

## PacifiCorp 2020 All Source RFP - Questions and Answers

As of : 

Q&A ID #	Date Q&A Submitted	Website Response Posting Date	Interpreted Primary Q&A Topic	Question	PacifiCorp Response
1	3/18/2020	3/25/2020	Interconnection	Presently, a bidder at a minimum must have submitted an Interconnection request to PAC Transmission on or before January 31, 2020 in order to be eligible to participate in the RFP?	CORRECTED 07/07/2020 - That is correct for the interconnection transition cluster study and in compliance with PacifiCorp Transmission's proposed queue reform as filed with FERC on January 31, 2020. Should a different date be established and approved by FERC prior release to the RFP bid due date of August 10, 2020, PacifiCorp will comply in its RFP.
2	3/18/2020	3/25/2020	Resource Types	Just looking around your site, I was curious if we would be the right fit to bid on a project. We are in the electrical steel business and currently provide a complete list of value added electrical steel opportunities; slit coil, shunts, notching, E's and I's, toroids, DG cores, POT cores just to name a little bit of our product offering. Knowing that we work with several power companies and power company suppliers, would this bid proposal webinar potentially be fit?	This RFP is for purchase of power or the asset so it is not a good fit for your business.
3	3/18/2020	3/25/2020	Interconnection	Will PacifiCorp accept proposals that are not in its interconnection queue as of January 31, 2020? Note that these projects will be similarly situated to many projects in PacifiCorp's interconnection queue as of January 31, 2020 in that they will lack information from PacifiCorp, re: the cost, timing and impact of their interconnection. Inclusion of such projects would broaden the pool of resources available to PacifiCorp and its customers?	CORRECTED 07/07/2020 - PacifiCorp is only accepting bids in compliance with PacifiCorp Transmission's proposed queue reform as filed with FERC on January 31, 2020. Should a different date be established and approved by FERC prior release in July 2020 to the RFP bid due date of August 10, 2020, PacifiCorp will comply in its RFP.
4	3/18/2020	3/25/2020	Agreements / Contracting	Will PacifiCorp accept proposals that propose contractual structures other than PPA, BTA, and BSA structures to the extent they benefit ratepayers?	PacifiCorp has proposed to only accept the structures as outlined in its presentation at this time. Bidders bear the risk of submitting a structure outside of what is proposed and being deemed non-conforming.
5	3/18/2020	3/25/2020	Geography	Will PacifiCorp accept/evaluate proposals for projects in "load pockets" other than those shown in slide 6 of the March 18, 2020 PowerPoint presentation? Such projects may offer benefits to ratepayers that were not addressed in the IRP.	PacifiCorp provided slide 6 as a locational guideline for bidders in submitting their projects. All bids will be accepted that meet the requirements established in the RFP.
6	3/10/2020	3/25/2020	Resource Types	Are you considering floating solar on your hydropower and/or pumped storage facilities in your upcoming RFP?	We are not seeking any new resources that will be collocated on any PacifiCorp owned resources in this RFP.
7	3/18/2020	3/25/2020	Agreements / Contracting	What is a Battery Storage Agreement? How is it different from a PPA or BTA?	The battery storage agreement covers the terms and conditions of a transaction including dispatch of a battery energy storage system. The RFP includes a form of PPA that contemplates collocation of a battery energy storage system. The RFP will also include a form of term sheet for a stand-alone battery storage agreement. PacifiCorp anticipates that the terms and conditions specific to battery storage, operation and dispatch are likely to be more heavily negotiated with selected bidders.
8	3/18/2020	3/25/2020	Off-System	Please explain why BTA bids must interconnect directly with PacifiCorp's system. Why would requiring a wheel disqualify a project?	A BTA that does NOT interconnect to PacifiCorp's system places the risk of securing a firm transmission path from the resource to PacifiCorp's system on PacifiCorp and PacifiCorp is not willing to accept the risk at this time to own and operate a resource in another utility's balancing area without firm transmission secured. PacifiCorp would not have sufficient time to secure long-term firm transmission service (wheel) during Phase I selection process.
9	3/18/2020	3/25/2020	Price Score	What is the definition of Customer cost?	Customer cost is more clearly defined in Q&A ID #14.
10	3/18/2020	3/25/2020	Price Score	How is operating reserve benefit calculated in PaR for the screening model?	The PaR model will be run with and without an incremental operating reserve resource (separately for PACE and PACW). An hourly reserve price will be calculated from those results. This is analogous to the studies of locational energy value.
11	3/18/2020	3/25/2020	Price Score	Does StorageVET dispatch all resources or only storage?	The model is a separate spreadsheet model that only dispatches battery storage (and potentially other dispatchable resources) and provides a dispatch profile along with an energy and reserve value.
12	3/18/2020	3/25/2020	Interconnection	Instead of looking at interconnection costs in the final shortlist only, could upgrade interconnection costs be considered for the initial shortlist? This could help screen out any bids with interconnection costs that are so high as to make them non-competitive.	The 2020AS RFP is drafted in contemplation that PacifiCorp Transmission's interconnection queue reform proposal will be approved by the Federal Energy Regulatory Commission prior to release of the RFP to market in July 2020. Therefore, assuming PacifiCorp Transmission's queue reform proposal is timely adopted, interconnection costs are determined during Phase II of the RFP bid evaluation process, when the interconnection transition cluster study is conducted on the Initial Shortlist. In accordance with the proposed interconnection queue process, at the completion of the transition cluster study, the Initial Shortlist would update bid pricing with interconnection costs, either from the transition cluster study, their executed LGIA, or from their facility study if they executed their facility study agreement from the serial interconnection process. In the event PacifiCorp Transmission's interconnection queue reform proposal is not approved in time for the RFP's planned release in July 2020, the RFP eligibility and evaluation process will be reconsidered and revised as appropriate. For example, please see Q&A response 46 below.
13	3/18/2020	3/25/2020	Price Score	Does the screening model really output project capacity contribution? If so, how?	The capacity contribution values specific to each bid will be calculated using the same methodology used in PacifiCorp's 2019 IRP. Please refer to Volume II, Appendix N for details. The 2019 IRP uses a capacity factor approximation method (CF Method) to assign capacity contribution values to each resource based on the loss of load probability (LOLP) in each hour. Under the CF Method, a resource's expected hourly generation profile is compared against weighting factors obtained by dividing each hour's LOLP by the total LOLP over the period. The hourly LOLP values are not location specific, and reflect events across PacifiCorp's entire system. However, as a result of differences in hourly generation profiles, renewable resources in diverse locations have varying capacity contributions, even if they have the same annual capacity factor. Because the output of PacifiCorp's existing portfolio of renewable resources is reflected in the LOLP results, with lower LOLP values being more likely when their output is high. As a result, wind and solar resources that have shapes that are less correlated with the existing wind and solar assets in PacifiCorp's portfolio will have relatively higher capacity contributions.
14	3/18/2020	3/25/2020	Price Score	Why is the price score based only on capacity net costs without considering energy net costs?	The price score is based on the total net costs, including capacity and energy (and storage, if applicable). The total net costs are compared on a \$/kW basis, after application of the capacity contribution.
15	3/18/2020	3/25/2020	Geography	Would PacifiCorp consider expanding the screening stage to include 300% of interconnection capacity at a given location? Allowing more projects to be studied for the initial short list could help increase the competitiveness of the RFP and provide some assurance that although there was extremely limited time to review the screening model, the RFP process accounted for the possibility of unidentified modeling issues by casting a wider net in the screening process.	The 150% is a guideline that PacifiCorp believes is sufficient because it will be 150% by resource type by location so in aggregate for a location, it could be greater than 150% depending on number of bids and bid capacity in that location. The company also recognizes that it may need to adjust the 150% level in consultation with the IEs to ensure there is a large enough pool of bids to choose from.

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16	3/11/2020	4/17/2020	Geography	XYZ is preparing to participate in PACs forthcoming RFP. The 2019 IRP speaks to acquisition of MWs in "Southern Oregon". I'm wondering if there is a delineation of "South" in your system? Is there a geographic location which constitutes the southern portion of the OR system?	Southern Oregon topology does not distinguish any sub areas. It would generally be east of the cascades but excluding northeast Oregon. Any further questions can be directed to our 2020 all source RFP mailbox: RFPAllsource@pacificorp.com.
17	3/24/2020	4/17/2020	Geography	Can PacifiCorp please refer to me a resource which would indicate the various POIs and/or transmission facilities which would fall under the various PacifiCorp "load pockets" shown on slide 7 of the deck to be presented at tomorrow's Utah Pre-Issuance Bidders' Conference?? I'm trying to determine which load pockets our various projects would fall under. I imagine that general definitions of each of the load pockets would also suffice. I see reference to the load pockets in the IRP, but don't see more specific details that could help answer my questions.	PacifiCorp is currently working on a matrix that can be viewed in conjunction with the Location Capacity Limit map showing major substations by location "bubble". Bidders will need to determine how their project's location fits within that matrix.
18	3/25/2020	4/17/2020	Schedule	Considering stay-at-home orders and other disruptions due to the Covid-19 pandemic, it is difficult if not impossible to continue development of projects, which some are saying may extend for 18 months or more. We are concerned as well that there may be impacts to PacifiCorp's ability to administer the RFP in this environment. Is there a contingency plan or consideration of delay to the RFP because of Covid-19?	PacifiCorp has not considered delaying the RFP at this time due to Covid-19. PacifiCorp continues to monitor the situation and is following all required orders and precautions for its employees, customers and stakeholders in this and all other business processes.
19	3/25/2020	4/17/2020	Interconnection	The current RFP schedule only provides one day between PacifiCorp notifying bidders selected to Initial Shortlist (ISL) and the bidders required to notify PacifiCorp Transmission that they have satisfied the 'commercial readiness' requirements to enter the Transition Cluster. This does not appear to be a reasonable amount of time to ensure shortlisted projects are entered to the Transition Cluster and studied properly. Can that deadline be extended? Alternately, can an exception be written into the RFP that allows projects studied under the April 2021 Cluster Study to also be eligible for the RFP?	As proposed in PacifiCorp Transmission's queue reform filing at the Federal Energy Regulatory Commission, PacifiCorp's current deadline for notification by interconnection customers to participate in the October 2020 transition cluster study is October 15, 2020. PacifiCorp's RFP schedule was developed to ensure bidders selected to the initial shortlist have the ability to notify PacifiCorp Transmission on or before October 15, 2020 that they have met the commercial readiness criteria. Should the October 15, 2020 date be changed by PacifiCorp Transmission as part of the interconnection queue reform process, PacifiCorp's RFP will adjust accordingly. PacifiCorp will not accept projects studied in the April 2021 cluster study in its 2020AS RFP.
20	3/25/2020	4/17/2020	Interconnection	FERC raised the issue of a delay in the RFP impacting the Transition Cluster timing in its review of PacifiCorp Transmission's queue reform request. PacifiCorp Transmission responded that it will try to accommodate delays but will not allow the Transition Cluster Readiness Deadline to extend past October 31, 2020. In the event that the RFP ISL notification does not allow reasonable time to demonstrate commercial readiness and thus enter the Transition Cluster, will PacifiCorp allow shortlisted projects to be studied in the April 2021 Cluster Study?	Should the October 15, 2020 date be changed by PacifiCorp Transmission as part of the interconnection queue reform process to a date no later than October 31, 2020, PacifiCorp's RFP will adjust accordingly. PacifiCorp will not accept projects studied in the April 2021 cluster study in its 2020AS RFP.
21	3/25/2020	4/17/2020	Other	Similar to the wind PTC extension through 2024, it seems more likely than ever given the state of the economy that the solar ITC may be extended through 2024. The Pre-Bidders Conference presentation mentions an in-service date of December 31, 2024; does this also apply to solar projects in anticipation of an extension, or does it only apply to wind projects?	The December 31, 2024 date applies to all bids with the exception of the limited long-lead time resources such as pumped storage hydro. Bidders are expected to manage the risk and timing of utilizing any tax credits in their bid submittals.
22	3/25/2020	4/17/2020	Resource Types	Are new gas-fired resources eligible to bid into the All-Source RFP?	Yes, subject to the bid being in compliance with the requirements of the 2020AS RFP.
23	3/25/2020	4/17/2020	Agreements / Contracting	Is the proposed form of PPA available for review? Is there a form of Battery Storage Agreement available for review?	The proposed forms of PPA were filed in the draft RFP in Utah on April 9, 2020 and Oregon April 10, 2020. Final agreements are planned for release in July 2020.
24	3/25/2020	4/17/2020	BESS	Will you be providing any specifications on how PacifiCorp would like the battery to operate so evaluations can be accurate?	Yes, the RFP will have technical specifications for battery storage and some guidelines for sizing and operations.
25	3/25/2020	4/17/2020	Resource Types	I have a question on pumped storage and what pro forma agreement such as a capacity contract/tolling arrangement we should be reviewing for non-price scoring around contract performance given unique nature of resource type, but some clarity here would be greatly appreciated.	The form of agreement for a pumped storage project will be highly negotiated, and therefore a form of agreement is not planned for issuance in the RFP. Bidders for pumped storage hydro projects should provide sufficient information that allows the company to evaluate the economic and commercial merits of the proposal consistent with the requirements of the RFP. Bidders for pumped storage projects should submit a proposed term sheet with their proposals and are not required to mark-up or comment on the forms of agreement included in the RFP.
26	3/25/2020	4/17/2020	Geography	A solar project we are developing will deliver the power to Four Corners substation in northwestern NM, and will interconnect to a PNM substation/transmission line in NM. Will this project be considered N. Utah bubble project for PacifiCorp 2020 RFP? What would be the minimum requirement for a project like this (that connects to a non-PAC transmission system)? Would evidence of an interconnection application with PNM, site control, and COD by Dec 2024 be sufficient?	Four Corner's substation is not part of PacifiCorp's system. Bidders will need to secure firm point-to-point transmission to PacifiCorp's system. PacifiCorp's 2020AS RFP is accepting new resources, proposed under a PPA transaction, capable of interconnecting with a third-party transmission system and using third-party firm transmission service to deliver to PacifiCorp's transmission system. The minimum eligibility requirements for off-system bidders include an unredacted interconnection system impact study with the third party transmission provider and documentation of the availability of, and request for, long-term, firm third-party transmission service from the resource's point of interconnection with the third party's system to a point of delivery on PacifiCorp's system that is acceptable to PacifiCorp, achievable by December 31, 2024.
27	3/25/2020	4/17/2020	Interconnection	What is the likelihood of extension of the deadline date of January 31, 2020, for having an accepted interconnection request.	PacifiCorp Transmission has not proposed to extend the January 31st date proposed in its queue reform filing with the Federal Energy Regulatory Commission. PacifiCorp Transmission is awaiting a decision by the Federal Energy Regulatory Commission on its proposal.
28	3/25/2020	4/17/2020	Interconnection	Regarding the PacifiCorp all source RFP currently being drafted, will applications for projects outside of PacifiCorp's interconnection system be accepted? For instance, if a project was already undergoing the interconnection process with a different entity, could said project bid into this RFP? If so, what specifically would be required regarding transmission if an applicant's project is outside PacifiCorp's system, and what would the deadlines be on these requirements?	PacifiCorp's 2020AS RFP is accepting new resources, proposed under a PPA transaction, capable of interconnecting with a third-party transmission system and using third-party firm transmission service to deliver to PacifiCorp's transmission system. The minimum eligibility requirements for off-system bidders include an unredacted interconnection system impact study with the third party transmission provider and documentation of the availability of, and request for, long-term, firm third-party transmission service from the resource's point of interconnection with the third party's system to a point of delivery on PacifiCorp's system that is acceptable to PacifiCorp, achievable by December 31, 2024.
29	3/26/2020	4/17/2020	Agreements / Contracting	Will the bid commitment structure follow the 2017RFP process where a commitment letter is required within 20 days of the initial short list selection, and bid security is required to be posted in favor of PacifiCorp within 5 days of PPA/BTA execution at a value of \$200/kW?	Yes, as currently proposed.
30	3/26/2020	4/17/2020	Agreements / Contracting	Will the bid commitment structure follow the 2017RFP process where a commitment letter is required within 20 days of the initial short list selection, and bid security is required to be posted in favor of PacifiCorp within 5 days of PPA/BTA execution at a value of \$200/kW?	This seems to be the same questions as above.
31	3/26/2020	4/17/2020	Other	Is there a bid penalty for withdrawing the bid submission at any time prior to final short list selection?	There is no penalty at the current time however your bid fee will not be returned.
32	3/26/2020	4/17/2020	Other	Does PacifiCorp anticipate change of control provisions that are consistent with the 2017RFP process? Can PacifiCorp specifically highlight restrictions that will be in place during the shortlist, development, construction and operating phases of proponent projects?	We expect that those provisions will be consistent with the 2017R RFP however they will continue to be reviewed during the draft RFP regulatory process.

