

ABB Power Systems

***Mobile Substations***



**ABB**



## Customer's need

- I.C.E. required a 220 kV Mobile S/S for emergency situations and for temporary energy supply.

## ABB's response

- ABB offered one 220/13.8 kV 30 MVA Mobile GIS substation assembled on two semi trailers.
- ABB optimized the Mobile s/s design and provided a compact solution.
- ABB secured a special power transformer for this application.

## Customer's benefits

- I.C.E. can respond to energy demand in less than 24 hours by putting the Mobile s/s into operation

# SCECO EAST, Kingdom of Saudi Arabia

## Customer's need

- SCECO required a 115/34.5-13.8 kV Mobile S/S to supply energy in remote areas.

## ABB's response

- ABB offered one 115 kV 30 MVA Mobile GIS substation assembled on a single trailer.
- ABB designed a special HV connection between the HV GIS and power transformer.
- ABB provided a suitable design.

## Customer's benefits

- SCECO can place the Mobile S/S in any area where energy is needed.





A global leader  
in power and automation technologies  
that enable utility and industry customers  
to improve their performance  
while lowering environmental impact