

Bidders Conference Q&A

1. Will the ELL Solar RFP Technical and Bidders Conference presentation slides be emailed to participants or posted online?
 - a. The presentation is posted online under the “Reference” tab of the RFP website.
2. Please describe the analyses that will be conducted to assess the impact on system operations and economics as a result of the solar output being reduced (a) because of intermittent operation (i.e. sudden cloud cover), and (b) at the end of the solar day when other units are required to ramp-up to replace the loss of solar output.
 - a. The objective of the economic evaluation is to fairly and consistently compare proposals to identify the proposals that are best suited to meet ELL’s needs. ELL factors in the intermittent nature of solar resources when evaluating relative economics and system reliability. To the extent that all proposals would be similarly affected by intermittent operation, the relative effects would not affect the ranking of the proposals.
 - b. Likewise, to the extent that the ramping requirements imposed to replace solar output after the daylight hours is similar, the relative effects would not affect the ranking of the proposals.
3. Entergy references its legacy gas units as part of the background for its Solar RFP. (a) Has Entergy completed and submitted to the LPSC its viability study for its legacy generation units as referenced in its May 2019 Integrated Resource Plan Action Plan? (b) Are any of the study results publicly available?
 - a. No, the study is ongoing.
 - b. N/A.
4. Has Entergy completed its legacy unit study and can that study be made available to the bidders?
 - a. No, the study is ongoing.
5. How will Entergy analyze the availability of output from resources proposed in its Solar RFP relative to availability of output from legacy gas generation units currently in operation?
 - a. The evaluation will assess how the addition of solar resources to ELL’s portfolio of existing and planned resources will affect ELL’s variable supply cost and total relevant supply cost. The projected operation of ELL’s existing and planned resources will be considered through the variable cost assessment of the portfolio’s ability to meet ELL customers’ needs.
6. Entergy references a potential Self-Build Option in its Solar RFP. Does the personnel working on the Self-Build Option exclude all persons that worked on or have knowledge of confidential information from the viability study for the legacy generation units?
 - a. As indicated in the response to a previous question, the legacy gas unit study has not been completed and is ongoing. It should also be noted that ELL has implemented, and will continue to implement, all safeguards required by the Commission’s Market Based Mechanisms Order to ensure that the Self-Build Option receives no preferential treatment, including, but not limited to, ensuring that the Self-Build team has no preferential access to information or any unfair advantage over other potential bidders. Please see the Main Body (including Section 3) and Appendix G of the draft RFP documents for additional details on the required safeguards.
7. Entergy references that the Solar RFP seeks up to 250 MW, but that it reserves rights to acquire more than 250 MW from the RFP. Does the RFP have a cap on the amount of potential acquisitions?
 - a. There is no sub-cap on the amount of potential acquisitions.

8. Does Entergy intend to analyze proposals from the Solar RFP relative to market prices of other types of generation resources to ensure lowest reasonable cost resources for ratepayers?
 - a. The reference resource plan included in ELL's 2019 IRP concludes that solar is considerably more economic when compared to other renewable resources, which is consistent with the proposals submitted in ELL's last renewable RFP, and is therefore the preferred renewable technology for the next several years. The objective of the economic evaluation is to fairly and consistently compare proposals to identify the solar resource proposals to meet ELL's needs. It has already been determined that the addition of solar resources to ELL's portfolio will support the objectives of serving ELL's customers reliably, at the lowest reasonable cost, while considering risk; therefore, within the context of this RFP, other resource types will not be directly considered as incremental alternatives to solar.

9. Why has ELL limited the RFP to solar only?

Please see the response to question 8.

10. The ELL Solar RFP and Bidder's Conference indicates a min/max capacity of 50MW up to 100MW for a PPA and 150MW for BOT proposals. Can you clarify the definition of capacity – such as nameplate capacity as defined by a project LGIA or alternatively accredited capacity?
 - a. Please see the draft PPA & BOT documents posted to the ELL RFP website, including the following defined terms:
 - i. BOT – Guaranteed PV Plant Capacity
 - ii. PPA – Expected Capacity.
 - b. The capacity should be based on the (AC) value of the facility and should not exceed the quantity of the network resource interconnection service (NRIS) requested in the MISO interconnection application for the facility.

