

GridSpice - Modeling Approach

- *Complex adaptive system (non-linear)* to model interactions of power systems, wholesale and retail markets and consumer behavior
- *Agent based simulation* to model complex adaptive systems
 - Modeler constructs a virtual world populated by various agents (social, economic, structural, biological etc), the rules of interaction and initial conditions
 - Modeler steps back and observes how this world evolves without any further intervention
 - Stochastic, dynamic open-ended game between participants

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