National SCADA Test Bed

IMPACT CATEGORIES

PERFORMANCE MEASURES

CONSEQUENCE MODELING

Consequence Analysis

Understanding the consequences of utility system failures is necessary to determine the appropriate responses to be taken

Challenge / Approach

Develop analysis engine estimating "cost" to asset owners of an attack

Interface analysis tool with the Effects/Impact tools

Develop mapping from Grid Impacts to Utility Consequences

Analysis

Determines local-level physical infrastructure and economic consequences of a particular threat

Recommends security measures to minimize consequences

Sandia National Laboratories

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NNSA National Nuclear Security Administration