11. Can Entergy clarify the reasoning behind the volume sizing limitations and of 100MW for a PPA or 150MW to BOT?
 - a. ELL does not currently own or operate any solar resources. ELL has a 50 MW solar PPA that is expected to commence operations in 2020. ELL desires to obtain direct experience with the ownership and operation of solar resources, which experience is expected to provide long-term benefits to ELL's customers. Accordingly, this RFP limits the amount of PPAs to 100 MW.

12. Why are PPA's limited to 100 MW's, but BOT's are allowed up to 150 MW's?
 - a. ELL does not currently own or operate any solar resources. ELL has a 50 MW solar PPA that is expected to commence operations in 2020. ELL desires to obtain direct experience with the ownership and operation of solar resources, which experience is expected to provide long-term benefits to ELL's customers. Accordingly, this RFP limits the amount of PPAs to 100 MW.

13. If a resource is being studied under MISO as a 200MW interconnection at the POI, will Entergy entertain a proposal for the full volume to maximize the value on a \$/MW basis of allocated NUs?
 - a. While the RFP places limits on individual resources, ELL reserves the right to evaluate resources offered at the full amount of the requested interconnection service.

14. Will the presentation and recordings be available after today?
 - a. The presentation is posted online under the "Reference" tab of the RFP website. Recordings will not be available.

15. Is there a MWdc capacity limit for proposals?
 - a. No.

16. On slide 24, a scorecard was mentioned - is that scorecard available for review?
 - a. No.
17. Is capacity the only reliability benefit to be economically evaluated?
 - a. No, please see 5.1.2 of the draft Main Body located on the RFP website for additional details.
18. Can ELL provide its long-term gas forecast?
 - a. It is not necessary for bidders to have the long-term gas forecast as all proposals will be evaluated using the same long-term gas forecast information.
19. Will this be Entergy's only renewable RFP associated with its 2019 IRP?
 - a. As was indicated in Entergy Louisiana's 2019 IRP, "...ELL intends to issue a Request for Proposals ("RFP") for renewable resources no later than early 2020, which ELL anticipates would be followed by a recurring series of RFPs for renewable resources to support ongoing ELL energy needs and capitalize on the improving economics of solar and potentially other technologies relative to conventional generation resources. While the frequency and other parameters of these RFPs have not yet been determined, the strategy that ELL intends to deploy is one that systematically integrates cost-effective renewable resources over time while meeting ELL's planning objectives."
20. The multi-year process for approving projects in this RFP is too long; would Entergy consider shortening project approval?
 - a. ELL's timeline relies on reasonable assumptions regarding compliance with the MBMO and other LPSC orders and rules relating to resource approval, which cannot be changed by ELL unilaterally.
21. Why is the RFP limited to 250 MW's?
 - a. The Company believes that 250 MW is an appropriate size for this RFP for the following reasons:
 - i. 250 MW is large enough to accommodate multiple proposals for utility-scale solar transactions, which would allow for resource diversity while still capturing economy of scale;
 - ii. 250 MW is small enough so as not to exhaust the solar resources in the 2018 and 2019 MISO DPP studies, allowing for robust competition, which will benefit customers); and
 - iii. After considering the MISO capacity accreditation methodology, 250 MW solar ICAP will represent a relatively small portion of ELL's generation portfolio.
 - b. The Company also believes that 250 MW of solar resources will provide meaningful benefits for ELL customers, including the following:
 - i. Reduce customer exposure to the energy market by adding low-cost energy resources;
 - ii. Facilitate the gradual incorporation of solar into ELL's generation portfolio (i.e., not too much too soon); resources from the 2020 Solar RFP would serve as an initial tranche of solar that may be built upon in future RFPs; and
 - iii. Provide a potential initial portfolio from which to source a green tariff option.
22. Does ELL have a preference for solar plus batteries, solar alone, or batteries alone?
 - a. ELL does not have a preference for solar plus batteries or solar alone, but standalone batteries are not being considered in this RFP. The costs and benefits of an integrated solar plus battery energy storage proposal will be considered as part of the economic evaluation.
23. How will Entergy quantify the seasonal capacity value of the resources?
 - a. The Company will evaluate the capacity value of the resource using the methodology tools and assumptions consistent with ELL resource planning evaluations.
24. How will Entergy model and quantify the additional operational reserve requirements to address the intermittency of the resources? How will this be considered in the economic evaluation?
 - a. Please see the response to question 2.

