

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