

2011 Blackout

Peruse the Staff Report on the September 8, 2011 Blackout in the Southwestern U.S. and Mexico.

Write a few sentences about how something you've learned in this class about each of the following topics is relevant to understanding this event:

- (a) Capacitors
- (b) Generator swing equation
- (c) Power flow analysis
- (d) Load frequency control
- (e) Note anything else that you find interesting about this event.
- (f) State one question that you would ask of someone involved in this event (actively, or as a forensic analyst).

2003 Blackout

Peruse the Final Report on the August 14, 2003 Blackout in the U.S. and Canada.

Write a few sentences about how something you've learned in this class about each of the following topics is relevant to understanding this event:

- (a) Reactive power
- (b) Transmission lines
- (c) Power flow analysis
- (d) Stability
- (e) Note anything else that you find interesting about this event.
- (f) State one question that you would ask of someone involved in this event (actively, or as a forensic analyst).