

HB1393 - Electric System Planning FAVORABLE WITH AMENDMENT

The proposed amendment is for Maryland to improve its system analysis and modeling skills and to assure that its methodologies are common across its distribution utilities and with PJM. Maryland needs the skills to understand the difference between good analysis and bad analysis.

§7-803

(e) Maryland recognizes that:

- (1) A system is defined as a group of interacting or interrelated elements that act according to a set of rules to form a unified whole.
- (2) That a system has boundary that must be well defined for all modeling conditions of interest. (We should not assume that electricity can be imported/exported at historical prices.)
- (3) That a system can be modeled with various levels of fidelity depending on the problem. For electric power and important discriminator is transmission fidelity. Either perfect transmission (no loss, no cost), or transmission with reliability factors, losses, line outages. Multiple models will be required.

(f) The Maryland Energy Administration will work with local distribution companies and PJM to assure access to common and essential analytic tools and to understand how distribution companies interface with PJM.