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33	3/26/2020	4/17/2020	Agreements / Contracting	Are there material changes to the 2017RFP process or PPA that PacifiCorp can highlight for proponents?	While the forms of PPA are substantially similar to the forms included in prior RFPs, the forms of PPA have been updated both for substance and clarity. Terms have also been modified to reflect experience learned in recent PPA negotiations. We will also have a form of PPA that contemplates inclusion of batteries, which we haven't included in prior RFPs.
34	3/26/2020	4/17/2020	Agreements / Contracting	When will Gateway South (GWS) construction commence and be completed? When will this schedule be formally issued? Will the form of PPA contain adequate compensation for successful proponents, if the GWS is delayed or is not completed/cancelled?	The 2019 IRP projects a commercial operation date for Gateway South of 2023. The specifics of the construction schedule will depend on when PacifiCorp receives the necessary regulatory approvals. The forms of PPA will not include provisions specific to completion of GWS or any other transmission component associated with delivery of a proposed resource.
35	3/26/2020	4/17/2020	Other	Per the 2019 IRP, GWS is slated for an in-service date of December 2023. If an eastern WY project is ready for early construction and a COD by Dec 31, 2023 (1 year prior to the RFP COD of Dec 31, 2024), will the PPA offer the flexibility to achieve an early COD? Will PacifiCorp Transmission be ready and available to offer an early interconnection date? This is desirable to mitigate the schedule risk of the 2024 60% PTC cliff and the short construction seasonality of eastern WY.	PacifiCorp will accept a project with a COD prior to December 31, 2024. Whether an interconnection service commercial operation date can be accelerated will depend heavily on whether the commercial operation dates of all of the contingent facilities and network upgrades required to provide the interconnection service have also been accelerated. Interconnection customers are always welcome to speak to PacifiCorp Transmission about the requirements of and specific circumstances associated with their interconnection agreement.
36	3/26/2020	4/17/2020	Interconnection	In the PacifiCorp queue reform FERC filing, Mr. Rick Vail's testimony dated January 31, 2020, stated that 1130MW of projects have signed interconnection agreements that are contingent upon GWS. As per FERC filing, these projects can continue proceeding forward under the existing serialized queue system. Firstly, does this mean that 1130MW of the 1920MW of capacity along GWS is pre-reserved regardless of project competitiveness in the 2020AS RFP? Please describe how projects with an executed interconnection agreement will be evaluated for the initial short-list selection? Please also clarify how a project without an executed LGIA would be considered more competitive than a project with an executed LGIA considering allocation of Network Upgrade direct and indirect costs. Secondly, does this imply that the remaining projects without an executed interconnection agreement in the eastern WY region are competing for the remaining 790MW of capacity and only the projects selected will enter into the GWS region transitional cluster study?	The initial shortlist is selected without regard to interconnection status (including whether a bidder has an executed interconnection agreement) or interconnection costs, with the caveat that the bid must have an accepted interconnection application as of January 31, 2020 per PacifiCorp Transmission's filed interconnection queue reform application. This means ALL bids, including those with executed LGIAs, must be competitive compared with all other bids in order to be selected to the initial shortlist. All bids that are selected to the initial shortlist will be notified of their selection, which meets the commercial readiness requirement to participate in the transition cluster study for those without late-stage interconnection studies or executed contracts. Bidders are responsible to notify PacifiCorp Transmission of their intent to participate in the transition cluster study. There will be no bias between a bid with an executed LGIA or one without. Both will have their interconnection costs determined at the end of the cluster study process, either those contained in their retained executed LGIA or those assigned via the transition cluster study.
37	3/26/2020	4/17/2020	Interconnection	If a GWS contingent project with an executed interconnection does not participate in the 2020AS RFP, is the initial short list capacity in the eastern WY region reduced down from 1920MW to the equivalent MW of the non-RFP participating project with an executed LGIA? For example, if Project A has an executed interconnection agreement for 200MW and is a GWS contingent project, does the volume of the initial short-listed projects reduced from 1920MW to 1720MW?	Yes, assuming no other changes, such as queue position withdrawal or executed contract termination.
38	3/26/2020	4/17/2020	Geography	Can PacifiCorp please elaborate why the initial short-listed capacity within the eastern WY region is capped at 1920 MW vs the 1.5x multiplier that applies to other regions? If the eastern WY capacity is limited to 1920MW, how will PacifiCorp address potential attrition of short-listed projects due to failed commercial negotiations or via a project fatal flaw analysis? As currently contemplated, project attrition may result in underutilized GWS capacity.	Please see Mr. Rick Vail's testimony dated January 31, 2020 in the PacifiCorp Transmission interconnection queue reform filing at FERC which covers the eastern Wyoming capacity limit – a limit that has been extensively studied as a result of it having been part of PacifiCorp's long-term transmission plan since approximately 2008. In addition, a review of PacifiCorp Transmission's posted interconnection queue on OASIS shows the number of resources in eastern Wyoming that could be eligible to be considered in the transition cluster study in that area. Other areas of the system are not similarly situated to the eastern Wyoming area insofar as their potential interconnection limitations and capabilities are based on the IRP's high-level estimates that do not take into account the existing interconnection queue and/or executed interconnection agreements, and that need additional studying. If FERC approves PacifiCorp transmission's queue reform filing, additional study work will occur in the proposed transitional cluster study slated for October 2020, and the makeup of the existing interconnection queue and executed agreements will be more certain.
39	3/26/2020	4/17/2020	Interconnection	How will PacifiCorp treat/evaluate a project in the GWS region that have signed Interconnection Agreements but are not on the shortlist and therefore not part of the Cluster Study? And how long will interconnection/transmission capacity continue to be reserved for such projects?	PacifiCorp's RFP team will only evaluate projects that submit bids. PacifiCorp transmission will provide interconnection service in accordance with the terms of its executed interconnection agreements, including by setting aside Gateway South interconnection capacity in the Gateway South cluster study for any interconnection customer with a Gateway South-dependent executed agreement or late-stage interconnection study. With respect to how long the capacity will continue to be reserved for projects with executed interconnection agreements, the agreements allow, consistent with regulatory requirements, interconnection customers to delay their commercial operation dates by suspending service for up to three years. As noted above, however, PacifiCorp will not enter into a commercial arrangement with a resource during the upcoming 2020 RFP (or at any point in the future) simply because that resource has an executed interconnection contract. ALL bids must be competitive when compared with all other bids.
40	3/26/2020	4/17/2020	Interconnection	In the queue reform filing, it is suggested that projects with executed interconnection agreements can elect to either continue with serialized interconnection project or opt into the transitional cluster study. Can PacifiCorp please elaborate on the advantages / disadvantages of either approach? Secondly, if a project has an executed interconnection agreement and is selected in the initial short list, does the transitional cluster study fee of \$250,000 for projects greater than 200MW apply? This question assumes the preceding question is inaccurate and all projects regardless of interconnection status enter the transitional cluster study.	Based on the proposal contained in the queue reform filing, PacifiCorp transmission disagrees that the option described in your question is available to customers with executed interconnection agreements. It is, however, available for "late stage" pending interconnection requests – i.e., an Interconnection Customer that, as of April 1, 2020, is "at or beyond the point in the interconnection process when it has been tendered a Facilities Study Agreement but has not executed an LGIA or, as applicable, SGIA." Any interconnection customer in this position is welcome to reach out to PacifiCorp transmission to discuss its potential options.
41	3/26/2020	4/17/2020	Interconnection	Considering GWS was originally conceived as a PacifiCorp Transmission lead project where the costs were to be rate based and that executed interconnection agreements state the associated Network Upgrade costs associated with the interconnection (& exclude GWS costs), can PacifiCorp please confirm that GWS costs will in fact be rate based and will not be allocated to the GWS region transitional cluster study projects (ie the remaining 790MW)?	Yes.

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42	3/26/2020	4/17/2020	Geography	Considering the rich wind resource area of eastern WY and the low cost of levelized power from the region, would PacifiCorp consider doubling the GWS capacity and twin the GWS conductors? Any incremental Network Upgrade costs of twinning the GWS lines could then be allocated to the transitional cluster study projects associated with the second set of lines, or rate based as PacifiCorp sees fit.	Gateway South as a single circuit, 500 kV line has been in PacifiCorp's long-term transmission plan since approximately 2008, and it has no current plan to convert it to a double circuit line. That said, the transition cluster study and each subsequent prospective cluster study will identify any necessary network upgrades to provide interconnection service to the set of interconnection requests received for that cluster. PacifiCorp Transmission cannot speculate on the potential results, but acknowledges that there is a possibility that cluster study results in either the transition cluster or a future cluster may identify additional network upgrades beyond the current scope of Gateway South as being necessary to interconnect future incremental resources in eastern Wyoming.
43	3/26/2020	4/17/2020	Interconnection	It was stated on the March 18th RFP call, that the RFP bid submission must align with the interconnection applications. What does alignment imply? We are assuming this include the total project size in MW, interconnection voltage, point of interconnection location, NRI/ERI request, and site control land. Please confirm if this list fulfills the intent of this statement, and if there are any items beyond this list that are required to comply? Other items may include turbine technology selection & quantity, substation configuration, etc.	Generally, the list offered in this question covers the components PacifiCorp expects to be reviewing for consistency between the bid and interconnection documents. PacifiCorp would also look at the resource technology, particularly bids considering battery storage co-located with the resource. The purpose of this consistency check is to identify differences early in the bid evaluation process and assess whether those differences might trigger a rejection at the transition cluster study phase for failure to satisfy the commercial readiness criteria proposed in PacifiCorp transmission's queue reform filing. While PacifiCorp's RFP team will do its best to identify inconsistencies between the bid for a project and the interconnection documentation for a project, it is ultimately the responsibility of the bidder, not of PacifiCorp, to ensure consistency across all aspects of those materials – even aspects not specifically listed in this question or in this response. Ultimately, even if PacifiCorp's RFP team does not identify an inconsistency (or identifies an inconsistency but estimates that the inconsistency is unlikely to impact the bidder's ability to satisfy the commercial readiness requirements), that does not mean PacifiCorp transmission will agree with that determination. And PacifiCorp transmission alone will make the ultimate decision on whether an interconnection customer provides commercial readiness consistent with PacifiCorp transmission's proposed tariff requirements so it can be included in the transition cluster study. Any interconnection customer is welcome to reach out to PacifiCorp transmission to discuss this issue as applied to its specific interconnection requirements and documentation.
44	3/30/2020	4/17/2020	BESS	Would Rocky Mountain Power be interested in DC couple batteries? DC couple batteries have advantages in that they can capture clipped energy and they store energy more efficiently from the PV system as there are less losses. It is slightly more difficult to treat the battery and PV system as distinct resources.	PacifiCorp will accept conforming proposals for DC-coupled battery storage systems.
45	3/30/2020	4/17/2020	BESS	Is it RMP's preference that the battery and the PV system have their own interconnection capacity? Or in other words, would RMP expect the battery and PV system to export at full capacity at the same time. Or, is it acceptable that the PV system and the battery storage system share interconnection capacity?	PacifiCorp will review the total interconnection capacity of a bid proposal. Bidders should contact PacifiCorp Transmission to discuss interconnection requirements for batteries collocated with a solar resource to determine if a material modification of the interconnection request is necessary.
46	3/30/2020	4/17/2020	Interconnection	At the Ulah Bidders conference, PacifiCorp noted that if FERC doesn't accept queue reform by the time the RFP is approved for issuance in July, it would change minimum requirements and bidders would not have to provide any other readiness evidence other than accepted interconnection request by Pac transmission. Can you clarify or outline what the minimum requirements and readiness criteria would be? Does this mean that the January 31, 2020 deadline would become irrelevant and any project with an accepted interconnection request that was/is accepted between now and July would qualify for the RFP?	If FERC does not approve PacifiCorp Transmission's interconnection queue reform application prior to the expected RFP release in early July, the January 31, 2020 deadline would be irrelevant and just having an accepted interconnection request would not be acceptable. PacifiCorp would require bidders to provide at bid submittal in August 2020, the minimum of an unredacted system impact study for the project showing costs and timing for direct interconnection and network upgrades associated with the interconnection.
47	3/31/2020	4/17/2020	Interconnection	I have a question for one of my clients around the interconnection request requirement. Is PacifiCorp willing to waive the requirement a project having an interconnection request filed by January 31st of this year in order to be a viable project?	CORRECTED 07/07/2020 - No. The interconnection application request must be accepted by PacifiCorp Transmission before January 31, 2020 in order to be included in the transition cluster study in October 2020, as proposed in PacifiCorp Transmission's interconnection queue reform filing pending at the Federal Energy Regulatory Commission. Should that date as part of PacifiCorp Transmission's interconnection queue reform be modified before the RFP bid due date of August 10, 2020, release of the 2020AS RFP in July 2020, PacifiCorp will modify its RFP accordingly.
48	3/31/2020	4/17/2020	Resource Types	Please see PacifiCorp's Oregon IE RFP at page 4. Please explain the basis for not allowing existing operating facilities to bid consistent with an "all-source" RFP.	CORRECTED 07/02/2020 - Please see response to Q&A ID# 115. <del>The all-source RFP is seeking incremental new resources consistent with PacifiCorp's 2019 IRP.</del>
49	3/31/2020	4/17/2020	Resource Types	Please see PacifiCorp PacifiCorp's Oregon IE RFP Attachment C at 2 in which PacifiCorp states it will not accommodate build-transfer transactions that involve the ultimate transfer of a project company to PacifiCorp. What kind of build transfer transactions will PacifiCorp accommodate, if not for project companies? Please list and describe in detail.	This RFP is for purchase of power or the asset, and not for the purchase of a development asset or a project company.
50	3/31/2020	4/17/2020	BESS	Please see PacifiCorp PacifiCorp's Oregon IE RFP Attachment C at 2. What terms and conditions will the separate BESS agreement contain?	The battery storage agreement (BSA) will be a termsheet with the major terms and conditions of a transaction including among others operating and dispatch protocol, price, performance measures, defaults and damages. PacifiCorp expects that the final agreement would be a highly negotiated agreement between PacifiCorp and the bidder.
51	3/31/2020	4/17/2020	BESS	Please see PacifiCorp PacifiCorp's Oregon IE RFP Attachment C at 2. For a separate BESS agreement, how are the terms for payments structured, especially with respect to capacity or availability?	The payment terms would be dependent on the actual bid however PacifiCorp anticipates that the BSA would have a capacity payment that reflects the dispatch rights and conditions. PacifiCorp expects that the final agreement would be a highly negotiated agreement between PacifiCorp and the bidder.
52	3/31/2020	4/17/2020	Resource Types	Please see PacifiCorp PacifiCorp's Oregon IE RFP Attachment C at 3. Please provide a list of the specific utility property and right-of-way easements that PacifiCorp will make available to bidders.	The paragraph containing this wording was a drafting error and will be removed.
53	3/31/2020	4/17/2020	Interconnection	Please see PacifiCorp PacifiCorp's Oregon IE RFP Attachment C at 4. Please confirm that PacifiCorp Transmission is not actively studying new interconnection requests. If that is true, please explain why new interconnection requests need to be submitted by January 31 to be eligible to bid? Please consider the following related to the foregoing Question #6 and provide us with your response: Would you consider a later cutoff date, closer to the time when the interconnection study request will need to align with the bid review process, such as April 15, 2020, or even August 15, 2020? Your requirements for commercial readiness should reduce the potential study requests to a manageable number and size for completion of the necessary modeling of bids.	CORRECTED 07/07/2020 - PacifiCorp merchant cannot speak for PacifiCorp Transmission's current status on interconnection requests. PacifiCorp merchant is intending to align its RFP process with PacifiCorp Transmission's proposed interconnection queue reform process filed with the Federal Energy Regulatory Commission, including their cut-off date for interconnection requests eligible for the transition cluster study. Should the January 31, 2020 date proposed in PacifiCorp Transmission's interconnection queue reform proposal change prior to the RFP bid due date of August 10, 2020, release of the RFP, PacifiCorp will modify its RFP accordingly.
54	3/31/2020	4/17/2020	Interconnection	Please identify what transmission costs should be included in bids.	PacifiCorp is not requiring interconnection costs in bid submittals. However, there are interconnection minimum requirements demonstrating status of interconnection requests as well as third party interconnection and transmission service status documentation.

