

Item G:

Cost/benefit analysis of several alternatives for:

- Enhancing reliability;
- Providing additional capacity including evaluation of energy storage, distributed energy resources, demand response or smart grid solutions.

Response to Item G:

The attached report, prepared by Quanta Technology as a contractor to Southern California Edison (SCE), provides a cost-benefit analysis comparing several alternatives, including the Alberhill System Project (ASP). The identification of alternatives and methodology for this cost-benefit analysis are described in the Quanta Technology report and summarized with additional context in the response to DATA REQUEST SET ED-Alberhill-SCE-JWS-4 Item C (Planning Study).

This cost-benefit analysis is one factor among many which informs and supports SCE's recommended solution¹. Other factors integrated into SCE's analysis and informing SCE's recommended solution include, but are not limited to, benefits achieved in both the near and long term, potential environmental impacts, input from the general public and other stakeholders, and other risk considerations.

¹ . See DATA REQUEST SET ED-Alberhill-SCE-JWS-4 Item I.

A Appendix: Quanta Cost Benefit Analysis

The Quanta Technology report, *Cost Benefit Analysis of Alternatives*, which includes supporting cost benefit spreadsheets, is attached as Appendix A to this data submittal.