

MDNR Company-Specific Contemporary Issues For Ameren Missouri

Issue 1: Analyze changes in load forecast in light of expected reductions in demand and energy sales due to Ameren Missouri's MEEIA portfolio.

Compare Ameren's 20-year load forecast without the projected impact of MEEIA to the forecast including the projected impact of MEEIA.

Issue 2: Coal Plant Retirements

Analyze, rank and document existing coal plant fleet as retirement candidates in light of changes in load forecast due to MEEIA and new opportunities for generation, such as the Maryland Heights Energy Center and the potential development of the small modular nuclear reactor (SMR) projects.

Issue 3: DSM, Combined Heat and Power (CHP) and Distributed Generation (DG)

Analyze and document the impacts of opportunities to implement distributed generation, DSM programs and CHP projects in collaboration with municipal water treatment plants and other local waste or agricultural/industrial processes with on-site electrical and thermal load requirements, especially in targeted areas where there may be transmission or distribution line constraints.

Issue 4: Customer Information/Behavior Modification DSM Programs

Analyze and document alternative customer information/behavior modification program options to increase customer awareness and encourage more efficient use of energy. Present an analysis of the cost-effectiveness of these programs over a three-year program cycle and a 20-year time horizon.