## PacifiCorp 2020 All Source RFP - Questions and Answers

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Q&A ID #	Date Q&A Submitted	Website Response Posting Date	Interpreted Primary Q&A Topic	Question	PacifiCorp Response
55	3/31/2020	4/17/2020	BESS	Please see PacifiCorp PacifiCorp's Oregon IE RFP Attachment C, at note 25. Please explain why BESS capacity is limited to 25% of the nameplate capacity of co-located generation facilities. Please provide any studies which confirm the purpose of this limitation on BESS capacity for each project.	The 25% capacity is a minimum capacity requirement consistent with the 2019 IRP. PacifiCorp's RFP will have the 25% minimum but allow larger battery storage capacities.
56	3/31/2020	4/17/2020	BESS	Please explain what limits, if any, apply to BESS capacity for stand-alone storage projects.	There are no MW limits for standalone battery storage bids other than meeting any bidding requirements in the RFP.
57	3/31/2020	4/17/2020	Geography	Please explain what "accounting for the costs and benefits of each bid, and the cost and benefits of the Energy Gateway South transmission line" means in the following sentence: "Consistent with the 2019 IRP, PacifiCorp's model will be configured such that it can choose to select bids in eastern Wyoming recognizing that those selections would require the addition of Energy Gateway South while accounting for the cost and benefits of each individual bid, and the cost and benefits of the Energy Gateway South transmission line that is necessary to enable the interconnection of those bids."	Each bid will have associated costs as well as credits, such as an operating reserve credit. The optimal usage of Energy Gateway South may allow non-bid resources to avoid curtailments during some hours. In addition to bid costs, these types of offsetting benefits are simultaneously considered in the model's evaluation of which bids generate the greatest system benefits.
58	3/31/2020	4/17/2020	Price Score	Please see PacifiCorp PacifiCorp's Oregon IE RFP Attachment C at 5. Please provide examples of how marginal system energy value and marginal operating reserve value will be calculated by the PAR modeling for all the resource types eligible to bid.	The PAR model is both licensed and proprietary. A detailed workbook or work paper that represents this calculation from PAR is unavailable. The reference in the Oregon IE RFP presentation was meant to describe the optimization that will be performed by PAR, and how the results will be translated into a \$/kW-YR.
59	3/31/2020	4/17/2020	Other	Please see PacifiCorp PacifiCorp's Oregon IE RFP Attachment C at 6. Please explain what resource performance data will be required to bid.	The 2020AS RFP spells out the energy performance requirements by resource type. This is generally a third-party report provided by the bidder substantiating the resource's performance over the term of the proposed agreement.
60	3/31/2020	4/17/2020	Schedule	Please describe in detail any material modification analysis and parameters you will apply to any variation in size and project specifics, between an interconnection study request in the queue as of January 31, 2020, April 15, 2020, and August 15, 2020 (as example dates), as compared to the size and terms of the bid submitted into the RFP.	PacifiCorp will review each submitted bid to confirm that the proposed resource capacity and other metrics such as location, point of interconnection, and resource type are consistent with its interconnection materials. Any "material modification analysis" associated with an interconnection submittal should be discussed with PacifiCorp Transmission.
61	4/1/2020	4/17/2020	Off-System	During the pre-issuance bidder's conference, it was mentioned that off-system projects would need to meet two conditions: 1) In-Service Date of 12/2024, 2) Proof of Transmission Service Availability. Regarding the second point, what are the specific criteria to show the project has available transfer capacity to deliver to PAC's system and be considered as a conforming bid?	The requirements for an off-system resource are as follows: The minimum eligibility requirements for off-system bidders include an unredacted interconnection system impact study with the third party transmission provider and documentation of the availability of, and request for, long-term, firm third-party transmission service from the resource's point of interconnection with the third party's system to a point of delivery on PacifiCorp's system that is acceptable to PacifiCorp, achievable by December 31, 2024. Transmission service documentation to PacifiCorp's system is two-fold: firm capacity is available on third-party transmission provider and bidder has made a request to the third-party transmission provider to acquire firm point-to-point transmission service to PacifiCorp's system.
62	4/1/2020	4/17/2020	Interconnection	We note that the January 31, 2020 proposed interconnection deadline is 6 months prior to the release of the issuance of the RFP proposed to occur on July 6, 2020. This deadline preceded the March 25, 2020 Pre-issuance Bidder's Conference associated with the opportunity. Will a bid be considered conforming despite not having an interconnection application submitted prior to the proposed January 31, 2020 deadline for the transition cluster study?	CORRECTED 07/07/2020 - No. In compliance with PacifiCorp Transmission's proposed queue reform as filed with FERC on January 31, 2020, the interconnection application request must be accepted by PacifiCorp Transmission as of January 31, 2020 in order to be included in the transition cluster study in October 2020. Should that date as part of PacifiCorp Transmission's interconnection queue reform be modified before the RFP bid due date of August 10, 2020, release of the 2020AS RFP in July 2020, PacifiCorp will modify its RFP to reflect that.
63	4/1/2020	4/17/2020	Resource Types	Bids from pumped storage hydro and nuclear resources, technologies requiring greater lead times, will be accepted if their scheduled completion is beyond December 31, 2024. Other technologies, like compressed air energy storage (CAES) also require greater lead times. To avoid potentially excluding CAES from the RFP, will PacifiCorp grant this resource a commercial deadline beyond December 31, 2024?	Presently, PacifiCorp's 2020AS RFP assumes PacifiCorp Transmission's proposed interconnection queue reforms filed with the Federal Energy Regulatory Commission will be approved before the release of the RFP to the market in July. Under PacifiCorp Transmission's proposed interconnection queue reform proposal, projects that haven't submitted an interconnection request by January 31, 2020 are deemed ineligible for participation in the transitional cluster study. Accordingly, after January 31, 2020, PacifiCorp reviewed PacifiCorp Transmission's public OASIS application queue and only identified long lead time pumped storage and nuclear resource interconnection applications. No CAES projects were identified. Should that date as part of PacifiCorp Transmission's interconnection queue reform be modified before the release of the 2020AS RFP in July 2020, PacifiCorp will modify its RFP accordingly and reconsider the eligibility of CAES projects.
64	4/1/2020	4/17/2020	Resource Types	Can resources with commercial deadlines beyond December 31, 2024 (specifically pumped hydro, nuclear and CAES) receive an extended interconnection deadline (from the proposed January 31, 2020) to reflect the longer lead time these technologies require? For example, we would respectfully suggest establishing the interconnection requirement with the date of the RFP release or the date that the bids are due.	CORRECTED 07/07/2020 - Presently, PacifiCorp's 2020AS RFP assumes PacifiCorp Transmission's proposed interconnection queue reforms filed with the Federal Energy Regulatory Commission will be approved before the release of the RFP to the market in July. Under PacifiCorp Transmission's proposed interconnection queue reform proposal, projects that haven't submitted an interconnection request by January 31, 2020 are deemed ineligible for participation in the transitional cluster study. Accordingly, after January 31, 2020, PacifiCorp reviewed PacifiCorp Transmission's public OASIS application queue and only identified long lead time pumped storage and nuclear resource interconnection applications. Should that date as part of PacifiCorp Transmission's interconnection queue reform be modified before the RFP bid due date of August 10, 2020, release of the 2020AS RFP in July 2020, PacifiCorp will modify its RFP accordingly.
65	4/1/2020	4/17/2020	Interconnection	In the event that the FERC ruling on the proposed tariff is delayed, will the January 31, 2020 deadline for an interconnection application be a condition required for bid conformance in the 2020AS RFP? Would PacifiCorp consider extending the date of this requirement? Again, we would respectfully suggest an alternative later date for the purposes of compliance with the RFP. We note that the webinar presentation states "RFP eligibility requirements or evaluation criteria will be revised as necessary to align with the final version of interconnection queue reform as approved by FERC before the RFP is issued to the market. If not approved by the time the RFP is approved for issuance, the RFP will be revised to be consistent with the current interconnection queue process as described in PacifiCorp Transmission's OATT."	Specific to interconnection queue reform, PacifiCorp will align its RFP schedule and milestones with a final FERC order. If FERC does not approve the interconnection queue reform application prior to the expected RFP release, the January 31, 2020 deadline would be irrelevant and just having an accepted interconnection request would not be acceptable. In that circumstance, PacifiCorp would require bidders to provide at bid submittal in August 2020, the minimum of an unredacted system impact study for the project showing costs and timing for direct interconnection and network upgrades associated with the interconnection.

## PacifiCorp 2020 All Source RFP - Questions and Answers

As of : July 30, 2020

Q&A ID #	Date Q&A Submitted	Website Response Posting Date	Interpreted Primary Q&A Topic	Question	PacifiCorp Response
66	4/1/2020	4/17/2020	Interconnection	Would PacifiCorp be open to a process where bidders accept the risk associated with the final interconnection costs associated with their bids into the RFP (i.e. they haven't submitted by January 31, 2020 and are not in the transitional cluster)? We note that the Phase I process will not have clarity as to the interconnection costs anyways (therefore bidders may be short-listed on the basis of incomplete information and the transmission costs will not be known until Phase III bidding in April of 2021 as we understand it).	No. The RFP is to proceed in compliance with PacifiCorp Transmission's interconnection study process at the time of the RFP is issued. As currently proposed, the RFP is modeled assuming PacifiCorp Transmission's proposed interconnection queue reform proposals are adopted by the Federal Energy Regulatory Commission. As such, the RFP states that bidders are required to provide PacifiCorp evidence that they have an accepted interconnection request submitted with PacifiCorp Transmission by January 31, 2020.
67	4/1/2020	4/17/2020	Price Score	With reference to the Non-Price Scoring matrix's Project Readiness and Deliverability Criteria, could you please confirm that standalone energy projects that do not qualify for Federal Tax Credits will not be penalized for failing to provide documentation related to tax credit eligibility such as the "documentation of safe harbor equipment"?	To the extent any bidder is confirming no claim(s) or assumption(s) of any federal tax credits in association with their bid, such bid will not be penalized in this section of Non-Price Scoring.
68	4/1/2020	4/17/2020	Resource Types	Will PacifiCorp consider non-conforming bids that may be superior in terms of providing system and ratepayer value?	If proposals do not comply with the RFP requirements and is deemed non-conforming, PacifiCorp in consultation with the IE, reserves the option to eliminate such proposal from further evaluation in the RFP.
69	4/7/2020	4/17/2020	Other	I would like to understand if there is the potential that PacifiCorp could divide the 2020 All Source RFP into separate jurisdictional (state) RFPs, subject to their own set of bidders rules? For example, if the Oregon PUC required certain conditions of the RFP, would these be applied through the entire RFP, or be specific to energy procured in the state of Oregon?	This proposed approach is not being considered. The 2020 all source RFP is intended to comply with commission rules from each of our states.
70	4/8/2020	4/17/2020	Resource Types	From the web meeting a few weeks ago, wanted to ensure that legacy projects are included in this rfp. Are existing projects allowed to bid or is this all new construction?	<del>CORRECTED 07/02/2020 - Please see response to Q&amp;A ID# 115. PacifiCorp will not accept bids in the 2020AS RFP from existing operating facilities.</del>
71	4/9/2020	4/17/2020	Interconnection	I wanted to follow up regarding the requirement that all projects participating in PacifiCorp's 2020 All-Source RFP are required to have filed an interconnection request by Jan 31. As PacifiCorp moves to respond to FERC's Deficiency Letter, we wanted to ask whether PacifiCorp would be willing to remove the Jan 31 deadline and/or replace it with a later date -- for example, the date the final RFP is issued would make sense. We believe PacifiCorp's overall approach to queue reform is sound. We are just asking that the cutoff deadline for projects that can participate in the RFP and transition cluster study be moved forward and/or eliminated.	PacifiCorp's RFP has been drafted to align with milestone dates established by PacifiCorp Transmission in their application which is pending FERC approval. Should milestone dates change as a result of an order from FERC prior to release of the RFP to market, PacifiCorp will make adjustments in its RFP reflecting the change. Should interconnection queue reform not be approved by FERC prior to release of the RFP, PacifiCorp's RFP will be modified to reflect a serial queue interconnection process as provided in PacifiCorp Transmission's OATT.
72	4/9/2020	4/17/2020	Interconnection	Assuming that a project can satisfy any requirements that the RFP will have with respect to the date on which the project entered PacifiCorp's interconnection queue, will PacifiCorp be accepting proposals from projects that are in the interconnection queue as a qualifying facility?	Yes. Projects certified or self-certified as qualifying facilities (QFs) under the Public Utility Regulatory Policies Act are eligible to bid in the RFP, subject to all requirements of the RFP. However, any QF project that intends to sell power to the utility under the "must purchase" provisions of PURPA (and implementing state laws), should not bid in this RFP and should comply with the applicable requirements of applicable state law and the company's implementing QF schedules.
73	4/13/2020	4/17/2020	Schedule	I have yet to be able to access the draft RFP. Is it available?	A draft was filed in Utah docket 20-035-05, and posted on commission website on April 9th. A draft was posted in Oregon UM 2059 docket on April 10th.
74	4/13/2020	4/17/2020	Contracting	In draft RFP statement and referring to pump storage hydro (PSH), "Due to the unique operating characteristics of a PSH, PacifiCorp has not included a pro-forma PSH agreement, rather the PSH will be an individually negotiated agreement." Question - Without a pro-formal agreement that we would prefer to see, at least a shell of/high-level framework, any clarity on what we should be bidding in as it relates to a tolling agreement?	The form of agreement for a pumped storage project will be highly negotiated, and therefore a form of agreement is not planned for issuance in the RFP. Bidders for pumped storage hydro projects should provide sufficient information that allows the company to evaluate the economic and commercial merits of the proposal consistent with the requirements of the RFP. Bidders for pumped storage projects should submit a proposed term sheet with their proposals and are not required to mark-up or comment on the forms of agreement included in the RFP.
75	4/13/2020	4/27/2020	Interconnection	Can you confirm that the interconnection cluster study to be performed by PacTrans for the projects making the initial shortlist will assume that each project is declared a network resource (i.e., rather than an energy-only resource)? I am trying to confirm that PacifiCorp will be evaluating the full deliverable interconnection cost of each shortlisted project.	PacifiCorp transmission will study each generator interconnection consistent with the details of the generator's interconnection request.
76	4/13/2020	4/27/2020	Geography	Based on my read of the draft RFP filed with the Utah PSC: 1. Each project will receive a relative price score (0 to 75) based on its bid costs net of the associated system-value as determined by the PaR model. (Page 27 of RFP, second and third paragraphs), 2. The price score will be added to the non-price score (0 to 25) to arrive at a total score (0 to 100). PacifiCorp will use the combined score to rank bids (page 28 of draft RFP, paragraph immediately below table), 3. "PacifiCorp will identify an initial pool of resources by location and resource type based on the total bid score .... This initial pool of resources will be made available as resource alternatives for IRP modeling". (page 28 of draft RFP, paragraph immediately below table), and 4. "Upon identification of the initial pool of bids, bid inputs will be submitted to the IRP team for modeling of the resources using the production cost models used in the 2019 IRP. The production cost models will select the optimized portfolio of resources subject to the same total capacity limits used to score and rank bids in the initial pool of resources. As noted above, PacifiCorp will limit the capacity in a given location to 150% of the capacity included in the Company's 2019 IRP preferred portfolio." (page 28 of draft RFP, first paragraph of Section 3). My question are: 1. How many bids/how much capacity will be included in the "initial pool of resources" (3 above) subject to the production cost model used in the 2019 IRP (4 above)? Presumably the capacity of the initial pool of resources must exceed 150% of the capacity included in the company's 2019 IRP preferred portfolio. 2. Will the total price + non-price score (2 above) be used in the production cost model described in step 4 above? Or are those scores only used to determine the "initial pool of resources" and then subsequently disregarded?	The initial pool of resources by location and resource type will be a function of the eligible bids received at each location. At each location, the screening model will review and evaluate every bid submitted, and calculate a price score to which the non-price score will be added. The top bids representing 150% of the locational maximum generation by resource type will be submitted to PacifiCorp's Integrated Resource Planning for modeling to determine the initial short list. The initial short list will be limited to ~150% of the stated location maximum generation, without regard to generation type. Therefore, the price and non-price scoring process is unique to the screening stage of this process.
77	4/14/2020	4/27/2020	Agreements / Contracting	What is the required credit support/security for pumped storage? It isn't abundantly clear reading Appendix D?	Please see page 3 and 4 of Appendix D. For a PPA, development security is \$200/kW through COD then dropping to \$100/kW for term. For a BTA, development security is \$200/kW up to COD/closing. The RFP speaks in terms of December 31, 2024 as it is the default COD. For pump storage, it will be the COD as determined by the developer.
78	4/14/2020	4/27/2020	Agreements / Contracting	On Equipment Supply Matrix (attached), do you want us to create a tab for hydro or is this something PAC can provide as a template?	The forms and appendices in the draft 2020 all-source RFP do not cover all resource types. Bidders should fill-in as much of the Equipment Supply Matrix as possible and add additional rows or a new tab to provide any other equipment information pertaining to the specific resource type being submitted.
79	4/15/2020	4/27/2020	Agreements / Contracting	May wind projects propose a COD earlier than 12/31/2024? May solar projects?	Yes.
80	4/15/2020	4/27/2020	Interconnection	What is the current timing of the Gateway South transmission line? When will you file the CPCNs?	The 2019 IRP targets a commercial operation date for Gateway South of 2023. PacifiCorp is tentatively planning on making the required CPCN filings in Q2 or Q3 2020.

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81	4/15/2020	4/27/2020	Interconnection	What is the current in-service date? Does the PTC extend the in-service date?	PacifiCorp assumes this relates to the in-service date of the Gateway South transmission line. The 2019 IRP projects a commercial operation date for Gateway South of 2023. The availability or expiration of federal investment or production tax credits has not factored into PacifiCorp's estimated in-service date for this component of the company's long-term transmission plan.
82	4/15/2020	4/27/2020	Resource Types	Does expansion of an existing operating resource count as "green-field"?	Yes, if existing operating resource is owned by the bidder.
83	4/15/2020	4/27/2020	Resource Types	Will PAC accept a bid for a new BESS collocated with an existing generating facility?	Yes, provided the new BESS can satisfy all the requirements for eligibility in the RFP, including conforming interconnection arrangements.
84	4/15/2020	4/27/2020	Resource Types	The RFP page 4 says 25% is a "minimum" percentage of co-located renewable resource installed capacity, is that correct? Our previous understanding was that 25% was the maximum.	The "minimum" installed capacity for a battery which is co-located with a renewable resource is 25%.
85	4/15/2020	4/27/2020	Resource Types	Will PAC accept combined PPA/BTA proposals for solar projects such that one could not be selected without the other? And would such combined proposal can be contracted for under one single, combined agreement?	CORRECTED 07/15/2020 - Yes. Such a combined proposal, if selected, would ultimately be contracted under two separate agreements, one for the PPA and the other for the BTA. Also, please see response to Q&A ID# 207.
86	4/15/2020	4/27/2020	Interconnection	What is considered satisfactory evidence that interconnection or transmission service on a third-party's system is "readily obtainable"?	The minimum eligibility requirements for off-system bidders include an unredacted interconnection system impact study with the third party transmission provider and documentation of the availability of, and request for, long-term, firm third-party transmission service from the resource's point of interconnection with the third party's system to a point of delivery on PacifiCorp's system that is acceptable to PacifiCorp.
87	4/15/2020	4/27/2020	Interconnection	Will the interconnection or transmission service costs associated with a project on a third-party's system be considered when PAC creates its shortlist, even though these costs are not considered when evaluating projects on PAC's system?	Bidders proposing a resource that interconnects to a third-party transmission system are responsible for all interconnection costs and transmission charges required to deliver the output (on a firm basis) to the identified point of delivery on PacifiCorp's system that is acceptable to PacifiCorp. These costs will not be included in the evaluation of PPA proposals as they will be the responsibility of the bidder, if selected.
88	4/15/2020	4/27/2020	Agreements / Contracting	What documentation of site control is acceptable? (e.g. MOU, LOI, Lease, Easement, Option, etc.)	Documentation demonstrating reasonable evidence of site control includes real property leases, easements or binding option agreements. The terms of a letter of intent will be reviewed to determine whether it demonstrates a clear, unconditioned right to acquire the property associated with a bid resource, consistent with the terms of the bid. If a submitted LOI is deemed too conditional in nature, it will be rejected, in PacifiCorp's reasonable determination.
89	4/15/2020	4/27/2020	Interconnection	Can a project be bid with less nameplate capacity than the associated interconnection request, if the interconnection rules allow the request to be downsized in the interconnection process?	If the interconnection customer has confirmed with PacifiCorp's transmission function that reducing the size of the interconnection request will not trigger a Material Modification under the OATT rules, then yes. It would be best to secure this confirmation from PacifiCorp's transmission function before the bid is submitted. PacifiCorp's bid evaluation team reserves the right to request further information from the bidder to evaluate whether such bid project (if smaller than the proposed project identified in the associated interconnection materials) compromises the viability of the bidder's eligibility for PacifiCorp Transmission's transitional interconnection cluster study process (assuming PacifiCorp Transmission's interconnection queue reform proposal is approved by the Federal Energy Regulatory Commission and such project is selected for this RFP's initial shortlist) or otherwise results in the interconnection application not reasonably supporting the commercial operation date or other key components proposed in the bid. Please refer also to PacifiCorp's response to Question 43 above.
90	4/15/2020	4/27/2020	Price Score	Please provide the actual values for "internal assumptions for key financial inputs (i.e. inflation, discount rates, marginal tax rates, asset lives, AFUDC rates, etc.) and PacifiCorp carrying costs (i.e., integration costs, owner's costs, etc.)" as referenced in the draft RFP page 27	Due to the volatility of certain of these assumptions over time, the input values requested will be posted in the June/July timeframe (closer to the final RFP's release).
91	4/15/2020	4/27/2020	Agreements / Contracting	Is an independent third party engineering firm's forecasted energy performance analysis required for bids of all types of resources or just wind?	Both wind and solar renewable bids (offered as either PPAs and BTAs) will require an independent third party assessment, satisfactory to PacifiCorp, validating resource estimates (see 2020AS RFP Section 5B). For bids chosen for the Initial Shortlist, PacifiCorp will be engaging its own independent third party to review and evaluate all wind and solar resource estimates.
92	4/15/2020	4/27/2020	Agreements / Contracting	Are two years of on-site meteorological tower data required for solar BTA bids?	<del>For solar BTA bids, PacifiCorp will require bidder provide at least one year of on-site collected solar resource data as part of the bidder's solar resource performance estimates described in Section 5B. SEE RESPONSE TO Q&amp;A# 114.</del>
93	4/15/2020	4/27/2020	Agreements / Contracting	Is one year of on-site meteorological tower data required for solar PPA bids?	<del>For a solar PPA bid, PacifiCorp will not require bidder provide to provide on-site collected solar resource data as part of the bidder's solar resource performance estimates described in Section 5B. However, as described in the RFP, bidder will be required to provide a solar resources estimate based on TMY data (listing specific TMY points used and solar resource time duration data) for purposes of determining the asset's long-term solar resource. SEE RESPONSE TO Q&amp;A# 114.</del>
94	4/16/2020	4/27/2020	Price Score	Noting that IEs are working for Utah and Oregon PUCs, how will proposed generation interconnecting to PacifiCorp's system but based in Idaho be evaluated?	Each bid will be evaluated based on its estimated system benefits, as a system resource, regardless of the state in which the resource is interconnected, or how the resource is otherwise delivered to PacifiCorp's system.
95	4/16/2020	4/27/2020	Agreements / Contracting	Appendix C-3 of the draft RFP filed with Utah commission states that <ul style="list-style-type: none"> <li>All BTA bid submittals must include a minimum of two years of on-site meteorological tower data, converted to an estimated MWh of production on an hourly time scale.</li> <li>PPA bid submittals must include a minimum of one year of on-site meteorological tower data, converted to an estimated MWh production on an hourly time scale.</li> </ul> Can you please confirm whether on-site resource data is required for solar projects? The term "meteorological tower" suggests that these requirements are applicable to wind energy projects.	<del>For solar BTA bids, PacifiCorp will require bidder provide at least one year of on-site collected solar resource data as part of the bidder's solar resource performance estimates described in Section 5B. For a solar PPA bid, PacifiCorp will not require bidder provide to provide on-site collected solar resource data as part of the bidder's solar resource performance estimates described in Section 5B. However, as described in the RFP, bidder will be required to provide a solar resources estimate based on TMY data (listing specific TMY points used and solar resource time duration data) for purposes of determining the asset's long-term solar resource. SEE RESPONSE TO Q&amp;A# 114.</del>
96	4/17/2020	4/27/2020	Agreements / Contracting	There was mention on workshop call that you don't have a PSH toll agreement yet but are working on it which we'd be very interested to review. However, it was also mentioned that the battery PPA agreement gives a good indication of what to expect. Reviewing this form, the storage price is expressed in \$/MWh. Accordingly, we are seeking clarification that for PSH toll you'd be looking for a capacity payment in \$/kw-month? Please advise.	We are currently developing an internal financial screening model for PSH. We currently anticipate PSH bids to be structured as a toll that would include a capacity payment in \$/kw-month coupled with other variable operating charges.
97	4/17/2020	4/27/2020	Resource Types	Noting that the draft RFP indicates that PAC will not accept bids from existing operating facilities. Will PAC consider bids for repowerings of existing operating facilities?	CORRECTED 07/02/2020 - Please see response to Q&A ID# 115. No, this RFP is for new greenfield resources only.

