

DOCKETED

Docket Number:	16-EPIC-01
Project Title:	EPIC Idea Exchange
TN #:	216534
Document Title:	US Hybrid Corporation Comments: Increase Adoption of Emerging Clean Energy Technologies through Procurement
Description:	N/A
Filer:	System
Organization:	US Hybrid Corporation
Submitter Role:	Public
Submission Date:	3/13/2017 4:10:07 PM
Docketed Date:	3/13/2017

Comment Received From: US Hybrid Corporation

Submitted On: 3/13/2017

Docket Number: 16-EPIC-01

US Hybrid Corporation Comments: Increase Adoption of Emerging Clean Energy Technologies through Procurement

March 13, 2017

Mr. Nicholas Blair
California Energy Commission
Energy Research and Development Division
1516 Ninth Street, MS-51
Sacramento, CA 95814-5512

Subject: Electric Power Research Institute's Response to the Electric Program Investment Charge (â€œEPICâ€) Request for Comments: Increase Adoption of Emerging Clean Energy Technologies through Procurement

Dear Mr. Blair,

US Hybrid Corporation extends its gratitude to CEC for their continuing support and dedication to increasing the adoption of emerging clean energy technologies. Since its inception, US Hybrid has been committed to expanding the clean energy technology industry by investing decades of operation and substantial capital invested in supporting production to integrated power train products enabling clean mobility. US Hybrid is pleased to provide a response to the Electric Program Investment Charge's RFC: Increase Adoption of Emerging Clean Energy Technologies through Procurement. We appreciate this opportunity to offer feedback.

Sincerely,

Abas Goodarzi, Ph.D., P.E.
President, CEO
US Hybrid Corporation
445 Maple Ave., Torrance, CA 90503-3807
Phone: 310-212-1200, Fax: 310-212-1102
abas@ushybrid.com

www.ushybrid.com

When work is a pleasure, life is a joy

1. (For all groups) What are barriers that large-scale customers face when procuring emerging energy technology solutions? Would projects funded from this solicitation help address those barriers? If not, what specific changes would you recommend to help ensure the resulting projects meet large-scale customer procurement needs?

It is difficult for large-scale customers to completely understand the beneficial effects of various energy technology solutions, especially when either the customer or technology is newly emerging in the industry. Beneficial information for emerging technologies can be viewed as less precise if long term benefits haven't been adequately proven.

The overall cost/benefit analysis of a product can be misconstrued if the potential benefits are not fully understood.

After sales product support is also a barrier when it comes to large-scale customers. Long-term support is seen as extremely vital, especially when dealing with emerging energy technology solutions, but can become very costly for both parties involved. Additional funding for this type of product support as well as developing common guidelines for such services would be beneficial.

2. (For all groups) What are specific recommendations you can provide for improving the purpose of the solicitation outlined in this RFC? Please explain the rationale behind the recommendations.

No comment.

3. (For all groups) Are there existing efforts that complement the groups identified in this RFC? What specific changes to this proposed solicitation would you suggest to best leverage these existing efforts?

No comment.

4. (For all groups) Are the proposed funding amounts identified in this RFC appropriate for the work requested? Please explain the rationale behind the recommendations, and, if applicable, what would the expected cost be to adequately test and evaluate the technology types identified in this draft solicitation?

No comment.

5. (For Group 1) Should the Energy Commission require test bed locations in both Northern and Southern California? Please explain the rationale behind the recommendations.

No comment.

6. (Groups 1 and 2) Are there additional technologies we should consider or technologies we should remove from the lists provided in this RFC? Please explain the rationale behind the recommendations.

No comment.

7. (Group 3) How can Group 3 most effectively build trust with target customers to ensure that the target customers are buying high quality products?

No comment.

8. (For Group 4) What are the largest impediments to successful deployment of solutions that can facilitate successful procurement of emerging energy technologies? Are there solutions not addressed under this proposed solicitation that would address these impediments? Please explain the rationale behind the recommendations.

No comment.

Additional submitted attachment is included below.



March 13, 2017

Mr. Nicholas Blair
California Energy Commission
Energy Research and Development Division
1516 Ninth Street, MS-51
Sacramento, CA 95814-5512

Subject: Electric Power Research Institute's Response to the Electric Program Investment Charge ("EPIC") Request for Comments: Increase Adoption of Emerging Clean Energy Technologies through Procurement

Dear Mr. Blair,

US Hybrid Corporation extends its gratitude to CEC for their continuing support and dedication to increasing the adoption of emerging clean energy technologies. Since its inception, US Hybrid has been committed to expanding the clean energy technology industry by investing decades of operation and substantial capital invested in supporting production to integrated power train products enabling clean mobility. US Hybrid is pleased to provide a response to the Electric Program Investment Charge's RFC: Increase Adoption of Emerging Clean Energy Technologies through Procurement. We appreciate this opportunity to offer feedback.

Sincerely,

Abas Goodarzi, Ph.D., P.E.
President, CEO
US Hybrid Corporation
445 Maple Ave., Torrance, CA 90503-3807
Phone: 310-212-1200, Fax: 310-212-1102
abas@ushybrid.com

www.ushybrid.com

When work is a pleasure, life is a joy

1. (For all groups) What are barriers that large-scale customers face when procuring emerging energy technology solutions? Would projects funded from this solicitation help address those barriers? If not, what specific changes would you recommend to help ensure the resulting projects meet large-scale customer procurement needs?

It is difficult for large-scale customers to completely understand the beneficial effects of various energy technology solutions, especially when either the customer or technology is newly emerging in the industry. Beneficial information for emerging technologies can be viewed as less precise if long term benefits haven't been adequately proven. The overall cost/benefit analysis of a product can be misconstrued if the potential benefits are not fully understood.

After sales product support is also a barrier when it comes to large-scale customers. Long-term support is seen as extremely vital, especially when dealing with emerging energy technology solutions, but can become very costly for both parties involved. Additional funding for this type of product support as well as developing common guidelines for such services would be beneficial.

2. (For all groups) What are specific recommendations you can provide for improving the purpose of the solicitation outlined in this RFC? Please explain the rationale behind the recommendations.

No comment.

3. (For all groups) Are there existing efforts that complement the groups identified in this RFC? What specific changes to this proposed solicitation would you suggest to best leverage these existing efforts?

No comment.

4. (For all groups) Are the proposed funding amounts identified in this RFC appropriate for the work requested? Please explain the rationale behind the recommendations, and, if applicable, what would the expected cost be to adequately test and evaluate the technology types identified in this draft solicitation?

No comment.

5. (For Group 1) Should the Energy Commission require test bed locations in both Northern and Southern California? Please explain the rationale behind the recommendations.

No comment.

6. (Groups 1 and 2) Are there additional technologies we should consider or technologies we should remove from the lists provided in this RFC? Please explain the rationale behind the recommendations.

No comment.

7. (Group 3) How can Group 3 most effectively build trust with target customers to ensure that the target customers are buying high quality products?

No comment.

8. (For Group 4) What are the largest impediments to successful deployment of solutions that can facilitate successful procurement of emerging energy technologies? Are there solutions not addressed under this proposed solicitation that would address these impediments? Please explain the rationale behind the recommendations.

No comment.