Fuel Security
Phase 2
Terminology
Day to Day Energy Security

Fuel Security - plentiful, diverse, dependable fuel supply

Resource Security - diverse generation availability

Energy Security – delivery to load
Problem and Solution Terminology

• Problem:
  – Fuel Security: Availability of fuel both on-site and assessed from delivery systems required for a unit to generate consistent with dispatch signals or operating instructions. Includes all resource types.

• Solution:
  – Energy Security: Includes multiple potential solutions and recovery options. Can be a combination of fuel, resource, and system attributes that can be achieved through existing, modified, or new mechanisms. Acceptable risk level to be determined.
Pipeline Disruptions
Coal Unavailable
Oil deliveries

Which reduces generation diversity to meet energy needs

Problem: Fuel Security

Example: Problem
Energy Security

Locational?

Resource and/or System Level

Supply and Demand Side

Existing, Modified, or New Mechanisms

Markets, Operations, Planning?