25. How will the Entergy evaluation teams assess any solar resources coupled with battery(ies), on an integrated basis or standalone for solar resources and standalone for battery(ies)?
- a. All conforming solar proposals will be evaluated on a standalone basis and conforming solar proposals that include a conforming separately priced battery energy storage option will also be evaluated as an integrated solar plus battery energy storage proposal. Please see Section 1.9, Eligible Technologies, of the draft Main Body of the RFP, which states:
“Bidders may offer a commercially-proven lithium ion battery energy storage technology as a separately priced option for the Solar PV facility, but may not condition selection of the proposal based on the Solar PV facility on the selection of a battery energy storage component.”

Also, please see the response to question 22.

26. What specific reliability needs exist in SELPA, and how will Entergy evaluate reliability attributes associated with projects proposed?
- a. SELPA is a constrained planning area in ELL’s service area which contains a significant amount of high load factor industrial load. It includes the Amite South and DSG load pockets. The area regularly relies on local generation as well as imports to serve peak load and transmission requirements. Further, a significant portion of ELL’s legacy assets are located in the area. These legacy units in Amite South and DSG are critical to local reliability, and, because of their age (currently greater than 45 years), are expected to deactivate over ELL’s planning horizon. The incremental resources of St. Charles Power Station (now known as the J. Wayne Leonard Power Station) and Washington Parish Energy Center are expected to support the local needs of the area; however, additional generation will be required in the region to support local reliability requirements and to replace legacy generation assets when these assets deactivate and/or when load grows.
 - b. The Transmission Evaluation Team will evaluate transmission reliability for each proposal based on NERC Reliability Standards and Entergy Transmission Local Planning Guidelines and Criteria.
27. Can ELL provide the specific facilities in SELPA it anticipates retiring and when?
- a. No. Please see the response to question 3. No retirement decisions have been made as the study is ongoing.
28. Why would ELL prohibit projects that may enter into MISO's 2020 DPP window?
- a. Bidders are responsible for bearing all the risk associated with the Transmission and Interconnection for the project and achieving an in-service date of December 31, 2023. The current schedule for MISO’s 2020 DPP study process will not provide Phase 1 study results until early 2021, after proposals are due in this RFP, putting the project schedule at risk and/or adding additional cost to ELL customers.

Please see response to question 13.

29. Why did ELL limit the contract length to 20 years?
- a. ELL has determined that the 20-year maximum delivery term for PPA proposals reasonably balances the risks to customers under longer-term PPAs and ELL’s interest in encouraging bidders with PPA proposals to participate in the RFP. The risk profile of PPAs differs from that of ELL-owned resources or acquisitions because PPAs involve a commitment that provides the purchaser with less flexibility and control in responding to changing conditions that cannot be known or predicted at the time a PPA is executed. The longer the term of a PPA, the more significant this risk becomes. A PPA contract length of 20 years is consistent with prior RFPs, including ELL’s 2016 Renewables RFP.

2020 ELL Solar RFP Q&A's

1. 04/14/2020 I am emailing regarding Entergy Louisiana's plans to issue a request for proposals for up to 250 MW of new-build solar photovoltaic resources, as S&P Global reported. Any confirmation would be appreciated. If possible, would you be able to forward along the report and any other related materials?
 - a. Thank you for your email. Yes a Request for Proposals is planned to be issued for up to 250 MW of Solar Photovoltaic Resources. Additional details, and periodic updates, can be found on the RFP Website <https://spofossil.entergy.com/ENTRFP/SEND/2020ELLSOLARRFP/index.htm>
2. 04/14/2020 We are in Energy field and very interested in projects like this. So, we would like to participate in future bids on future projects related to energy.
 - a. Thank you, your contact information has been included on the RFP distribution list for future RFPs.
3. 04/20/2020 I was curious if projects in the Central planning region would still be eligible if proven to be competitive depending on settlement details.
 - a. Please refer to Sections 1.2, 1.10, 1.11, 2.4 and 2.5 of the 2020 ELL Solar RFP Main Body draft RFP document that was posted on April 16th 2020.
4. 04/20/2020 Can you tell me if non-conforming projects in LA with MISO South 2020 queue positions can be submitted?
 - a. Please refer to Sections 1.10, 1.11, and 2.4 of the 2020 ELL Solar RFP Main Body draft RFP document that was posted on April 16th 2020.
5. 04/21/2020 The link on the website to the RFP does not work. When one clicks on the link at this site, the site does not redirect to the RFP: <https://spofossil.entergy.com/ENTRFP/SEND/2020ELLSOLARRFP/index.htm>. Please advise if we can obtain a copy of the RFP from another link or via email. Thanks!
 - a. We apologize for the inconvenience. A few others have had this issue. Please try using a different web browser (Ex. Internet Explorer, Edge) and let us know if you still have an issue.
6. 04/23/2020 Thank you, can the anticipated timeframe for the Technical & Bidders Conferences be provided? I've not been able to find this information in the RFP documentation to secure schedules. Many thanks in advance.
 - a. Please see the notice for Docket No. X-35426 published to <http://www.lpsc.louisiana.gov/> under 'Most Recent News and Information' for more information regarding the Technical & Bidders Conference.
7. 04/23/2020 Can you tell me if non-conforming projects in LA with MISO South 2020 queue positions can be submitted, recognizing that we assume the interconnection risks?
 - a. Non-conforming proposals are subject to rejection, without any refund of the proposal submission fee. However, non-conforming proposals will not be automatically rejected and will only be rejected after consultation with the IM.