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Q&A ID #	Date Q&A Submitted	Website Response Posting Date	Interpreted Primary Q&A Topic	Question	PacifiCorp Response
98	4/17/2020	4/27/2020	Resource Types	Will PAC consider bids for resources connecting to the Colstrip Transmission System? If yes, would PAC evaluate such a bid assuming the use of PAC's existing transmission rights on CTS to deliver facility output to PAC's system?	Yes, given the minimum eligibility requirements as set forth in the RFP are met. "No" is response to second sentence question.
99	4/17/2020	4/27/2020	Interconnection	If a bidder plans to submit two base bids, one for stand-alone solar and one for solar co-located with BESS, and the two base bids reference the same project with the same point of interconnection, is a single underlying interconnection request acceptable for both base bids to meet the RFP's Bid-Interconnection Request consistency requirements? Or would two underlying interconnection requests be required – one for solar, and one for solar co-located with BESS?	WHILE IT WILL DEPEND ON THE SPECIFIC DETAILS OF THE TWO BASE BIDS DESCRIBED IN YOUR EXAMPLE, Using a single interconnection request to support two different bids would VERY LIKELY mean non-alignment for one of the bids with such single interconnection request. As discussed in the RFP, where there is non-alignment between a bidder's bid and the interconnection materials submitted in association with the bid, PacifiCorp's bid evaluation team reserves the right to request further information from the bidder to evaluate whether its bid compromises bidder's eligibility for PacifiCorp Transmission's transitional interconnection cluster study process (assuming PacifiCorp Transmission's interconnection queue reform proposal is approved by the Federal Energy Regulatory Commission and such project is selected for this RFP's initial shortlist) or otherwise results in the interconnection application not reasonably supporting the commercial operation date or other key components proposed in the bid. Please refer also to PacifiCorp's response to Question 43 above.
100	4/21/2020	4/27/2020	Other	My client, that is a geothermal developer, will not be eligible to bid into the upcoming RFP. However, we are trying to determine the optimal pricing mechanism for future opportunities. For a geothermal plant, that essentially provides 24/7 power, would RMP be interested in a capacity contract, or tolling arrangement? If for capacity, what is the current need for capacity for RMP?	PacifiCorp is not able at this time to respond to questions unrelated to this RFP. PacifiCorp refers the questioner generally to PacifiCorp's 2019 IRP.
101	4/22/2020	5/12/2020	Agreements / Contracting	Reviewing BESS PPA, curious when Exhibit K will be provided in reviewing this agreement as a proxy for a pumped storage tolling agreement.	PacifiCorp has provided a standalone BESS termsheet that would be more applicable to a pumped storage hydro project.
102	4/22/2020	5/12/2020	Agreements / Contracting	Is the tolling agreement term sheet provided previously in PacifiCorp's 2019C RFP a good template for a draft pumped storage tolling agreement, to help with preferred structuring?	The tolling agreement in the 2019C RFP is an example of a tolling agreement that would be done under either an ISDA Master Agreement with Power Annex on PacifiCorp's standard terms as mutually agreed or EEI Master Power Purchase & Sale Agreement on PacifiCorp's standard terms as mutually agreed. A bidder is free to refer to that prior form but should also review the enclosed standalone BESS termsheet included in this RFP.
103	4/23/2020	5/12/2020	Interconnection	Timelines on Gateway South is an important element in capital timing, financing, IDC, equipment, commodities and material escalation rates impacting RFP bid pricing. Can PacifiCorp provide a Gateway south regulatory and construction schedule to provide visibility into the current project status?	Please see responses to Q&A ID#s 34, 80 and 81.
104	4/23/2020	5/12/2020	Geography	Can you confirm PacifiCorp's treatment of Locational Capacity Limits? For example, is the maximum amount of resources that PacifiCorp will accept in PDX/Coast 130MW (i.e. 195/1.5)? Will a bid in excess of 130MW (or 195MW) be deemed non-compliant?	The map on the left in Appendix H of the RFP shows the preferred portfolio topology with locational "bubbles" where the IRP models selected resources accounting for expected transmission upgrades in those areas. The map on the right in Appendix H shows the 150% capacity targets proposed for those same bubbles in the RFP for its initial shortlist selection. As has been done in the prior RFPs, PacifiCorp scores and ranks a pool of resources greater than its need for selection to the initial shortlist. For this RFP, PacifiCorp is proposing 150% of the preferred portfolio in each locational bubble but also incorporating the diversity of the resource type, meaning PacifiCorp will score and rank bids by resource type up to 150% in each bubble. For example in southern Oregon, the 150% target is 750 MW, so PacifiCorp will score and rank a solar-only pool up to 750MW, wind-only pool up to 750 MW, solar with battery pool up to 750 MW, etc., depending on the bids in that locational "bubble." These pools in aggregate for each locational bubble are expected to exceed the 150% limit. From these pools, the IRP model will select the initial shortlist made up of the optimum mix of resources at the 150% target.  For your example, the Locational Capacity Limit for PDX/Coast is 195 MW even though it was not an area picked in the 2019 IRP preferred portfolio based on expected network upgrades during the RFP on-line horizon. In this case the 195 MW represents the MW limit reflecting the next long-term planning upgrade by PacifiCorp Transmission at some future date beyond 2024. A bid in excess of 195 MW would still be compliant in the RFP subject to meeting all the requirements of the RFP.
105	4/23/2020	5/12/2020	Resource Types	Does PacifiCorp have a preference for smaller projects or is it equally acceptable to fill the full capacity for a location with a single project if more economic?	PacifiCorp does not have preference for a certain size project.
106	4/23/2020	5/12/2020	Geography	What is the rationale behind choosing the major substations associated with the Locational Capacity Limits listed in Appendix H-1? Are these locations where a resource such as storage would deliver the greatest value? Does interconnection capacity simply not exist at other substation locations?	The rationale behind providing Appendix H-1 was to respond to questions we received during the March 18, 2020 Oregon workshop with IE stakeholders on RFP modeling and scoring, the March 25, 2020 Pre-issuance RFP bidder's conference Utah, as well as questions we received to our 2020 All Source RFP email inbox (see Q&A ID#17). We received several questions about how to apply our Locational Capacity Limits to specific project locations. In response, we posted Appendix H-1 to align the Locational Capacity Limits to substations found in the publically available OASIS queue. Whether interconnection capacity exists at certain substation locations is not a question that was considered in the development of Appendix H-1.
107	4/23/2020	5/12/2020	Geography	Please confirm that a project connecting into a substation that is not listed in Appendix H-1 would still be considered compliant.	Projects are not required to be interconnecting to only those substations listed in Appendix H-1.
108	4/23/2020	5/12/2020	Resource Types	PacifiCorp's RFP states that it will accept a tolling contract bid for pumped storage hydro resources. For a system that exhibits similar characteristics as pumped storage hydro, (i.e. compressed air energy storage), would PAC consider a tolling contract bid as well as the BSA?	Yes.
109	4/23/2020	5/12/2020	Geography	How will projects that do not conform to the IRP Preferred Portfolio geographic clusters be judged during evaluation? Will they be deemed less competitive than an identical bid that is proposed in a preferred location? What is the methodology for incorporating this impact into the ranking process?	Depending on the number and resource types for bids submitted in such locations, PacifiCorp will utilize the same 150% format as described in Q&A ID# 104 above. But instead of using the IRP preferred portfolio capacity enabled by the estimated costs of potential network upgrades in that location as the starting point for evaluation, the MW capacity will be based on the interconnection capacity in that location at the time the IRP ran its evaluation.



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Q&A ID #	Date Q&A Submitted	Website Response Posting Date	Interpreted Primary Q&A Topic	Question	PacifiCorp Response
110	4/27/2020	5/12/2020	Agreements / Contracting	We would like a clarification regarding Appendix C-3, Third Party Performance Report, specifically for solar projects. Does the report need to be prepared by an outside independent energy modeling firm, or can it be prepared by Bidder's in-house engineering department using licensed industry-standard modeling software (such as PVSyst for example)?	PacifiCorp would prefer that all solar and wind resource assessments be prepared by an outside independent energy modeling firm to assure independence; however, we are aware that several bidders have "in-house" resource assessment teams that derive such estimates. Therefore, if a bidder provides both an "in-house" resources assessment, as well as the methodology and the required underlying data used for this assessment, PacifiCorp will accept the resource analysis provided for purposes of initial evaluation. PacifiCorp reserves the right to require a third-party assessment if it feels it cannot reproduce the bidder's in-house assessment.
111	4/13/2020	5/12/2020	Interconnection	We understand that for all proposals PacifiCorp requires a project to be eligible for inclusion in PacifiCorp ESM's network integration transmission service agreement as a designated Network Resource - does this requirement obligate the project to obtain a specific interconnection service status?	No, bidders can choose energy resource or network resource interconnection service. PacifiCorp ESM intends to designate any resource selected in this RFP as a network resource for purposes of using network transmission service under PacifiCorp's Network Integration Transmission Service Agreement with PacifiCorp Transmission.
112	4/13/2020	5/12/2020	Interconnection	For projects located within PAC's service territory will PAC designate those resources as Network Resources regardless of the interconnection service requested as part of the interconnection request or service established within the interconnection agreement?	Yes.
113	4/28/2020	5/12/2020	Other	Will you allow different contracting structures to be listed on a single bid as an alternative (without paying another bid fee) rather than as an additional base bid? This would allow for direct comparison of different contracting structures and greater assurance of least-cost least-risk procurement and less ability to bias utility ownership.	No, different contracting structures will each need to be evaluated separately. Therefore, they will be deemed as alternatives according to the RFP Main Document.
114	4/28/2020	5/12/2020	Agreements / Contracting	It appears that you require the same amount and types of on-site data for wind and solar, but those are very different resources with different resource measurement methods. Would you allow solar projects to use satellite irradiance data in lieu of physically "on-site" measurements? We understand that on-site measurements for solar can vary widely on the same site, and requiring 1 or 2 years of that data has much less predictive value than more years of satellite data. In addition, can reports for resource data be produced by the bidder, if verifiable by PacifiCorp?	For required bid information, PacifiCorp will accept two years of solar irradiance satellite data provided from Solargis or SolarAnywhere in lieu of on-site solar panel met data for all solar PPA and BTA bids. However, should a solar BTA bidder be selected to the initial shortlist, to remain on the initial shortlist, bidder must commit to install at least one solar monitoring station on the proposed solar site by November 15, 2020 with the ability to capture solar irradiance data for at least eight months and prior to being considered for the final shortlist. If a solar BTA bidder is selected to the final shortlist, bidder will commit to maintaining at least one on-site solar monitoring station through the entire construction period and provide the solar monitoring station and all collected solar irradiance data to PacifiCorp at BTA closing. NOTE: THIS RESPONSE REPLACES PRIOR Q&A RESPONSES #92, #93 AND #95.
115	4/28/2020	5/12/2020	Resource Types	What is your reasoning for allowing only "greenfield sites" to bid? Does this exclude sites around your retiring coal plants or other plants already serving PacifiCorp customers? It seems that projects adjacent to or expansions of existing projects can at times be more economical, are more likely to come to fruition (fewer permitting challenges) and their forecasted production is more accurate (given proximity to operating resource for which actual operational data is available).	Bidders are free to propose a new resource on a "brownfield" site (i.e., a parcel previously used for commercial or industrial purposes). With respect to bidding existing resources in this RFP, such resources under contract with PacifiCorp are already modeled in the IRP and the preferred portfolio that resulted from this modeling effort represents new, incremental resources. The RFP, in turn, seeks a portfolio of resources that aligns with the preferred portfolio. In regards to the economics of new resources, the interconnection queue as of January 31, 2020 shows approximately 43,000 MW of interconnection requests or executed LGIAs, thus ensuring a large robust and competitive pool of new resources available to the RFP. New resources bring the next generation of technology, design, and control into the portfolio. PacifiCorp believes that, based on past RFP experience, it is unlikely there will be limited, if any, existing facilities either directly interconnected or off-system, that would otherwise be eligible to bid and would do so. PacifiCorp has allowed existing projects to bid in previous RFPs and would consider a similar approach in the 2020AS RFP if parties support it subject to the following conditions: • Bidder cannot terminate an existing contract to bid into RFP • The existing contract must expire before the required on-line date as proposed in a bidder's bid. • Bid must meet all other requirements in the RFP.
116	4/28/2020	5/12/2020	Resource Types	For bids on third-party transmission systems: What proof will be required that transmission service capacity is available? Will it simply be a static query of OASIS reservations or also a forward-looking inquiry into potential retirements and transmission build-out?	Please see response to Q&A ID# 61.
117	4/28/2020	5/12/2020	Resource Types	How will projects be ranked according to their capacity contributions, particularly for co-located renewables plus storage? How will you determine their \$/kw ranking for the initial shortlist?	Please see response to Q&A ID# 13 and 104.
118	5/6/2020	5/12/2020	Agreements / Contracting	Does a PVSyst resource estimate report by itself satisfy the third party assessment requirement of the RFP, or does PacifiCorp require a third party expert who is independent from Bidder to generate the PVSyst resource estimate report?	Please see response to Q&A ID# 110.
119	5/12/2020	6/18/2020	Interconnection	Can you please let us know how PAC will look at suspended queue positions that have an LGIA?	If a bidder bids a project in the RFP that has an executed LGIA that is currently in suspension, PacifiCorp expects the bidder to confirm in its bid package (i) the expiration date for the LGIA suspension period; (ii) when bidder is proposing to remove the LGIA from suspension in the course of the RFP process; and (iii) what updates to the LGIA the bidder anticipates will be made upon the project's LGIA being taken out of suspension (e.g., estimated in-service date, changes in project size or technology). For purposes of initial bid evaluation, PacifiCorp will accept a bid that is associated with a suspended LGIA, provided all other RFP requirements are satisfied. If the bid is selected to the initial shortlist, PacifiCorp will consult with the bidder and scrutinize the facts associated with the suspended LGIA in more detail to confirm the reasonableness of bidder's proposal, in terms of estimated in-service date, and other facts relevant. During the transition interconnection cluster study period from October 2020 to April 2021, the bidder will confirm with PacifiCorp Transmission that its costs and schedule are still accurately captured in the suspended LGIA. If the bidder is selected to the final shortlist and approved/acknowledged by the Commissions, bidder will remove the project from suspension within 60 days of Commission decision.

