

**PREDECISIONAL**  
**BEING PROVIDED TO SUPPORT THE 2/7/2017 ACRS REGULATORY**  
**POLICIES AND PRACTICES SUBCOMMITTEE MEETING**  
**AND NOT TO SOLICIT EXTERNAL STAKEHOLDER FEEDBACK**

**APPENDIX L: REPLACEMENT POWER COSTS**

Draft Outline

1. Introduction
2. Fuel and Cost Outlooks and Modeling Parameters
  - a. Modeling Overview
  - b. Comparison of Fuel Price Outlooks
3. Market Areas and Units for Analysis
  - a. Analysis Overview
  - b. Market Areas
  - c. Selection of Most and Least Critical Units by Market Area
    - i. New York Independent System Operator (NYISO) and Independent System Operator New England (ISO-NE)
    - ii. PJM Interconnection (PJM)
    - iii. Midwest Independent System Operator (MISO)
    - iv. Southwest Power Pool (SPP)
    - v. SERC Reliability Corporation (SERC)
    - vi. Electric Reliability Council of Texas (ERCOT)
    - vii. Western Electricity Coordinating Council (WECC)
4. Analysis of Unit Outage Impacts: Wholesale Prices and the Replacement Cost of Power
  - a. Summary of Impacts and Guidance on How to Use Report
  - b. Impact of a Nuclear Outage in the NYISO and ISO-NE Markets
  - c. Impact of a Nuclear Outage in the PJM Markets
  - d. Impact of a Nuclear Outage in the MISO Market
  - e. Impact of a Nuclear Outage in the SPP Market
  - f. Impact of a Nuclear Outage in the Southern Markets
  - g. Impact of a Nuclear Outage in the ERCOT Market
  - h. Impact of a Nuclear Outage in the WECC Interconnection Markets
5. References
6. Enclosures 1: Data
  - a. Table 1: Real GDP
  - b. Table 2: Net Electric Energy to Grid
  - c. Table 3: Henry Hub Natural Gas Price Outlooks
  - d. Table 4: West Texas Intermediate Crude Oil Price Outlooks
  - e. Table 5: U.S. FOB Mine Steam Coal Price Outlooks Central Appalachian
  - f. Table 6: U.S. Operating Capacity and Generation Summary Outlook Early Release AEO 2011
  - g. Table 7: U.S. Operating Capacity and Generation Summary Outlooks NASC Fall 2010
7. Enclosure 2: Detailed Assumptions for HIS Environmental Policies
8. Enclosure 3: Glossary