

Benefit Form

Applicants are required to fill out the benefit form. This form should be considered to supplement/summarize the content requested in the proposal (items ii. roadmap and vi. BPA benefit in Volume I – Technical Proposal). The term “application” in this form is defined as the proposed usage of the project results by or for BPA. The benefit form will be used to assess the practical merit and future usage of the proposed work.

If the proposed work fits any item in the form, the applicant / proponent should provide a brief explanation in the form. More complete explanations can be referenced in Volume I – Technical Proposal.

- A. Application of Results: The expected type of use of the result of the proposed work is defined. While the proposed work could be applicable for multiple types at a certain degree, only one representative application result should be selected and described.
 - a. Firm Application: If process, software, or hardware from the work is expected to be used at BPA system without additional technical or regulatory issues, it is defined as a firm application.
 - b. Potential Application: If the use of the proposed work is expected but cannot be reasonably expected to be implemented in the near future for any reason, it is classified as a potential application.
 - c. Indirect benefit: If the result of the proposal is not intended to be deployed at BPA but influences or supports BPA indirectly, it is a type of work providing indirect benefit.
- B. Nature of Benefit: The proposed work is expected to provide economic and/or non-economic value to BPA. If the outcome of the proposed work yields economic value to BPA, describe, quantify, or estimate the expected cost saving or revenue increase (specifics including appropriate assumptions and calculations should be explained in more detail in Volume I). No complex economic models or equations are required for this purpose. Non-economic metrics of the proposed work should be aligned to the selected BPA strategies (see www.bpa.gov). Address how the results of the work contribute to the BPA strategic goals.
- C. Benefit due to Increase or decrease: Applicants should provide practical and technical methods of how the proposed work realizes the nature of benefit. The BPA roadmaps include technical and operational challenges of which technical solutions will increase BPA operational or business performance, or decrease negative impacts. Describe how the proposed work will increase the performance or decrease the negative impacts through the target drivers and challenges described in the technology roadmaps.

Benefit Form

A. APPLICATION OF RESULTS (select one)

Application Result	Yes/No	Descriptions (What application the project produces and why)
Firm Application		
Potential Application		
Indirect Benefit		
Other		

B. NATURE OF BENEFIT (select all that apply)

Nature of Benefit		Yes/No	Descriptions (How and what degree the outcome will yield the benefit)
Economic Value	Cost Avoidance or Saving		
	Increase Revenue		
Strategic Fit	Safety		
	Preserve and enhance generation and transmission assets and value		
	Advance energy efficiency		
	Expand balancing capabilities and resources		
Other			

C.a. BENEFIT DUE TO INCREASE (select all that apply)

Increase In	Yes/No	Descriptions (How and what degree the result increases the item on the left column)
Production Efficiency (hydro system)		
Transmission Revenue		
Power Sales		
Reliability		
Availability		
Generation and Transmission Assets and Value		
Balancing Capacities and Resources		
Cost Effective Energy Resource		
Other		

C.b. BENEFIT DUE TO DECREASE IN (select all that apply)

Decrease In	Yes/No	Descriptions (How and what degree the result decreases the item on the left column)
Construction Lead Time		
Capital Costs		
System Losses		
Environmental / Financial Risk		
Congestion		
Power Production Costs		
Maintenance Costs		
Labor through Productivity Gains		
Customer Outage Costs		
Transactional Costs		
Other		