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Q&A ID #	Date Q&A Submitted	Website Response Posting Date	Interpreted Primary Q&A Topic	Question	PacifiCorp Response
120	5/12/2020	6/18/2020	Resource Types	As it relates to RFP proposals for Yakima need 395MW solar / 99MW battery, 1) When would a Washington project for delivery to Yakima be open into RFP? 2) Would off network delivery to Mid-C be accepted for Yakima using the Vantage-Pamona as long as project has firm transmission to Mid-C secured? In this case similar to previous question #28 – at what date is unredacted system impact study due for submission? 3) Would a Mid-C delivery need to be in Pac transmission queue by January 31st deadline?	PacifiCorp's response to the question posed in subpart (1) assumes the question refers to whether there is a requested commercial operation date for projects bid for delivery into PacifiCorp's Yakima area. As stated in the RFP, the requested COD for any resources bid in this RFP (for all proposed areas on PacifiCorp's system) remains by end of year 2024. In response to the question posed in subpart (2), the RFP does not specify or specifically limit the potential points of delivery on PacifiCorp's system for projects that are interconnecting to third party transmission systems (i.e., "off-system" or "off-network" projects). See response to Q&A ID# 28 regarding requirements involving transmission service for such proposed off-system resources. For proposed deliveries around the MidC market hub, there are multiple substations that comprise the various points of delivery of MidC, and of those points, Wanapum, Vantage, and Midway are physical points with direct connections to PacifiCorp's transmission system. The unredacted off-system interconnection system impact study (and associated materials related to the proposed transmission service to bring the output of the resource to a PacifiCorp point of delivery, as summarized in Q&A ID# 28) will be due by the RFP bid due date. Finally, PacifiCorp's response to the question posed in subpart (3) assumes this question relates only to an off-system resource(s) (i.e., a resource proposing to interconnect to a third-party transmission system). If so, the January 31st eligibility date for PacifiCorp Transmission's planned 2020 transitional cluster study does not apply. If a project is proposing to interconnect to PacifiCorp's transmission system, then PacifiCorp Transmission's rules for transitional cluster study eligibility would apply, including the January 31st cut-off date.
121	5/13/2020	6/18/2020	Resource Types	I would like to inquire as to whether hydrogen storage and hydrogen fuel cell delivery interconnection would be considered as part of the BESS	Yes, such bids are acceptable, subject to the minimum bid requirements in the RFP. With respect to projects proposing to interconnect to PacifiCorp's transmission system, please note the requirements for transitional cluster eligibility, which include have a valid interconnection request submitted by January 31, 2020. Please see response to Q&A ID# 63.
122	5/17/2020	6/18/2020	Interconnection	How will the costs of Gateway South be modeled in the bid review process and proposal of the overall portfolio of chosen bids in the 2020 RFP? At page 26 of the RFP, Phase 1, you state: "Bids in the Wyoming east cluster area are expected to trigger Gateway South to be added and account for its cost as part of the initial shortlist modeling process and later in the final shortlist modeling and selection process." Interest would hope that the bids interconnected to this line are not assessed the cost of the line, which should be socialized across the entire portfolio. How will those costs be "allocated" between and among bids and the proposed final portfolio?	Costs associated with Gateway South (GWS) will not be incorporated in the determination of the initial shortlist. It's important to understand the difference between project-allocated transmission costs and the evaluation of the GWS system investment. All projects that require GWS for interconnection into PacifiCorp's transmission system will only be assigned incremental costs, both direct assigned and network upgrade, that are outside the currently defined scope of the Gateway South project. However, the economic viability of GWS is contingent on the bids received as part of the 2020AS RFP connecting to GWS. If the system benefits from the sum of both GWS and the new resources bid do not provide adequate system benefits to PacifiCorp's rate payers (very similar to EV 2020), both GWS and all associated bids requiring GWS may be abandoned.
123	5/20/2020	6/18/2020	Resource Types	With the completion of the Pomona-Vantage 230 kV PacifiCorp transmission project, is the Vantage Substation a viable point of delivery for the upcoming procurement?	The RFP does not limit proposed points of delivery. PacifiCorp assumes the question of "viable" refers to whether or not Vantage substation is a point with direct connection to PacifiCorp transmission system. If that was entirely the intent of the question, the response is "yes".
124	5/26/2020	6/18/2020	Geography	The draft RFP and related information make it clear how projects within each "load pocket" (e.g., Southern Oregon, Northern Utah, etc.) will be evaluated against other projects within the same load pocket. To what extent and how will projects within one load pocket be evaluated against projects in other load pockets? For example, how will PacifiCorp account for an abundance (> 150% of the published locational initial shortlist capacity limit) of relatively high-value projects in one load pocket versus an absence of high-value projects in a separate load pocket?	PacifiCorp has stated in recent RFP workshops that the 150% capacity and technology cap is only an "indicator or marker" where PacifiCorp and the IEs should begin evaluating whether additional bids should be considered. PacifiCorp has committed to work closely with the IEs to assure that bids are not unfairly eliminated too early in the selection process. However, the "bubble" or load pocket concept was derived from the IRP topology providing guidelines to what transmission capacity could be available considering only the 2023-2024 timeline unique to this RFP. With the IE's involvement, the mix across locations may vary from the 150% limit in a location, ultimately based on bids submitted and resulting bid ranking by location.
125	6/5/2020	6/18/2020	Interconnection	There was a previously set date (in May I believe) to have submitted an interconnection application by that date in order to be considered for the RFP. My question is, would proposals who did not meet that interconnection application deadline still be considered if everything is met by the RFP deadline?	To be considered as an eligible bid in the RFP, all minimum eligibility requirements will need to be met as defined in the RFP.
126	6/8/2020	6/18/2020	Interconnection	Would PacifiCorp consider as "conforming" a proposal from a resource that has submitted a surplus interconnect service request under FERC Order No. 845 (to be paired with an operational resource) if the surplus interconnect request was made after January 31 2020?	Nothing in PacifiCorp's queue reform filing or FERC's May 12, 2020 order approving that filing changed the separate surplus service interconnection study process set out in PacifiCorp OATT Section 38.3. PacifiCorp transmission would therefore accept requests for surplus interconnection service – requests that, by definition, do not require new interconnection capacity and cannot cause network upgrades – submitted after the January 31, 2020 cut-off date for regular interconnection requests. As a result, PacifiCorp's RFP team would also consider a proposal from a resource that has submitted a surplus interconnection request after January 31, 2020 and has received a timely study evaluating that request.
127	6/8/2020	6/18/2020	Geography	I understand from PAC that, "The requirements for an off-system resource are as follows: The minimum eligibility requirements for off-system bidders include an unredacted interconnection system impact study with the third party transmission provider and documentation of the availability of, and request for, long-term, firm thirdparty transmission service from the resource's point of interconnection with the third party's system to a point of delivery on PacifiCorp's system that is acceptable to PacifiCorp, achievable by December 31, 2024. Transmission service documentation to PacifiCorp's system is two-fold; firm capacity is available on third-party transmission provider and bidder has made a request to the third-party transmission provider to acquire firm point-to-point transmission service to PacifiCorp's system."  Can you please provide a list of PODs that are acceptable to PAC? Specifically, would PAC accept demonstration of a TSR request with a POD of MID-C REMOTE with a sink of Midway 230?	CORRECTED 07/02/2020 - Please see response to Q&A ID# 120. As part of bid submittal, evidence and assumption of a TSR request with a POD of MID-C Remote and a sink of Midway 230 would be acceptable. The RFP does not limit proposed points of delivery. PacifiCorp does not plan to post to a list of all potentially acceptable PODs.
128	5/12/2020	6/18/2020	Resource Types	I understand that the current PacifiCorp RFP does not allow for floating solar. However, as it uses an existing resource without having to take up valuable farmland or tearing down forests and is being deployed widely outside the US, would your client reconsider incorporating floating solar as part of the RFP bid?	All resource types are eligible to bid in the RFP subject to meeting minimum eligibility requirements as defined in the RFP.
129	5/5/2020	6/18/2020	Geography	Is the McNary Substation ( <a href="https://www.pacifiCorp.com/transmission/transmission-projects/energy-gateway/west-of-hemingway.html">https://www.pacifiCorp.com/transmission/transmission-projects/energy-gateway/west-of-hemingway.html</a> ) considered in Walla Walla or W. Valley per the below Locational Capacity Limits provided by PacifiCorp?	Walla Walla.

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Q&A ID #	Date Q&A Submitted	Website Response Posting Date	Interpreted Primary Q&A Topic	Question	PacifiCorp Response
130	6/17/2020	7/6/2020	Other	Are the base bids and alternatives that we include in Appendix B-1 – Notice of Intent to Bid Form binding? In other words will we be limited to the base bids and alternates included in Appendix B-1 or can we adjust our actual proposal?	Up until bid due date, modifications or adjustments to base bids and or alternatives, as initially described in a party's Appendix B-1, will be allowed.
131	6/17/2020	7/6/2020	Other	Many Utilities, in an effort to ensure a robust and diverse response to an RFO, will publish supplier lists for posting on the RFO website so that all bidders can be aware of interested and local suppliers. Does PacifiCorp plan on doing that in this case?	PacifiCorp does not plan to provide supplier lists for posting on the RFP website.
132	6/17/2020	7/6/2020	Other	The PacifiCorp June 1, 2020 reply to the PUC of Oregon (Docket UM 2059 – PacifiCorp's Reply Comments), notes in reply number D.2. Timing of Commitment Letters: "PacifiCorp ... requires a letter from the entity providing financial assurances at the bid submittal stating that it will provide financial assurances on behalf of the bidder." We are confused by the fact that you go on to state that "the formal letter of commitment as attached in Appendix D is due to PacifiCorp 20 business days after selection to the initial shortlist." Examples of the form of the formal letter of commitment is provided in Appendix D, but it does not provide information on the form or content of the informal letter due with bid submissions. Can you clarify on who the informal letter is expected of, and what is content should be?	To this question, please review Appendices B-2 and D of the final RFP documents when issued. When submitting bid, a description of financing plan is to be included, and a letter from the entity providing financial assurances stating that it will provide financial assurances on behalf of the bidder. In addition, the form of commitment letter will be due within 20 business days of being selected for the initial shortlist.
133	6/17/2020	7/6/2020	Other	Appendix D also states that "The bidder may be required to post credit assurances..." but does not further define how this requirement is triggered. Can PacifiCorp please more clearly define the criteria that will be used to determine if a bidder will need to post credit assurance.	This referenced section in Appendix D is in regards to the requirement to provide credit assurances or post security (bonds, letters of credit, etc.), to secure advance payments and/or performance, and such requirement will depend on PacifiCorp's evaluation of the bidder's creditworthiness and the structure of the transaction.
134	6/19/2020	7/6/2020	Interconnection	Can a single bid include more than one POI and interconnection request?	A single bid, having more than one interconnection request, but at the same POI could be recognized as one base bid. A base bid cannot include more than one POI.
135	6/19/2020	7/6/2020	Resource Types	Can a bid submit different nameplate capacities as alternatives rather than additional base bids?	Each different nameplate capacity would be considered a base bid.
136	6/19/2020	7/6/2020	Resource Types	Can a bid submit different BESS durations as alternatives rather than additional base bids?	Different BESS durations would be considered alternatives rather than additional base bids.
137	6/22/2020	7/6/2020	Agreements / Contracting	You previously stated that the post-COD security is \$100/kW. Does this step down (linearly or otherwise) throughout the PPA tenor? Or is it held at \$100/kW for the PPA tenor.	Any post-COD security amount required pursuant to the executed agreement will be expected to be held for term of the agreement.
138	6/22/2020	7/6/2020	Geography	As a follow-up to the inquiry that we previously submitted, the actual two-part question was cut off in the Q&A posting for #127. I am restating here: Can you please provide a list of POD's that are acceptable to PAC? Specifically, would PAC accept demonstration of a TSR request with a POD of MID-C REMOTE with a sink of Midway230?	Q&A ID# 127 has been corrected to include that the last part of initially submitted question which was erroneously cut off in last posting. Furthermore, we have added to that response, "PacifiCorp does not plan to post to a list of all potentially acceptable PODs." Additionally, please note that Mid-C (MidC), as in Mid-C Remote or Mid-C market hub, by itself is not an acceptable POD.
139	6/22/2020	7/6/2020	Geography	In PAC's response, it noted to consult #120 where PAC says, "For proposed deliveries around the MidC market hub, there are multiple substations that comprise the various points of delivery of MidC, and of those points, Wanapum, Vantage, and Midway are physical points with direct connections to PacifiCorp's transmission system." However, in #127, PAC says, "Mid-C Remote is not an acceptable point of delivery."	Please see responses to Q&A IDs 127, 138 and 140.
140	6/22/2020	7/6/2020	Geography	PAC's responses are contradictory. To complete a transmission service request through OASIS, a developer must select both a "point of delivery" (POD) and a "sink." The sink is a sub-class of a POD. As such, the only way to obtain transmission to the subs that are referenced in #120, which are "sinks," is to choose a point of delivery (POD) of Mid-C remote. Can you please respond yes or no if PAC accept demonstration of a TSR request with a POD of MID-C REMOTE with a sink of Midway230?	Please see responses to Q&A IDs 127 and 138. As part of bid submittal, evidence and assumption of a TSR request with a POD of Mid-C Remote and a sink of either Vantage, Wanapum or Midway 230 will be acceptable.
141	6/23/2020	7/6/2020	Other	What information will PAC make publicly available about individual bids and at what time? For example, will bidder, credit provider, and/or project details be made public once bids are submitted, the ISL is selected, the FSL is selected, agreements are executed, or never?	Before bid submittal, bidders will be required to execute a confidentiality agreement in the form provided in Appendix G-1 - Confidentiality Agreement. As provided in the form of confidentiality agreement, PacifiCorp will attempt to maintain the confidentiality of all bids submitted, to the extent consistent with law or regulatory order, as long as such confidential treatment does not adversely impact a regulatory proceeding. It is the bidder's responsibility to clearly indicate in its proposal what information it deems to be confidential and subject to the terms of the executed confidentiality agreement. Bidders may not mark an entire proposal as confidential, but must mark specific information on individual pages to be confidential in order to receive confidential treatment for that information under the terms of the executed confidentiality agreement.
142	6/23/2020	7/6/2020	Resource Types	This question is to clarify PacifiCorp's Response to Q&A ID # 114. Upon selection to the final shortlist would we have to keep the met station, originally installed by the November 15, 2020 deadline, through the duration of construction or could we remove that met station for a period of time and replace it at a time closer to the start of construction activities?	PacifiCorp realizes that currently installed met stations may need to be relocated within the project boundaries due final site layout considerations and anticipated construction activities. Therefore, the relocation of an existing met station is acceptable within the project boundaries. A met station re-siting's goal should attempt to represent expected site resource conditions while not being disturbed by construction activities or ultimate project layout (for either wind or solar assets).
143	6/24/2020	7/6/2020	Interconnection	We have an existing solar queue position that was filed for interconnection before the January 31, 2020 cutoff. We are looking to add a battery to the solar project by filing an incremental interconnection request to the existing queue position. Does filing an incremental interconnection request after the January 31, 2020 cutoff conform with the RFP requirements?	Please see responses to Q&A ID# 60 and 99.
144	6/29/2020	7/6/2020	Other	If the bidder is utilizing a credit guarantor, is the letter of credit commitment letter in Appendix D due at the same time the bid is submitted or upon shortlist notification?	Please see response to Q&A ID# 132.
145	6/30/2020	7/24/2020	Interconnection	In the outline, it states: "Minimum requirement in the RFP is for bidders to provide evidence of having an accepted interconnection request by PacifiCorp Transmission on or before January 31, 2020 (i.e., Interconnection queue number)." Is there anyway to acquire the interconnection queue number now and still be eligible to submit for the RFP?	Please see responses to Q&A ID# 47.
146	7/1/2020	7/16/2020	Price Score	Are you still accepting questions for the Q&A? One more may help bidders know the "score": After the transition cluster study is complete, will there be a "lookback" to determine whether any shortlisted project should be replaced by another project that did not make the shortlist, but is actually lower-cost or higher-value once all transmission costs are known?	Yes, we are still accepting questions for the Q&A. After completion of the transition cluster study and bid updates, PacifiCorp will compare scores of shortlisted bids against scores of non-shortlisted bids that had an executed LGIA to ensure the bids being evaluated in the final shortlist are the lowest cost / highest value.

