

## The Comprehensive Electricity Competition Act: A Comparison of Model Results

**Table 3. Comparison of Major Differences Between EMM and TRADELEC™**

Area	NEMS	POEMS
Regional Detail . . . . .	13 regions	114 regions
Pricing Methodology . . . . .	Marginal energy, taxes, reliability component	Marginal energy, O&M, ancillary services charge
Stranded Costs . . . . .	Calculated at the EMM region level as the discounted difference of power plant revenues available to meet fixed costs under regulation and competition	Calculated at the utility level by subcomponent—generating plant stranded costs, regulatory asset costs, and nuclear decommissioning costs
Reserve Margins . . . . .	Endogenous, based on cost of capacity and value of unserved energy	Exogenous
Trade . . . . .	Aggregated to NERC region	Disaggregated to the power control area level

Sources: **NEMS**: National Energy Modeling System Documentation, <http://www.eia.doe.gov/bookshelf/docs/html>. **POEMS**: U.S. Department of Energy, *Supporting Analysis for the Comprehensive Electricity Competition Act*, DOE/PO-0059 (Washington, DC, May 1999).