Sulfur Battery



1,000 kW (6,000 kWh) NAS system

XCEL ENERGY's site (Luverne, Minnesota)



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