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Q&A ID #	Date Q&A Submitted	Website Response Posting Date	Interpreted Primary Q&A Topic	Question	PacifiCorp Response
147	7/3/2020	7/16/2020	Resource Types	If a proponent wishes to bid a hybrid contract structure (50%PPA+50%BTA), similar to contracted projects in Vision2020, how would you advise to structure the bid? Would it be submitted as two bids – 1PPA and 1BTA – or as one bid?	Please submit as separate bids with no contingency between the two bids. Each PPA and BTA base bid (and associated alternative(s), is considered a separate proposal and requiring a separate \$10K bid fee for each. If further clarification is requested PacifiCorp asks that bidder provide additional details of question.
148	7/3/2020	7/16/2020	Resource Types	If a proponent wishes to bid a PPA and BTA alternative for the same project, how should this be submitted? Two separate bids or alternatives to the same bid?	PPA or BTA alternatives are considered separate proposals requiring a \$10K bid fee for each. If further clarification is requested PacifiCorp asks that bidder provide additional details of question.
149	7/8/2020	7/16/2020	Other	How would PacifiCorp like to receive all of the hard copy proposals? Would you like each proposal individually mailed or can we mail one project together with its different iteration proposals?	PacifiCorp has revisited its bid submission requirements in the wake of the pandemic and delayed re-entry of PacifiCorp's workforce into its Portland office. To reduce handling of large documents by our mailroom and others, we will only be requiring two methods of bid delivery. First is a USB drive with the bid on it accompanied by a signed letter from the officer and second is the electronic email delivery. The USB should be sent by FedEx, UPS, or mail, no hand delivery.
150	7/8/2020	7/16/2020	Other	To wire \$ for RFP bids/proposals, we need to set-up vendor in our accounting system. Can you please provide wire info and a W9 to process payment.	We are providing that detail once we receive the notice of intent to bid.
151	7/8/2020	7/16/2020	Agreements / Contracting	We cannot find Appendix B-1 (Notice of Intent to Bid) or Appendix D (Bidder's Credit Info). When will these be posted?	Appendix B-1 and D are included in the "RFP Appendices A-N Umbrella Document" file. Only large appendices are provided as separate documents.
152	7/8/2020	7/16/2020	Agreements / Contracting	I have a question regarding the preferred PPA term as outlined in the RFP documentation. The RFP specifies 15-30 year terms for PPA proposals but I have also understood that different PPA terms could be acceptable. My question is whether PacifiCorp would accept bids from an existing wind project with 5-6 year PPA terms. For clarity, the project in question has an existing PPA with PacifiCorp that expires prior to 12/31/2024.	PacifiCorp preference is for PPA terms of 15-30 years. However, we will accept and evaluate PPA bid offerings of shorter term.
153	7/9/2020	7/16/2020	Resource Types	The RFP document allows a broad range of storage durations. Can you give any guidance on PacifiCorp's preferred duration or how the duration of storage is scored during bid evaluations?	PacifiCorp's current storage analysis has indicates the greatest value proposition of between 2-4 hours. However, PacifiCorp does not stipulate a "preferred duration" and will evaluate all storage operating scenarios offered. Please see Appendix C-2, Tab 4 - the required columns indicate all the storage operating parameters considered in our evaluation outside of our stochastic modeling (SO & PaR). For additional reference, please review "RFP Appendix A - Battery Energy Storage (BESS) - BTA Specifications."
154	7/9/2020	7/16/2020	Resource Types	If you have an existing qualifying facility and GIA in place, can PacifiCorp take energy before the 2024 date as part of this RFP?	PacifiCorp has only stipulated that commercial operations dates cannot exceed December 31, 2024. PacifiCorp will accept and evaluate contracts with start dates prior to the December 31, 2024 COD.
155	7/9/2020	7/16/2020	Resource Types	Will existing out of system biomass plants be considered as acceptable bidders?	Existing off-system biomass plants will be considered if not under contract with PacifiCorp and all requested third party transmission system information is provided in accordance with the 2020AS RFP rules and guidelines.
156	7/9/2020	7/16/2020	Agreements / Contracting	Is the "Form of Guaranty Commitment Letter" required for the notice of intent due July 20th, or just with the final proposal?	At the NOI stage, PacifiCorp seeks to know for planning purposes who will be providing credit support and the creditworthiness of the party providing financial support in accordance with Appendix D. At the bid submittal PacifiCorp requires that the bidder supply a letter from the party providing credit support that they will be providing credit support. If selected to the initial shortlist, bidder will be required to provide a form of guaranty letter from the party providing credit support as shown in Appendix D within 20 business days after selection to the initial shortlist.
157	7/9/2020	7/16/2020	Other	We would like to bid a project with two different CODs, both with and without storage. Based on the statement today that augmentation/non-augmentation are not to be treated as 'alternatives', may we assume the total bid fee is \$20,000?  Project X with storage (\$10,000) - COD 1 (with and without augmentation) - COD 2 (with and without augmentation)  Project X without storage (\$10,000) - COD 1 - COD 2	Yes.
158	7/9/2020	7/16/2020	Other	Questions re NOI: - what if bidder has not yet decided on how many alternatives, are we going to be bound to how many base/alternative columns we show in the NOI? - what if bidder flexible in terms of asset size (up to say some number of MW), can bidder just say that in the NOI instead of stating a precise number of MWs	PacifiCorp would prefer, for planning purposes, that the NOI reflect exactly what bidders will provide in bid offerings on the bid submission date (Aug. 10, 2020). However, bidders may adjust or change there bids, even though not reflective of what was provided in the NOI up to the bid submission date. While not preferable, bidders will be permitted to provide a range as part of any individual response in the NOI. However, official bids submitted on the bid submission date can include no inputs that represent a "range" of possibilities - all such bids will be deemed non compliant and requested to be cured, and those not cured would be rejected.
159	7/9/2020	7/24/2020	Interconnection	We have previously signed a feasibility study agreement, and received a queue number, for a solar project that did not include storage – the project studies have not commenced to date. In preparation for the RFP, we submitted a Material Modification Restudy application/request to add storage to the queue position (non-grid charging). We received confirmation from PAC transmission that the addition of storage would not constitute a material modification. PAC transmission has also confirmed that we will not need a new Feasibility Study Agreement regarding this change, but rather, a new agreement would be drafted for the project if we are accepted into the transition cluster.  We would like to bid our project with both storage and non-storage alternatives. Could you please confirm if there are issues with this approach in complying with the RFP requirements.	Based on the facts presented, a bidder could provide the bid alternatives suggested. Please review responses to Q&A ID#s 164 and 207 to assure all bids are individual transactions and not contingent. However, please provide documentation from PacifiCorp Transmission that either the original plant configuration requested and the revised plant configuration approved via the Material Modification Request are both approved changes to the interconnection request.
160	7/9/2020	7/16/2020	Resource Types	In the posted Q&A there was a question that asked whether respondents would be limited to bidding scenarios that were outlined in the NOI. The response was "Up until the bid date, modifications or adjustments to base bids or alternatives...will be allowed." Will bids from additional projects that weren't included in a respondent's NOI be allowed?	PacifiCorp would prefer, for planning purposes, that the NOI reflect exactly what bidders will provide in bid offerings on the bid submission date (Aug. 10, 2020). However, bidders may adjust or change their bids, even though not reflective of what was provided in the NOI up to the bid submission date. Official bids submitted on the bid submission date are deemed final and subject to meeting bid requirements.

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Q&A ID #	Date Q&A Submitted	Website Response Posting Date	Interpreted Primary Q&A Topic	Question	PacifiCorp Response
161	7/9/2020	7/16/2020	Resource Types	What if bidder is flexible in terms of asset size (up to say some number of MW), can bidder just say that in the NOI instead of stating a precise number of MWs?	Please see response to Q&A ID# 158 and 160.
162	7/9/2020	7/16/2020	Other	If the emailed bid is received by the due date but the USB comes after that date would the bid be deemed on time?	All bidder required information for any particular bid (see RFP rules and guidelines) must be received by 5:00 PM, PPT, August 10, 2020 to be accepted whether information is sent via overnight mail or email.
163	7/9/2020	7/16/2020	Agreements / Contracting	Will you disqualify some companies from participating in the RFP after review of Bidder's Credit Information or are Intent to Bid Forms for informational purposes?	Notice of Intent to Bid are preliminary and informational for PacifiCorp's planning purposes. Any final determination of whether or not a bid is compliant or meeting minimum bid requirements will be made after the bid submittal. It is bidder's responsibility to carefully review the minimum bid requirements in the RFP documentation prior to submitting a bid.
164	7/9/2020	7/16/2020	Resource Types	A hybrid of PPA/BTA for one generation facility would be submitted as 1 base bid or two separate base bids?	Combined PPA/BTA bids as a single base bid will be rejected. All contingent bids will also be rejected. All bids must be "stand alone" offerings to be considered compliant for the RFP.
165	7/9/2020	7/16/2020	Agreements / Contracting	What kind of information is needed to demonstrate bidder's ability to provide the required security? Would you be looking for financial statements with enough cash or equity interest to cover the PPA security deposit?	Bidder should provide audited financials if not meeting the creditworthiness threshold in Appendix D. Financials should show the financial strength of the company providing credit support to finance the project as well as cover the security requirements.
166	7/9/2020	7/16/2020	Agreements / Contracting	If a bidder doesn't have audited financial statements, are unaudited financials accepted?	They are acceptable at the NOI stage for planning purposes but bidder may be required to provide additional credit assurances documentation, and evaluated on a case by case basis.
167	7/9/2020	7/16/2020	Agreements / Contracting	Is G-1 negotiable?	PacifiCorp will review any proposed redlined changes to the Confidentiality Agreement before it is due. Please provide any proposed redlines in a timely manner for such reviews to be completed.
168	7/9/2020	7/16/2020	Agreements / Contracting	Is PAC requiring a summary list of exceptions and a mark-up of the PPA? If so, does PAC expect bidders to identify every exception from their mark-up in the exception list? Will PAC provide a standard form that bidders should use to submit exceptions?	PacifiCorp is requesting evidence that a bidder has done a review of the applicable contract document (PPA, BSA, BTA, etc.) through comments provided by the bidder. PacifiCorp is not evaluating or passing judgement on comments provided for purposes of scoring; rather, attempting to evaluate whether a bidder has done a thorough review of applicable contracts that will be the starting point for negotiations should a bidder make the initial short list. PacifiCorp is requesting bidder provide a full mark-up as well as top issues list in their comments.
169	7/9/2020	7/16/2020	Agreements / Contracting	Will you please clarify what Column C is indicating?	(Slide 33 of Bidder Workshop or Appendix B-2) Column C are items that must be completed/filled out or otherwise submitted. Columns D & E reference the appendices that are applicable to (or must be paid attention to) either PPAs or BTAs respectively.
170	7/9/2020	7/16/2020	Other	RE: NOI. If I am submitting an NOI for two separate projects, Project A at 100 MW and Project B at 120MW, would a consolidation of Projects A+B for Project C at 220 MW be an alternative or a separate NOI? While each project (A, B or C) will be accompanied by a full bid package, will PacifiCorp be able to discern that by accepting Project C, Projects A+ B will not be available? Or should an NOI for Projects A+B only be submitted as that represents the total MW's available?	Please see responses to Q&A ID#s 164 and 207.
171	7/9/2020	7/16/2020	Agreements / Contracting	I may have missed the discussion but Appendix B and D are not on the website yet. When will they be posted?	Please see response to Q&A ID# 151.
172	7/9/2020	7/16/2020	Resource Types	Can you clarify what you mean by "PPA/BTA combination" for the wind base bid on slide 32?	Please see responses to Q&A ID#s 164 and 207.
173	7/9/2020	7/16/2020	Resource Types	If I bid Project A as BTA and Project B as PPA, as separate bids, but also want to offer a 220 MW PPA offer, if PAC accepts a PPA Project C then it can't accept either of Project A or B as these projects are being used to make Project C.	Please see responses to Q&A ID#s 164 and 207.
174	7/9/2020	7/16/2020	Other	Is there instruction and/or requirements of the detail required for one-line diagram in Appendix A-5?	No. PacifiCorp would like a diagram showing the interconnection and one showing the project general schematics.
175	7/9/2020	7/16/2020	Resource Types	If Stand alone storage has an ITC associated with it by the time a transaction is consummated under 2020AS RFP, do you still plan to try to execute a PSA under a B-T for a stand alone storage site?	Please clarify question and provide any additional details that help describe your question.
176	7/9/2020	7/16/2020	Resource Types	We have a project with two interconnection points that we plan to bid as one combined project, and also as smaller projects for each separate interconnection. Would this require 3 separate energy reports for the 3 different iterations, or will one energy report for the largest combined size suffice?	As described, each will require its own energy report.
177	7/9/2020	7/16/2020	Resource Types	Appendix A-6 wind Scada tab has division of responsibility down to subcontractor level. was this the intent? is this appropriate for a BTA bid?	Bidder is responsible for identifying all portions of the Scope of Work that PacifiCorp will be responsible for providing so that PacifiCorp can adequately assess the cost and risk associated with the bid.
178	7/9/2020	7/16/2020	Resource Types	What stage of transmission procurement is an off-system resource required to be at in order to participate?	Please see response to Q&A ID# 195.
179	7/9/2020	7/16/2020	Resource Types	To follow-up on the PPA/BTA combo discussion, assume there is one 200MW project where 100MW is submitted as BTA and 100MW is submitted as PPA in separate bid packages as instructed. However, the PPA and BTA price are contingent upon both BTA and PPA bids being awarded. Considering the requirement for standalone bid packages and standalone evaluations as described, how will or how can hybrid combo bids be reviewed/evaluated?	Contingent bids will not be allowed. Please see response to Q&A ID#s 164 and 207.
180	7/9/2020	7/24/2020	Interconnection	To proceed into the Transition Cluster study, is a deposit allowed in lieu of site control?	To be eligible for the Transition Cluster study, yes. See OATT Attachment W, Section 2.1.2.
181	7/9/2020	7/24/2020	Interconnection	If a project has a QF pricing queue position (and filed an IR before Jan 31, 2010, will it be able to participate in the Transition Cluster Study even if it is not shortlisted in Oct 2020 or does not meet one of the three commercial readiness criteria?	PacifiCorp will not apply the commercial readiness criteria to state-jurisdictional QF interconnection requests during the Transition Process. This means that if a QF that had a request in PacifiCorp's interconnection queue by the January 31, 2020 Transition Close Date has not yet obtained a QF power purchase agreement by the Transition Readiness Deadline, the QF's interconnection request will still be included in the Transition Cluster.

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Q&A ID #	Date Q&A Submitted	Website Response Posting Date	Interpreted Primary Q&A Topic	Question	PacifiCorp Response
182	7/9/2020	7/16/2020	Geography	There are certain zones where you have procurement targets but not enough MWs to qualify under the Jan. 31 cut off date. How will you treat applications from these zones that may be queued after Jan 31? (assuming no changes by FERC)	The eligibility and adequacy of potential generating assets by geographic transmission zone was not a consideration. These targets were developed as a result of analysis by the IRP team with input from PacifiCorp Transmission. The January 31, 2020 queue cut off date (or as superseded by FERC prior to August 10, 2020) will not be adjusted as a result of bidder participation in each geographic transmission zone (or bubble) discussed in the 2020AS RFP.
183	7/9/2020	7/24/2020	Interconnection	What are the examples of non-commercial readiness criteria to be included in the transition cluster study?	See OATT, Attachment W, Section 2.1 for eligibility for the Transition Cluster.
184	7/9/2020	7/16/2020	Geography	What study has been performed to determine the Locational Capacity Limits for substations in Appendix H?	No study was performed for this RFP. The matrix in Appendix H-1 identifies the major substations that are associated with the Locational Capacity Limits in the map in Appendix H as a guide for bidders to determine what location their project might be assigned to for initial shortlist evaluation.
185	7/9/2020	7/24/2020	Interconnection	Can projects make an in-lieu deposit for commercial readiness (\$3000/MW) in the Transitional Cluster Study?	No. See OATT, Attachment W, Section 2.1 for eligibility for the Transition Cluster.
186	7/9/2020	7/24/2020	Interconnection	We understand that any generator that has an executed LGIA can not enter the Transitional Cluster Study if they are shortlisted. Can you explain why this is, especially if the signed LGIA is relatively old and there has been/will be significant changes to the both the interconnection queue and the physical characteristics of the network since the LGIA was signed, meaning their interconnection network upgrade requirements may no longer be relevant?	PacifiCorp's OATT Attachment W does not contain a mechanism for an LGIA executed before January 31, 2020 to opt in to the Transition Cluster study in lieu of the interconnection requirements of the signed LGIA.
187	7/9/2020	7/24/2020	Interconnection	Can you explain the Refundability/Withdraw rules and procedures in the updated queue reforms?	Withdrawal penalties differ for the Transition Cluster and the Prospective cluster study process. See OATT Attachment W, Section 7 for rules on withdrawal from the transition process.
188	7/9/2020	7/24/2020	Interconnection	I believe I heard that the \$3000/MW Deposit is not allowed for the "Commercial Readiness Milestone" in the Transition Cluster Study. Is that the case? If so, what are suitable alternatives?	See OATT, Attachment W, Section 2.1 for eligibility for the Transition Cluster, which does not include the financial payment option.
189	7/10/2020	7/16/2020	Agreements / Contracting	Can PacifiCorp confirm that a commitment letter from an entity providing credit assurances on behalf of the bidder is required to be submitted on July 20 with the bidder's notice of intent to bid (see RFP, Appendix D, para. 2b). I note that the commitment letter is required to be submitted at time of bid submittal and within 20 days of a bidder making the initial shortlist (per question #132). Is it necessary to provide the commitment letter on three separate dates that are within 3 months of each other??	Please see responses to Q&A ID#s 29, 30, 132 and 144. When submitting a bid, and if you are intending for an entity to provide financial assurances, we are asking for a letter from such entity stating that they are planning on or is willing to provide financial assurances should the bid become shortlisted. The formal commitment letter will be due 20 business days after bidder makes the initial shortlist.
190	7/10/2020	7/16/2020	Other	In reference to the bid documents, there appears to be numerous discrepancies with what appendices were listed as available in the main bid document (see below), versus what is provided on the website. <a href="https://www.pacifiCorp.com/suppliers/rfps/all-source-rfp/2020-all-source-rfp-docs.html">https://www.pacifiCorp.com/suppliers/rfps/all-source-rfp/2020-all-source-rfp-docs.html</a>	Some of the appendices are located in the "RFP Appendices A-N (no A-7) Umbrella Document." A "map" of the location will be posted on the RFP webpage.
191	7/10/2020	7/16/2020	Other	Will the following documents be posted on the RFP web site? If so do you have an estimate of when?  Appendix B-1-Notice of Intent to Bid Form Appendix D-Bidder's Credit Information Appendix G-1-Confidentiality Agreement	Those appendices are included in the "RFP Appendices A-N (No A-7) Umbrella Document." A "map" of the location will be posted on the RFP webpage.
192	7/10/2020	7/16/2020	Agreements / Contracting	Can a bidder provide markups to the form PPA/BTA that comment out specific issues and why the bidder takes issue or does the entire agreement need to be redlined with proposed language?	See response to Q&A ID# 168. To received full non-price score, Bidders must provide a full redline and top issues list.
193	7/10/2020	7/16/2020	Resource Types	For pumped storage hydro (PSH), can a bidder submit a base proposal for a PSH project as a tolling agreement and include as an alternative a build transfer agreement (BTA) proposal under the same \$10k bid fee, or would the PSH tolling agreement option and PSH BTA option be required to be two separate base bids, and thus two separate \$10k bid fees?	No. Each bid is separate and will require unique analysis. Each bid must be independent and not contingent on another bid. In that a BTA and Toll/PPA are completely different contract structures, each need to be treated as "separate" bids requiring the \$10K fee.
194	7/10/2020	7/16/2020	Resource Types	2. Will pumped storage hydro project contract structures be eligible for terms greater than 30 years?	Yes. PacifiCorp will entertain contract structures for long lead time assets, such as pumped storage hydro for more than 30 years but not beyond any existing federal or state licensing requirements.
195	7/13/2020	7/16/2020	Resource Types	As a conceptual follow up to Q&A log #120: If an off-network project had pricing/attributes that were worth IRP model evaluation, and presented a reasonable path to finalize an off-network SIS before the PAC cluster study target of April 2021, would it be considered? Project will not have an XXXXX SIS by 8/10/2020 date but would submit RFP if the future SIS completion consideration would be made.	No. Please review the sections Minimum Eligibility Requirements for Bidders and Transmission Service for Delivery to PacifiCorp's System, both in the RFP Main Document.
196	7/13/2020	7/16/2020	Other	As we sign the NDA for Notice of Intent, my legal team had a quick clarification question surrounding Section 2(a) and 2(b) of the Confidentiality Agreement: Question: Can you confirm that the NDA is now superseded by the docket rules?	With respect to Section 2(a) and 2(b) in the NDA, in Oregon, when the Company submits the final shortlist to the Oregon Commission, it will also request to modify the protective order in UM 2059 to protect as highly confidential the bid information, analysis and modeling that relies on bid information, and reports provided by the IE that rely on and refer to bid information. The language in Section 2(a) and 2(b) governs the time before the modified protective order is issued by the Oregon Commission and after the modified protective order is issued by the Oregon Commission. We appreciate that the wording is a bit awkward but the NDA will govern.
197	7/13/2020	7/16/2020	Resource Types	Regarding the "Solar" section on page 22. Will the two additional years of solar irradiance satellite data be required for a PPA proposal or just BTA?	Please see response to Q&A ID#s 114.
198	7/13/2020	7/16/2020	Other	Will PacifiCorp consider changes to the form of Confidentiality Agreement, Appendix G-1?	PacifiCorp will review any proposed redlined changes to the Confidentiality Agreement before it is due. Please provide any proposed redlines in a timely manner for such reviews to be completed.
199	7/13/2020	7/16/2020	Other	Is PacifiCorp accepting any edits to its Confidentiality Agreement?	Please see response to Q&A ID# 198.
200	7/14/2020	7/16/2020	Other	If we do not have a definitive interconnection plan (have not secured a site nor inter-connectivity), should we submit a response?	Bidder will not meet the minimum requirements under the RFP. Please review the RFP Main Document for what is required in terms of site and interconnection status and documentation.

