

## Energy and Economic Impacts of Implementing a 25-Percent RPS and RFS by 2025

**Table 1. Analysis Cases**

Case Name	Description
Reference Case	Based on the <i>AEO2007</i> reference case and updated as described above.
High Price Case	Based on the <i>AEO2007</i> high price case, but includes revisions adopted in the Reference Case for this study.
Policy Case	Based on the Reference Case for this study, but includes revisions to NEMS modules needed to represent the RPS and RFS policies and incentives.
High Price Policy Case	Based on the <i>AEO2007</i> high price case, but includes revisions adopted in the Reference Case and Policy Case for this study.
Low-Cost Ethanol Imports Case	Assumes that prices for U.S. ethanol imports are significantly lower, and that their availability is greater, than in the Reference Case.
Low-Cost Ethanol Imports Policy Case	Combines the assumptions from the Low-Cost Ethanol Imports Case with the Policy Case assumptions.
High Renewable Technology (High Technology) Case	Uses the assumptions of the <i>AEO2007</i> rapid renewable generation technology assumptions and the rapid cellulosic ethanol technology progress assumptions with the changes made in the Reference Case for this study. Cellulosic technology capital costs are assumed to decline to \$186 million per 50-million-gallon-per-year plant in 2015 and remain constant thereafter. Finally, the “high yield” biomass supply curve was also assumed for the High Technology Case.
High Renewable Technology Policy (High Technology Policy) Case	Combines the assumptions from the High Renewable Technology Case with the Policy Case assumptions.