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8.(1) The plan shall include the utility's resource assessment and acquisition plan for providing an adequate and reliable supply of electricity to meet forecasted electricity requirements at the lowest possible cost. The plan shall consider the potential impacts of selected, key uncertainties and shall include assessment of potentially cost-effective resource options available to the utility.

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8.(2) The utility shall describe and discuss all options considered for inclusion in the plan including:

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8.(3) The following information regarding the utility's existing and planned resources shall be provided. A utility which operates as part of a multi-state integrated system shall submit the following information for its operations within Kentucky and for the multi-state utility system of which
it is a part. A utility which purchases fifty (50) percent or more of its energy needs from another company shall submit the following information for its operations within Kentucky and for the company from which it purchases its energy needs.

8.(3)(a) A map of existing and planned generating facilities, transmission facilities with a voltage rating of sixty-nine (69) kilovolts or greater, indicating their type and capacity, and locations and capacities of all interconnections with other utilities. The utility shall discuss any known, significant conditions which restrict transfer capabilities with other utilities.

8.(3)(b) A list of all existing and planned electric generating facilities which the utility plans to have is service in the base year or during any of the fifteen (15) years of the forecast period, including for each facility:

8.(3)(c) Description of purchases, sales or exchanges of electricity during the base year or which the utility expects to enter during any of the fifteen (15) forecast years of the plan.

8.(3)(d) Description of existing and projected amounts of electric energy and generating capacity from cogeneration, self-generation, technologies relying on renewable resources, and other nonutility sources available for purchase by the utility during the base year or during any of the fifteen (15) forecast years of the plan.

8.(3)(e) For each existing and new conservation and load management or other demand-side programs included in the plan:

8.(3)(e)(1) Targeted classes and end-uses;

Existing Programs

New Programs

8.(3)(e)(2) Expected duration of the program;

8.(3)(e)(3) Projected energy changes by season, and summer and winter peak demand changes;

8.(3)(e)(4) Projected cost, including any incentive payments and program administrative costs; and

8.(3)(e)(5) Projected cost savings, including savings in utility's generation, transmission and distribution costs.

8.(4) The utility shall describe and discuss its resource assessment and acquisition plan which shall consist of resource options which produce
adequate and reliable means to meet annual and seasonal peak demands and total energy requirements identified in the base load forecast at the lowest possible cost. The utility shall provide the following information for the base year and for each year covered by the forecast:

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