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Q&A ID #	Date Q&A Submitted	Website Response Posting Date	Interpreted Primary Q&A Topic	Question	PacifiCorp Response
201	7/14/2020	7/24/2020	Other	With regard to Bidder's Credit Information (Appendix D): 1) 1. c. What if a bidder doesn't have audited financial statements (only unaudited ones)? 2) 1. g. What kind of information is needed to demonstrate ability to provide the required security? Would you be looking for financial statements with enough cash or equity interest to cover the PPA security deposit? 3) Would you disqualify companies from participating in the RFP based on evaluation of Bidder's Credit Information or are Intent to Bid Forms just for informational purpose?	Unaudited financials are acceptable at the NOI stage for planning purposes but bidder may be asked to provide additional credit assurances documentation. Bidder should provide audited financials if not meeting the creditworthiness threshold in Appendix D. Financials should show the ability of the company providing credit support to finance the project as well as cover the security requirements. No, the NOI is for planning purposes however the bid submittal will have to meet bid requirements.
202	7/14/2020	7/24/2020	Other	Item 2b of Appendix D states that, "Bidder must provide to Company a letter to Company from the entity(ies) providing the credit assurances on behalf of the bidder executed by an authorized signatory and indicating their form of credit assurances it will provide." However, the same Appendix D, under Credit Requirements, goes on to state that a letter from an entity providing financial assurances confirming that it will provide financial assurance is required at bid submittal. Please clarify if these are two separate letters, or if it is the same letter. If the same letter, please confirm it must be submitted twice - with the Notice of Intent to Bid form and with the bid submission. Finally, please also confirm that the Form of Guaranty Commitment Letter in Appendix D satisfies one or both of these letter requirements.	Please see response to Q&A ID# 189. Yes, a letter at time of bid submittal is different and separate from the form of commitment letter, to which the latter can be satisfied with the Form of Guaranty Commitment Letter or the Form of Letter of Credit Commitment Letter, both in Appendix D.
203	7/14/2020	7/24/2020	Agreements / Contracting	For a standalone storage bid proposing a BTA structure, which tabs on Appendix C-2 must be completed? The table in Appendix C-1 seems to indicate tabs 1 and 10 would be required. If standalone storage is considered renewable, then the text of Appendix C-1 states tabs 1, 2, 6, and 10 are required, but if standalone storage is considered non-renewable, then tabs 1, 6, 7, 8, 9, and 10 are required. Please clarify.	For a standalone storage bid proposing a BTA structure, Tabs 1, 2, 4 and 6 in Appendix C-2 would need to be completed by the bidder. If there is additional information the bidder wishes to convey outside of that requested in Tabs 1, 2, 4 and 6, then Tab 10 could also be used.
204	7/14/2020	7/24/2020	Agreements / Contracting	For a standalone storage bid proposing a BSA structure, which tabs on Appendix C-2 must be completed? The table in Appendix C-1 seems to indicate that tab 1, 4, and 10 are required. However the tab also indicates that tab 3 would be required for a standalone storage PPA, which is not a permitted bid structure under the RFP. Please clarify.	For a standalone storage bid proposing a PPA/BSA/Toll structure, Tabs 1 and 4 in Appendix C-2 would need to be completed by the bidder. If there is additional information the bidder wishes to convey outside of that requested in Tabs 1 and 4, then Tab 10 could also be used.
205	7/14/2020	7/24/2020	Agreements / Contracting	BSA is not included as an option in the first field of Appendix C Tab 1. For standalone storage bids proposing a BSA structure, should we refer to the Type of Bid as a PPA in this field?	PacifiCorp considers a "toll" and BSA interchangeable specific to storage. However, PacifiCorp will permit an overwrite of cell F9 of Tab 1, Appendix C-2 if desired.
206	7/14/2020	7/24/2020	Agreements / Contracting	For a renewable plus storage PPA proposal, which tabs on Appendix C-2 must be completed? Is Tab 4 required, as implied in the Appendix C-1 table?	For a renewable plus storage bid PPA bid, Tabs 1 through 4 must be filled out.
207	7/14/2020	7/24/2020	Resource Types	I wanted to clarify a question that came up during the bidders webinar last week. At one point during the process, someone in the audience asked whether PacifiCorp would entertain 50/50 PPA/BTA proposals which were "contingent" upon one another - i.e. that both would have to be selected, if at all. Not just one or the other. I thought what I understood from the conversation that resulted was that PacifiCorp would not entertain proposals such as these, they would be considered non-conforming and that every proposal should be designed to stand on its own and not contingent on any other proposal.  However, as we're reading through the published Q&A's (specifically number 85) there appears to be a response that contradicts that. Please help us understand what PacifiCorp's position is on this matter.	To further clarify Q&A Response 85, all PPA, BTA or BSA bids will be treated as "individual" transactions, requiring individual financial analysis, contracts, site assessment and equipment layouts identifying resource estimates (by WTC, in a wind scenario), clear identification of land rights and boundaries unique to the specific bid, unique permitting and including avian and environmental reviews specific to the identified land rights and boundaries. No aspect of any bid can be contingent on requirements from another generating asset or another bid submitted into this 2020AS RFP solicitation. Any contingencies noted by PacifiCorp in any bid make that bid ineligible for consideration.
208	7/15/2020	7/24/2020	Agreements / Contracting	The RFP states that BTA bids must use the services of a single primary contractor, and that the contractor must meet credit criteria (which may include a requirement for a parental guarantee), as deemed acceptable to PacifiCorp in its sole discretion. Please clarify if bidder must identify the single primary contractor in its bid submission.	Bidder must identify the proposed single primary contractor in its bid(s).
209	7/15/2020	7/24/2020	Agreements / Contracting	Please clarify if requirements of solar production estimate identified in Appendix A - Technical Specifications apply to BTA bids only, or BTA and PPA Resource bids as well.	For production estimate data, please see Appendix C-2, and Appendix C-3 in the Umbrella Document, for both BTAs and PPAs.
210	7/15/2020	7/24/2020	Other	With regards to safe harboring, if a project is proposed to connect to the Gateway South transmission line and misses its COD solely due to a delay in the completion of Gateway South, does the bidder still bear the risk of missing the project's PTC/ITC COD deadline?	Please address your concerns as part of your edits to contractual terms when submitting comments (via issues list) and or redlines to the respective RFP pro forma agreements (whether for a BTA or a PPA).
211	7/15/2020	7/24/2020	Agreements / Contracting	The for O&M agreement included in the RFP documents appears to be a wind focused agreement. Will PacifiCorp be posting a separate agreement for solar and storage projects, or does PacifiCorp prefer that we modify the current one to conform to a solar and storage project?	Bidder is welcome to modify the PacifiCorp's proposed O&M agreement to be more representative of the appropriate generation technology and services to be provided.
212	7/15/2020	7/24/2020	Other	Please confirm that a printed "hardcopy" of the Intent to Bid due on July 20 is not required?  Please confirm that printed hardcopies of the bid submittal package due in August are also not required.	Correct, to both questions. Please see responses to Q&A ID#s 149 and 162.
213	7/15/2020	7/24/2020	Interconnection	We have been informed by PacifiCorp of Business Practice #84, which appears to have an impact on the RFP in that it needs to be submitted prior to August 10th and we understand will have a bearing on evaluation of our RFP proposal.  1. Are the studies a requirement for RFP submissions? 2. Can the studies be submitted after August 10th? 3. Which studies are truly required (e.g. the EMT study) for consideration of the RFP submission?	1. Business Practice #84 requires Interconnection Customers to submit certain modelling data as part of the Interconnection process. The Interconnection Customer is not required to submit EMT studies. 2. PacifiCorp Transmission is requesting the modeling data for projects that are currently in the Interconnection queue or have an executed LGIA be submitted by August 1, 2020. Doing so will mitigate the risk of late-stage, unexpected delays and/or Material Modification assessments in the Interconnection process. 3. The requirement for an EMT study for a cluster area will be determined based on the volume and electrical characteristics of interconnection requests in a cluster area and the electrical characteristics of a specific cluster area. As with all interconnection requirements, any system upgrades or control modifications identified in the interconnection study process will be a requirement of interconnection.

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Q&A ID #	Date Q&A Submitted	Website Response Posting Date	Interpreted Primary Q&A Topic	Question	PacifiCorp Response
214	7/15/2020	7/24/2020	Other	Regarding the bid submission requirements, does PacifiCorp need to receive the flash drives by the RFP deadline of 5:00pm Pacific Time on August 10th or does the package need to be post-marked by that date? The RFP clearly states that late bids will not be accepted but is it sufficient for PacifiCorp to receive bids via email by that time and have the flash drives arrive a day or two later?	All bid submittal documents are required to be delivered by 5:00pm Pacific Time on August 10th. Please see responses to Q&A IDs 149 and 162.
215	7/15/2020	7/24/2020	Resource Types	Can a solar + storage project submit a base bid that assumes a specific storage nameplate capacity and an alternative bid that assumes a different storage nameplate capacity or would this be considered a separate base bid? For example, assuming a base bid with a storage capacity at 25% of the solar capacity, would a bid with a storage capacity at 50% of the solar capacity be considered a separate base bid or an alternative bid?	Based on this example, as described, this would be a two base bids. Please see Table 3 in the RFP Main Document, and slide 32 from Bidder Workshop on July 9, 2020.
216	7/16/2020	7/24/2020	Resource Types	In the April version of the RFP the 25% non-bid price score had up to 2% for safe harbor equipment. The July RFP does not have any mention of it. Is any of the 25% associated with proof of safe harbor?	Please see Appendix L, item #3, the 5th section.
217	7/16/2020	7/24/2020	Other	Is a recording of the 7/9 workshop available?	No, a recording of the July 9th workshop is not available.
218	7/16/2020	7/24/2020	Agreements / Contracting	With respect to Appendix B-2, Section 5 - Pricing Proposal and Pro Forma Project Financing pg. 4 of the RFP_App_A-N_2020AS_RFP_Umbrella_Document_07_07_2020. For the proforma projections, please confirm: a. Bidders do not have to submit a fulsome financial model for each BTA bid submission b. Annual projections as an exhibit/graphic in the bid proposals are sufficient for PAC's review and analysis c. financial statements are to be prepared at the sponsor level (e.g. PAC's equity level) and not the project level d. Equity rate of return requested is PAC's projected equity return based on financing assumptions provided by the Bidder	Appendix C-2, tab 6, contains the inputs PacifiCorp requires in order to complete its initial shortlist respective of BTAs. PacifiCorp is also requesting a financial analysis supporting Appendix B-2, Section 5, and supporting the inputs provided in Appendix C-2, tab 6.
219	7/16/2020	7/24/2020	Agreements / Contracting	With respect to Appendix B-2, Section 5 - Pricing Proposal and Pro Forma Project Financing pg. 4 of the RFP_App_A-N_2020AS_RFP_Umbrella_Document_07_07_2020, how much granularity should be shown on the construction draw schedule? (e.g. Monthly? Quarterly? Annually?)	Monthly information will be deemed as adequate.
220	7/16/2020	7/24/2020	Agreements / Contracting	With respect to Appendix B-2, Section 5 - Pricing Proposal and Pro Forma Project Financing pg. 4 of the RFP_App_A-N_2020AS_RFP_Umbrella_Document_07_07_2020, how much granularity should the Bidder show in the OpEx section of the cash flow and income statements?	Monthly information will be deemed as adequate.
221	7/16/2020	7/24/2020	Agreements / Contracting	Our current understanding is that we will need to complete [Appendix D] sections 1 (Credit information for bidder) & 2 (Credit information for entity(ies) proving credit assurances on behalf of bidder) of the "Bidder's Credit Information" section and return that with the NOI and NDA on, or before, July 20th. Both sections are required by all bidders within that timeline, correct? I see it states "if applicable" in regard to the credit assurance entity(ies) info but I'm unclear of how we would determine that prior to submission of our credit information.	Appendix D (Section 1 and Section 2, as applicable) should be provided with the NOI on July 20th along with a partially executed NDA. If your company is going to use another company to provide credit assurances on your behalf (i.e., bank, parent company, etc.) we are looking for the credit information on that party.
222	7/16/2020	7/24/2020	Agreements / Contracting	With regard to the credit assurance letters, our obligation is to return one, or both, of the letters (Form of Guaranty Commitment Letter & Form of Letter of Credit Commitment Letter) when we submit our bid on, or before, August 10th. Is our understanding of that correct? We can select one of the letters and return that with our bid submission on, or before, August 10th?	For bid submittal, we are not requiring, but you may submit, as part of your bid package, the form of guaranty letter or letter of credit commitment in the amount of the credit support. Those will not be officially required until 20 business days after selection to the initial short list. However, we are asking that the bidder provide a letter from the party providing credit assurances that they will formally be the party providing such assurances. Also, please see response to Q&A ID# 202.
223	7/16/2020	7/24/2020	Other	In the event that a short-listed solar BTA bid is located immediately adjacent to an existing solar monitoring station (from an operational PV plant), can that station be used to fulfill the solar monitoring station requirement described on page 21, Section 8, "SOLAR"?	Yes. PacifiCorp will accept on-site solar irradiance data from an existing solar monitoring station from an existing operational PV so long as the bidder can validate the monitoring station is not shaded or impacted by the existing PV facility (via photography, etc.)
224	7/16/2020	7/24/2020	Resource Types	Following up on many of the PPA/BTA combo questions: say, for example a given project had a maximum size of 200MW and a bidder proposed two different base bids in its response – Base Bid A being a 200MW PPA and Base Bid B being a 200MW BTS. Would those bids be considered conforming? Or would those bids be considered "contingent" and as a result non-conforming because selecting Base Bid A is contingent upon not selecting Base Bid B (and vice versa)? If PacifiCorp's response is that the bids would be considered non-conforming because they are contingent upon one another, how does that response reconcile with the fact that bidders have the ability to submit alternative PPA term options for the same project (15 or 20 years, for example), which are contingent upon each other in the same way (i.e. PacifiCorp cannot select the same project for both a 15 and 20 year PPA).	As described, Project A as a 200 MW PPA would be considered conforming subject to meeting bid requirements. And Project B would also as a 200 MW BTA for the same physical asset be considered conforming subject to meeting bid requirements. However, a different contract structure for the same physical asset is considered a base bid for each contract structure. Bid alternatives (i.e., contract term of 15-year versus 20-year) are related to the same contract structure for the same physical asset.
225	7/16/2020	7/24/2020	Resource Types	For solar + storage bids, do security rates apply to the sum of PV kW and ESS kW?	If a storage asset is bid with a PV or wind facility, security calculations are based the installed capacity of both the PV/Wind facility and the installed capacity of the storage facility.
226	7/16/2020	7/24/2020	Agreements / Contracting	Will a solar + storage project need to fill out Tab 4 of Appendix C-2 – Bid Summary and Pricing Input Sheet or do only standalone storage projects need to complete that tab?	PacifiCorp requires Tab 4 of Appendix C-2 to be completed for ALL assets with storage facilities. This data is required to analyze economic benefit to be realized from the storage facility.
227	7/17/2020	7/24/2020	Agreements / Contracting	Looking at the bid pricing sheet and instructions in the umbrella document, it is confusing as to what is required for a PPA for renewables plus BESS. Are we required to fill out tabs 1, 2, 3, and 4? It is not clear if tab 4 is required since only the BSA structure has an X. See below from the umbrella document.	For a standalone storage bid proposing a PPA/BSA/Toll structure, Tabs 1 (base information), Tab 2 (8760 for underlying wind or solar facility), Tab 3 (pricing for underlying wind or solar facility) and Tab 4 (all battery costs and operating parameters) in Appendix C-2 would need to be completed by the bidder. If there is additional information the bidder wishes to convey outside of that requested in Tabs 1, 2, 3 and 4, then Tab 10 could also be used.
228	7/17/2020	7/24/2020	Resource Types	Would PacifiCorp be willing to consider a development transfer structure under the RFP, rather than a build-transfer?	No. Such a structure would be deemed as a "benchmark" type structure which PacifiCorp has represented it will not submit as part of the 2020AS RFP.