For future consideration, as was indicated in Entergy Louisiana's 2019 IRP, "...ELL intends to issue a Request for Proposals ("RFP") for renewable resources no later than early 2020, which ELL anticipates would be followed by a recurring series of RFPs for renewable resources to support ongoing ELL energy needs and capitalize on the improving economics of solar and potentially other technologies relative to conventional generation resources. While the frequency and other parameters of these RFPs have not yet been determined, the strategy that ELL intends to deploy is one that systematically integrates cost-effective renewable resources over time while meeting ELL's planning objectives."

8. 05/02/2020 We of course want to express our interest in the upcoming Solar Project proposed by Entergy. We are wondering if you guys have presented any RFP in regards and if not when is the approximate time frame that

you guys may release this information? I have mixed articles I have read in regards but I figured I would ask directly. I look forward to hearing your response at your convenience.

- a. Thank you for your email. Details and periodic updates for the current RFP can be found on the RFP Website <https://spofossil.entergy.com/ENTRFP/SEND/2020ELLSOLARRFP/index.htm>. Please let us know if you have any additional questions.

9. 5/12/2020 Per section 1.10 Eligible Resources, the RFP requires that proposed project are included and remain in the 2018 or 2019 MISO DPP queue. Hecate Energy's third party independent engineering firm advises that interconnect application submitted this year for the MISO queue can hit a 12/31/2023 commercial operation date. Expanding the criteria of interconnect to projects filled this year with MISO will enable Entergy a wider variety of commercial achievable projects.

Per Section 2.2. PPA Proposals, the RFP limits proposals to project sizes between 50 MW to 100 MWac. Hecate Energy suggests increasing the size of the project sizes this RFP accepts to 250 MWac to enable larger projects with greater economies of scale that may result in projects with lower cost than would have otherwise been procured.

- a. No question is posed; therefore, no response is required. However, please reference questions 11, 12, 13, 21, & 28 in the Bidder Conference section above and 4 & 7 in the 2020 ELL Solar Q&A section above.

10. Could you please provide a Word version of Appendix B-2 Form Scope Book?

- a. Documents in the Word format typically are not provided to stakeholders absent an approved purpose. In order for ELL to consider this request in the appropriate context, please provide a short description of how the Word version of the Scope Book will be used.

11. 6/25/2020 Will you provide a .doc version so we can fill in the blanks?

- a. We would be happy to provide the Word document for that purpose. Before we send the document, will you kindly confirm that you will not use the Word version to make redline special exceptions or otherwise propose modifications to the standard terms of the Confidentiality Agreement? The general form of the Confidentiality Agreement has been utilized and accepted by bidders in several Entergy RFPs and should remain intact.

12. 6/23/2020 Is it allowed to redline the NDA or does it need to be signed as is? Will the NDA keep our confidential financial information from public domain?

- a. The standard terms of the Confidentiality Agreement (essentially everything other than the blanks) may not be modified. The RFP includes commitments that Entergy Louisiana will not disclose non-public information that a bidder has provided to it as part of the RFP. The Confidentiality Agreement would cover non-public financial information of the bidder or its affiliates disclosed to Entergy Louisiana in the RFP and would obligate Entergy Louisiana to maintain the confidentiality and limit its use of that information, subject to the terms of the Confidentiality Agreement.

