

Non-Utility Stakeholder Input

Note to Advisory Group Members: In December, Black & Veatch sent an e-mail to all non-utility stakeholders that were on the AEA Technical Conference invitation list. In this e-mail, we provided the following three opportunities to non-utility stakeholders to provide input:

- Provide responses to a series of questions that were contained in a survey instrument that was attached to the e-mail.
- Provide reference documents that they believe we should consider during the course of the project.
- Meet in person with Black & Veatch representatives to discuss project issues.

For your information, this document includes the following three sections:

- Non-utility stakeholder input form.
- List of non-utility stakeholder input form respondents.
- List of non-utility stakeholder discussions held to date.

While this information relates to non-utility stakeholders, we will be meeting with each of the Railbelt utilities to provide them with the opportunity to provide similar input.

Additionally, all stakeholders will be provided the opportunity to provide comments on our preliminary results, conclusions and recommendations before we develop the Draft Report for review and comment.

Non-Utility Stakeholder Input Form

Alaska Railbelt Electrical Grid Authority (REGA) Study Stakeholder Input Form

General note to REGA Stakeholders: please provide the requested information in the box below and respond to any or all of the following questions. We would also appreciate it if you would provide any reference documents that you wish us to consider during the course of this project. Thank you for your time and input.

Kevin Harper
Director
Black & Veatch
24513 SE 37th Street
Issaquah, WA 98029
(425) 427-1652
HarperKM@bv.com

Name or Organization:

Respondent

Name:

Title:

Address:

Telephone number:

- 1. In your view, what are the key issues and uncertainties regarding the future of the Railbelt electrical grid?**
- 2. What are the major future risks (e.g., loads, generation, technology, fuel supplies, etc.) facing the Railbelt utilities?**
- 3. What are the major future opportunities (e.g., loads, generation, technology, fuel supplies, etc.) available to the Railbelt utilities?**

- 4. It was mentioned during the Technical Conference that there have been previous studies of the Railbelt, but they are all “sitting on the shelf.” What was lacking in those studies that caused them to not be implemented?**
- 5. What are the key elements that would make this study more valuable, successful and/or more likely to be implemented as compared to previous studies?**
- 6. What material changes (e.g., generation, loads, transmission, costs, new projects, etc.) have occurred since previous studies that you believe could affect the results of this study? In your view, what actions have been taken by the Railbelt utilities, or other parties, since the previous studies? What actions have been successful, which have been unsuccessful?**
- 7. How acceptable or desirable are coal and nuclear generation plants within the State? In your view, what are the major issues and challenges associated with the future use of coal and nuclear?**
- 8. What carbon-related restrictions, taxes or fees should be established in Alaska?**
- 9. What are your views regarding the resource potential and economics of demand-side management/energy efficiency programs within the Railbelt?**
- 10. What are your views regarding the resource potential and economics of renewable energy technologies within the Railbelt?**
- 11. What are your views regarding the resource potential for, and economics of, distributed generation programs within the Railbelt?**
- 12. What are your views regarding the potential and economics of green pricing programs within the Railbelt?**
- 13. Are there any market, legislative, or regulatory hurdles that negatively affect investments in energy efficiency and demand-side management programs, distributed generation technologies, renewable resources, and green pricing? If so, do you have any suggestions regarding how these hurdles should be addressed?**

- 14. Are there any market, legislative, or regulatory hurdles that negatively affect the development of independent power projects? If so, do you have any suggestions regarding how these hurdles should be addressed?**

- 15. If a separate organization was created to manage unified system operations of the Railbelt Electric Grid, what do you think its main responsibilities should be?**

- 16. What are your views regarding the costs, benefits and shortcomings of joint economic dispatch, regional integrated resource planning, joint project development and investment, and the formation of a power exchange, Independent System Operator and/or Regional Transmission Organization?**

- 17. Please identify any business models related to joint economic dispatch; regional integrated planning; or joint power project development and delivery of energy efficiency and/or renewables programs, etc., which you believe should be considered. Please identify specific examples where possible.**

- 18. What role do you believe the State, and agencies such as the Alaska Energy Authority, should play in the future related to matters affecting the Railbelt utilities and their customers? In particular, do you believe that the State should expand or dispose of its ownership and/or control of primary energy assets in the Railbelt?**

- 19. Please provide any additional comments you might have.**