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229	7/17/2020	7/24/2020	Interconnection	There is no Appendix A-2: Interconnection Agreement on the RFP website or in the umbrella document. Does PacifiCorp simply want a copy of the project interconnection agreement if it currently exists?	There is no Appendix A-2. Please disregard this specific reference. If a bidder has an LGIA they may provide it but it is not a requirement for the bid submittal due date, but it will be required if project makes the initial shortlist.
230	7/20/2020	7/24/2020	Interconnection	Building on Q134 and Q176 previously submitted: a. If the Bidder submits one unique bid submission that has two interconnection capacity amounts (both have same POI) 100MW and 150MW, totally 250MW, is this able to be one PPA bid submission? b. If the Bidder submits one unique bid submission that has two interconnection capacity amounts (both have same POI) 200MW and 100MW, totally 300MW, is this able to be one BTA bid submission? c. If the Bidder submits one unique bid submission that has two interconnection capacity amounts at two different POIs, 100MW at POI #1 and 150MW at POI #2, totally 250MW, is this able to be one PPA bid submission? d. If the Bidder submits one unique bid submission that has two interconnection capacity amounts at two different POIs, 200MW at POI #1 and 100MW at POI #2, totally 300MW, is this able to be one BTA bid submission?	It is strongly recommended that you discuss the specifics of your interconnection with PacifiCorp Transmission to ensure that you are able to provide interconnection materials that demonstrate consistency with your bid(s) without risk of, for example, material modification determinations or failure to maintain commercial readiness for the entire project MW amount.  Assuming you coordinate with PacifiCorp Transmission and you can provide the requisite interconnection materials to support your bids, the RFP team suspects that for a) and b) the response is "yes", assuming the bid is under a single pro forma agreement (PPA or BTA, respectively), single selling entity, and single generating resource. For c) and d) the response is "no."
231	7/20/2020	7/24/2020	Agreements / Contracting	PTC / ITC Qualification Strategy: What evidence issued to PacifiCorp will be required to demonstrate the PTC qualification strategy? An executed PO or a tax opinion memo required?	PacifiCorp requests a detailed description of any tax credit qualification bidder is assuming (including safe harbor equipment support).
232	7/20/2020	7/24/2020	Interconnection	RFP_App_C-2_Bid_Summary_Pricing_Input_20200619: 1. Tab 1: field 26, for a unique PPA or BTA bid, can you have two Queue numbers for one bid? 2. Tab 1: field 28, for a unique PPA or BTA bid, can you have multiple POIs for one bid? 3. Tab 3: please confirm PPA pricing allows escalation at Bidder's discretion 4. Tab 10: with respect to additional data, is there a limited on the amount of data that can be submitted on this Excel sheet?	Reponses are provided by numbered questions. For both questions 1 and 2, please see responses to Q&A ID#s 99, 134, and 176. Additionally, question 3 response is "yes," and question 4 response is "no."
233	7/20/2020	7/24/2020	Agreements / Contracting	For our projects we intend to provide a letter of credit in the event that our projects execute PPAs. In order to provide a letter from our banks that they are willing to provide financial assurances in the "Form of Letter of Credit Commitment Letter", they would like to see the proposed Letter of Credit Form that PAC is considering. Is that something you can provide prior to bid submission?	Upon request from an entity that submitted an NOI, PacifiCorp can provide a form of letter of credit for review.
234	7/20/2020	7/24/2020	Agreements / Contracting	If we are providing bids for solar + BESS PPAs, would the \$200/kW development security and the \$100/kW operating security apply to only the solar MWac capacity or also the BESS MW capacity? For example, if we propose a 100 MWac solar project with 50 MW of BESS, is the security \$20mm (\$200/kW X 100 MWac solar) pre-COD or \$30mm (\$200/kW X 100 MWac solar X 50 MW BESS)	The security amounts would apply to the sum of solar MWac capacity plus storage capacity. In example provided, \$30 million would be required for development security.
235	7/20/2020	7/24/2020	Resource Types	We wanted to clarify if PacifiCorp may consider Pumped Heat Energy Storage (PHES) to qualify for the same assessment & lead times as Pumped Storage Hydro (PSH), given the similarities in their function & operating characteristics.	Please see response to Q&A ID# 128.
236	7/21/2020	7/30/2020	Interconnection	Consider a project that is connected to a jointly owned transmission facility, for which an owner other than PacifiCorp manages the interconnection queue. 1) Can the bidder submit a BTA bid under the RFP? 2) Will the bidder's valid interconnection request have to be included in the planned cluster study if included in the Initial Shortlist; and if it has to, will it?	Reponses are provided by numbered questions. For question #1 and #2, the response is "no", for both.
237	7/21/2020	7/30/2020	Agreements / Contracting	We are looking to understand how to price the PPA for the PV energy. We would like to know if the PV energy will be paid for as generated whether it was charged into the battery or released to the POI or if the all energy is measured at the point of interconnection. This is important to know as it affects the total energy that would be compensated under the PPA. Under the later scenario the losses attributed to the battery round trip would reduce the total exported energy and a higher PPA rate would be needed. If the energy lost due to the round trip of the battery cycling is not reduced from the energy output the PPA rate would be equivalent to what it would be as if the battery system was not co located. Please advise.	Please review the pro forma PPA (RFP_App E-2_Form of PPA_Resource plus BESS.DOCX ), Section 5.1.2. In short, PacifiCorp expects to pay for all energy measured at a designated POI/POD from the PV facility. The storage asset tied to the PV plant would receive revenues from PacifiCorp assuming a toll structure including defined O&M costs and losses. PacifiCorp requests dispatch rights to the storage asset and will account for all efficiencies and losses as provided by the bidder. Bidder will only be responsible for the contractual assumptions specific to the storage assets guaranteed performance.
238	7/21/2020	7/30/2020	Interconnection	Is there a difference between the definition of Commercial Readiness, for the purposes of the PAC 2020 All Sources RFP, and the Readiness Milestones included in ATTACHMENT W Process for Transitioning to "First-Ready, First-Served" Interconnection Queue Procedures? If so, would you please provide a definition of Commercial Readiness for the purposes of the PAC RFP.	No, there is no difference. Please see definition of Commercial Readiness in PacifiCorp Transmission's OATT.
239	7/21/2020	7/30/2020	Agreements / Contracting	Under the Resource Only PPA, will PacifiCorp act as the scheduling coordinator?	Please review the proforma PPA (RFP_App E-2_Form of PPA_Resource_Only.DOCX ), Sections 6.6.1 and 6.6.2.
240	7/21/2020	7/30/2020	Agreements / Contracting	Under the Resource Only PPA, what is the "Required Percentage" for wind and solar?	This value is intended to be negotiated after being selected to the initial shortlist.
241	7/21/2020	7/30/2020	Agreements / Contracting	In the BTA Term Sheet, please explain what the term "Firm Date" is intended to mean and where it fits chronologically in the chain of events under the proposed BTA?	The Firm Date and chronological schedule of events are assumed to be negotiated, but generally the chronology will occur in this order: 1) execution of contract, 2) Firm Date occurs by Outside Firm Date, and 3) Closing Date occurs by Outside Closing Date. Depending upon the circumstances, the Firm Date concept may not be required. If the Firm Date concept is included, then if the Firm Date conditions are not met by an agreed upon Outside Firm Date the parties may terminate the contract and/or exercise other agreed upon rights and remedies. If the Firm Date is achieved by the Outside Firm Date, then the parties proceed to closing, subject to closing conditions being satisfied by the Outside Closing Date.

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242	7/21/2020	7/30/2020	Agreements / Contracting	The following terms are used, but not defined in the BTA Term Sheet. Please define and explain the intended usage of each term in the BTA: a. Construction Completion Management Agreement b. Availability Completion c. ESS Availability Completion	These terms are commonly used in BTA or BTA related agreements. Upon selection to the initial shortlist it is expected that both parties would work to define those terms in the respective agreements. Generally, these terms serve the purposes described below:  a. Construction Completion Management Agreement  If title to the project transfers before the project is fully constructed/commissioned, this is the agreement by which the seller completes the project. If applicable, it will be negotiated before the BTA is executed.  b./c. Availability Completion & ESS Availability Completion  If these terms are used in the BTA, it is expected that they will be used in connection with determining when title will transfer and closing will occur. The specific conditions to achieving Availability Completion and ESS Availability Completion will be negotiated as part of the BTA and based on the specifics of the Project.
243	7/21/2020	7/30/2020	Agreements / Contracting	The BTA Term Sheet contains the statement that "FERC approval under Section 203 is not anticipated." Please explain how PacifiCorp proposes to structure and time the change in ownership from Seller to PacifiCorp under the BTA to avoid FERC jurisdiction.	As stated in the BTA term sheet, PacifiCorp does not anticipate FERC approval under Section 203 being needed. Ultimately, however, whether FERC approval under Section 203 is needed will be dependent upon the negotiated terms of the BTA.
244	7/21/2020	7/30/2020	Agreements / Contracting	Under the BTA, will PacifiCorp require Seller to use a specific form of agreement for construction, turbine supply, and/or turbine O&M? If so, when will PacifiCorp provide those pro forma agreements to bidders?	PacifiCorp will not provide a specific form of agreement for construction, turbine supply, and/or turbine O&M. However, it is PacifiCorp's expectation that the underlying specifications in these agreements will reflect PacifiCorp's specifications as stipulated in Appendices A and A-7 documents. These agreements (other than the turbine supply agreement) will be negotiated as part of BTA negotiations and agreed before BTA execution.
245	7/21/2020	7/30/2020	Agreements / Contracting	Under the BTA, please explain whether PacifiCorp intends to require the ability to review and approve certain project contracts before Seller executes those agreements? If so, which contracts and please explain the type and extent of review that PacifiCorp proposes to require before Seller may proceed to execute these agreements.	PacifiCorp will reserve the right to review any agreements between Seller and third-party entities such as equipment supply providers or service providers. We will not be approving any such types of agreements. Ultimately we will want to know who you choose to work with, and whether or not such provided equipment or service is in compliance with our specifications.
246	7/21/2020	7/30/2020	Agreements / Contracting	Under the BTA, is PacifiCorp willing to Close as of mechanical completion of the turbines and prior to synchronization with the grid?	Bidders of wind BTA Projects will be responsible for mechanical completion, turbine commissioning, and full synchronization of the Project to the grid. BTA Projects must be synchronized to the grid prior to Close. Details regarding the timing of progress payments and the transfer of ownership of individual turbines prior to Close should be included in the Initial Proposal and will be addressed in BTA contracts executed in 2021.
247	7/21/2020	7/30/2020	Agreements / Contracting	Under the BTA, will PacifiCorp accept assignment of the Turbine O&M Agreement at Closing?	Bidder's Initial Proposal should include the expected terms and conditions of the Turbine O&M Agreement and whether the Turbine O&M Agreement is optional or required as part of the Project. The final terms and conditions of the Turbine O&M Agreement will be included in the BTA contracts executed between PacifiCorp and successful bidders in 2021. PacifiCorp will consider an assignment of a required Turbine O&M Agreement at Closing for BTA projects, provided the Turbine O&M Agreement meets the terms and conditions in the Initial Proposal and the BTA contracts executed in 2021.
248	7/21/2020	7/30/2020	Agreements / Contracting	Under the BTA, will PacifiCorp accept a Turbine O&M Agreement with a Term longer than 5 years?	PacifiCorp is willing to evaluate BTA Turbine O&M Agreements that differ from the standards in RFP Appendix K. Only Turbine O&M Agreements direct with the original equipment manufacturer (OEM) will be considered for terms longer than five (5) years (3 year Initial Term with buyer option for two 1 year Extension Terms). Bidder must clearly disclose the Turbine O&M Agreement is non-conforming in their Initial Bids and provide all terms and conditions of the Agreement that would be needed to evaluate the Agreement and adjust the forecasted levelized cost of energy (LCOE) for the Project, including but not limited to the Agreement's: term, costs, performance guarantees, restitution for performance failures, coverage limits, and credit worthiness of the O&M provider.
249	7/21/2020	7/30/2020	Agreements / Contracting	Will PacifiCorp consider an O&M Scope of Work which deviates from the one stated under Appendix K?	PacifiCorp is willing to evaluate O&M Scopes of works within the Turbine O&M Agreements that differ from the standards in RFP Appendix K for BTA Projects. Bidder must clearly disclose the O&M Scope of Work within the Turbine O&M Agreement is non-conforming in their Initial Bids and provide all terms and conditions of the Agreement that would be needed to evaluate the Agreement and adjust the forecasted levelized cost of energy (LCOE) for the Project, including but not limited to the Agreement's: term, costs, performance guarantees, restitution for performance failures, coverage limits, and credit worthiness of the O&M provider.
250	7/21/2020	7/30/2020	Agreements / Contracting	Appendix C-2 request to price Substation O&M while the Substation is not part of the scope under the O&M Agreement. How shall we interpret this? Same for Facilities scope.	The RFP Appendix K - Operations and Maintenance Contract anticipates a typical O&M Agreement that covers the generation facilities of the Project. The expenses related to the O&M Agreement for the generation equipment should be input into Tab 6 of Appendix C-2 under the "Bidder O&M Costs, Facilities" lines. If a Bidder includes O&M agreements for the collector substation and interconnection line in their proposal, the terms and conditions of this agreement should be included in the initial bid and costs should be input into the "Bidder O&M Costs, Substation/Interconnection" lines within Tab 6 of Appendix C-2. O&M Agreements for the collector substation and interconnection line are not required and the dollar amount can be left at \$0 if the Bidder chooses not to include them in their proposal.
251	7/22/2020	7/30/2020	Resource Types	For PSH bids under a Tolling agreement. If the proposal offers different capacities (MW) from the same asset, are these considered separate base proposals or are they be considered alternatives to the base proposal?	Changes in bids specific to capacity (MW) constitute a base bid, not a bid alternative.
252	7/22/2020	7/30/2020	Resource Types	Can you please clarify the table in Appendix B-2. PSH project are listed in column D. However if a PSH is bid as a BTA, does column D or column E determine required Appendices.	If a PSH is bid as a BTA, then column E determine required Appendices.
253	7/22/2020	7/30/2020	Agreements / Contracting	For PSH bids under a BTA, is it required to offer a General Services Contract for O&M services per Appendix K?	Bidders are encouraged to provide an option for an O&M services contract for a period of up to five years, but bids are not required to offer such services agreement.

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Q&A ID #	Date Q&A Submitted	Website Response Posting Date	Interpreted Primary Q&A Topic	Question	PacifiCorp Response
254	7/22/2020	7/30/2020	Agreements / Contracting	Per Appendix B-2, Section 5, BTA bids are required to "provide pro forma financial projections showing cash flow, income statement, and balance sheet, application of tax credits, incentives or grants, sources and uses of funds, construction draw schedule, and all financing assumptions." Can you clarify that these requirements are only for the development and construction period, in which case the "application of tax credits" cannot be demonstrated (but evidence that they will be available to PacifiCorp as owner of the facility should be provided)?	Yes.
255	7/22/2020	7/30/2020	Agreements / Contracting	Can you please confirm that the bulleted items in Section 5 are intended to apply only to PPAs? Several of these "minimum" pro forma financial projections that are required, excerpted below, are not relevant to BTA proposals because they rely upon PacifiCorp's internal policies and assumptions. Examples include the "revenue" associated with a utility-owned asset, PacifiCorp's debt service associated with the asset, debt service coverage ratios, depreciation, insurance, taxes, net income and equity rate of return.	Yes.
256	7/23/2020	7/30/2020	Other	The RFP states that Site Control excludes rights-of-way for interconnection and transmission, however, Field ID 21 under Tab 1 Data Inputs of Appendix C-1 requires bidder to input whether an interconnection right-of-way is under option or secured. Given that site control is not required for transmission right-of-way, how does PacifiCorp want bidders to complete Field ID 21 if the land is not secured/under option? This is a required field so it cannot be left blank.	If Rights-of-Way for interconnection or transmission is not secured at time of bid submittal, Field ID 21 under Tab 1 Data Inputs of Appendix C-1 may be left unanswered when submitting bid.
257	7/23/2020	7/30/2020	Agreements / Contracting	Please confirm that the completion of Network Upgrade Costs under Tab 6 BTA Pricing Schedule of Exhibit C-2 will not be required at this time if the project proposes to interconnect directly into PacifiCorp's transmission system.	Correct, for the project as briefly described the Network Upgrade Costs will not be required by the bid due date of August 10, 2020.
258	7/24/2020	7/30/2020	Agreements / Contracting	Regarding Appendix A-9 Product Data Equipment Supply Matrix: the Transformer and Switchgear tab refers to the collector MV transformer and switchgear. We will fill out the datasheet based on the assumption that PacifiCorp is interested in knowing equipment specs for the PV plant (in other words, it's not asking for the substation main transformer and switchgear). Please confirm our understanding is correct. Additionally, if the mfr/model of the MV transformer and switchgear change later, would it trigger a material modification that would need to be approved by PacifiCorp?	PacifiCorp is interested in all of the equipment that will be used to generate electricity and deliver it to the interconnection point. Please provide information on all sizes of transformers and switchgear that will be used in the project. A material modification could be triggered if any equipment submitted by the Bidder in their Initial Proposal is replaced with equipment that has not been preapproved by PacifiCorp. For any questions related to material modification of interconnection equipment, as that term is used in PacifiCorp Transmission OATT, those should be discussed with PacifiCorp Transmission.
259	7/24/2020	7/30/2020	Agreements / Contracting	Regarding Appendix A-6 Division of Responsibilities: We seek clarification whether we need to fill out the EPC tab. It seems like whatever is no pre-filled with PacifiCorp is going to be our EPC. As per Umbrella document, instead of filling out this sheet, it seems like we can provide a narrative describing conformance to this appendix (along with appendices A-7 and A-10). Please confirm.	Please provide the agreed to form, as requested.
260	7/24/2020	7/30/2020	Agreements / Contracting	The table in Appendix C-1 (Bid Summary and Pricing Input Sheet instructions) indicates that Tab 4 Battery Pricing & Ops of Appendix C-2 needs to be completed under BSA-only bid. Can PacifiCorp clarify if Tab 4 is also required for a PPA plus BESS bid submission? The PPA+BESS structure is not listed in the table under Structure, yet there is a specific form of PPA for it under App E.	Tab 4 should be filled out for any bids including storage.
261	7/24/2020	7/30/2020	Other	Is there any updates on the extension for interconnection applications for the RFP submittals?	No updates as of the date of this response.
262	7/24/2020	7/30/2020	Agreements / Contracting	Is the Form of Guaranty Commitment Letter that is required to be submitted 20 days after being selected to the shortlist binding? For example, can we decide to change the entity providing the guaranty at a later date or decide to post a letter of credit instead of a guaranty at a later date?	PacifiCorp will allow for a change of entity providing the guaranty as long as that entity and the new guaranty, or alternatively a letter of credit, meets the credit requirements as specified in the RFP and is ultimately approved by PacifiCorp.
263	7/28/2020	7/30/2020	Other	Thank you for the adjustments to the requirements for hard copies on the submittal process. With continued issues associated with COVID 19, we are seeing continued issues from FedEx, UPS, and USPS regarding with delivery timelines. We are anticipating submitting our responses on Friday, August 7th for delivery on Monday August 10th. Would PAC please allow for incidental delays in deliveries, provided that with the digital submissions, respondents provide delivery initiation and tracking receipts which indicate anticipated delivery by August 10th?	If the bidder can show they clearly made arrangements, as the question describes, unforeseen circumstances outside of bidder's control would be considered in consultation with the IEs, on a case by case basis.
264	7/28/2020	7/30/2020	Other	Will PacifiCorp accept redlines to the Form of Guaranty Commitment Letter?	PacifiCorp will review and consider any redlines to the Form of Guaranty Commitment Letter. Please provide those suggested redlines when submitting your bid.
265	7/28/2020	7/30/2020	Agreements / Contracting	When submitting a solar + storage project, how should we submit pricing that includes both augmentation and non-augmentation? Tab 3 of Appendix C-2 Bid Summary and Pricing Input Sheet has only 1 pricing input so should we submit an additional Appendix C-2? For example, would the option with augmentation be considered bid number "1.0" and the scenario without augmentation be bid number "1.1"?	For this case as described please provide a separate Appendix C-2, for both the augmented and non-augmented bids. A separate bid fee will not be applied in this case of providing a separate Appendix C-2.