13. 6/25/2020 The RFP provides any BOT proposal "must be for a sale of the entire Facility". Likewise, the RFP provides with limited exceptions "PPA transaction must be for all Contract Energy...from the Facility". The term Facility is not defined.

Generally, what shared facilities are acceptable? Specifically, are any of the following shared facilities acceptable: 1. project substation, 2. gentie, 3. breaker at the utility substation, 4. other IC Interconnection Facilities or 5. Transmission Owner Interconnection Facilities acceptable?

- a. A BOT seller may not share with any party (other than the host transmission owner) an ownership interest in or a right to use facilities on the BOT seller's side of the point of change of ownership (PCO) under the applicable generation interconnection agreement (GIA), i.e., the point where the

seller's/interconnection customer's interconnection facilities connect to the host transmission owner's interconnection facilities. A BOT seller may share facilities on the transmission owner's side of the PCO as required by the GIA. Accordingly, a BOT seller may have shared interests in the project substation, the gentie(s), breaker(s) at the utility substation, other interconnection facilities, including the transmission owner interconnection facilities, if and to the extent such interests are to assets physically located or rights on the transmission owner's side of the PCO and are required by the GIA. BOT bidders are reminded that the GIA is a contract that, under the terms of the BOT agreement, the BOT seller will be required to assign to Entergy Louisiana (as the BOT buyer) at the closing.

Entergy Louisiana (as the PPA buyer) prefers that a PPA seller not share with any party (other than the host transmission owner) an ownership interest in or a right to use facilities on the PPA seller's side of the point of the PCO. A PPA seller may share facilities on the transmission owner's side of the PCO as required by the GIA. Any shared ownership of or reservation or grant by a PPA seller of a right to use facilities on the PPA seller's side of the PCO (or similar right retained or granted by a PPA seller) will be subject to Entergy Louisiana's prior consent. If a Bidder has a question regarding a specific proposed shared facility usage, the Bidder may submit the question through PowerAdvocate during the question and answer period.

14. 6/28/2020 Do you have load data you can share?

- a. Please see Entergy Louisiana's May 2019 IRP posted here: https://www.energy-louisiana.com/userfiles/content/irp/2019/ELL_IRP_2019_public.pdf

15. 6/29/2020 Thank you , but this is the Entergy IRP, I am asking for load data for the Entergy system where they want to place the renewable assets.

- a. The IRP has the latest public projections of ELL's overall system load over time. The information is not broken down by sub-area. Will you please provide additional clarity around your request?

16. 6/30/2020 I'm inquiring about the RFP for solar. If I am clear, the deadline for proposals is the 10th of July? Also, I was unable to access the following link:

<https://spofossil.energy.com/ENTRFP/SEND/2020ELLSOLARRFP/index.htm>

- a. We apologize for the inconvenience. A few others have had this issue. Please try using a different web browser (Ex. Internet Explorer, Edge) and let us know if you still have an issue.

Bidder Registration will begin at 8:00 a.m. CPT on July 6, 2020 and will be available until 5:00 p.m. CPT on July 10, 2020.

17. 7/13/2020 We are looking for historical and/or forecasted hourly interval data for Entergy's Louisiana system, ideally broken into any important sub-areas on your system. The IRP provides annual and monthly demand (MW) and consumption (MWh) growth forecasts, however understanding the daily and hourly nature of Entergy's load profile will allow respondents to tailor solutions (in particular, BESS solutions) that provide the most value to Entergy by more closely matching generation profiles with expected load profiles.

- a. The information requested is not publicly available. Entergy Louisiana load data that is publicly available is included in Entergy Louisiana's May 2019 IRP. A copy of this IRP can be found at https://www.energy-louisiana.com/userfiles/content/irp/2019/ELL_IRP_2019_public.pdf.

18. 7/10/2020 Good afternoon, could you please send a word version of the draft PPA for the Entergy RFP?

- a. We would be happy to provide you with the Word version of the model PPA, so long as you will use it exclusively to document (in the form of redlines) your special exceptions to the model PPA. Before we

send the requested document, will you kindly confirm that your use of the model PPA in Word form will be for that sole purpose?