PUBLIC SERVICE COMMISSION OF UTAH

Docket No. 22-035-03

TECHNICAL CONFERENCE

January 31, 2022

ADVANCED REPORTING SOLUTIONS

801-746-5080 | office@advancedrep.com | advancedrep.com SALT LAKE | 159 West Broadway, Broadway Lofts, Suite 100 | Salt Lake City, Utah 84101 PROVO | 3507 North University Avenue, Suite 350-D | Provo, Utah 84604 ST. GEORGE | 20 North Main Street, Suite 301 | St. George, Utah 84770



Technical Conference January 31, 2022

1	BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH
2	-000-
3	
4	Application of Rocky)
5	Mountain Power for Waiver of) the Requirement for)
6	Preapproval of Significant) Energy Resource Acquisitions)
7) Docket No. 22-035-03)
8	
9	
10	
11	VIDEOCONFERENCED TECHNICAL CONFERENCE TAKEN THROUGH
12	ADVANCED REPORTING SOLUTIONS VIA GOOGLE MEET
13	Taken on January 31, 2022
14	3:00 p.m. to 3:45 p.m.
15	
16	
17	
18	
19	
20	Reported by: Michelle Mallonee, RPR, CCR
21	
22	
23	
24	
25	

```
1
                            APPEARANCES
                  Samuel Johnston, Public Service Commission
 2
    FACILITATOR:
 3
    For PacifiCorp:
 4
             JANA SABA, ESQ.
             PACIFICORP
 5
             1407 West North Temple, Suite 320
             Salt Lake City, Utah 84116
             (801) 220-4526
 6
             jana.saba@pacificorp.com
 7
    For the Division of Public Utilities:
 8
 9
             JUSTIN JETTER, ESQ.
             UTAH ATTORNEY GENERAL'S OFFICE
10
             160 East 300 South, 5th Floor
             Salt Lake City, Utah 84114
11
             (801) 366-0353
             jjetter@agutah.gov
12
13
    For Interwest Energy Alliance:
14
             LISA T. HICKEY, ESO.
             TORMOEN HICKEY LLC
15
             3225 Templeton Gap Road, Suite 217
             Colorado Springs, Colorado 80907
             (719) 302-2142
16
             lisahickey@newlawgroup.com
17
    OTHER PARTICIPANTS:
18
19
    Joelle Steward, PacifiCorp
2.0
    Shayleah LaBray, PacifiCorp
21
    Artie Powell, Division of Public Utilities
22
    Bela Vastag, Division of Public Utilities
23
    David Williams, Division of Public Utilities
    Wayne Oliver, Merrimack Energy Group, Inc.
24
25
```

1	PROCEEDINGS		
2	-000-		
3	MR. JOHNSTON: Good afternoon, everyone. It is		
4	3:00 p.m. Mountain Time on January 31st, 2022. This is		
5	the noticed time for the virtual technical conference in		
6	PSC Docket 22-035-03, Application of Rocky Mountain Power		
7	for Waiver of the Requirement for Preapproval of		
8	Significant Energy Resource Acquisitions.		
9	I am Sam Johnston. I am the PSC's facilitator		
10	for this virtual technical conference. And I just wanted		
11	to remind everyone that we do have a court reporter, so		
12	when you begin speaking, if you could introduce yourself,		
13	that would be helpful.		
14	And then with that, I'll turn the time over to		
15	Rocky Mountain Power. Thank you.		
16	MS. SABA: Thank you.		
17	Good afternoon, everybody. We appreciate your		
18	participation in today's meeting. I think most of you		
19	know me. I'm Jana Saba for Rocky Mountain Power.		
20	With me today on the call is Joelle Steward and		
21	Shay LaBray, who will be presenting today. But we also		
22	have on the call additional members of our IRP, RFP, and		
23	legal teams who will be available to answer questions, if		
24	needed.		
25	To start off, Joelle and Shay will present a		

1 short slide deck that's posted to the Commission's 2 website in the docket that just provides a very brief overview of our waiver request. It shouldn't take too 3 4 long, and then we'll have plenty of time for discussion 5 and questions that parties want to have. With that, I'll turn the time over to Joelle to 6 start the slides. And I'm actually going to share my 7 8 screen, so just give me a minute. MS. STEWARD: While she's doing that, I just 9 10 want to make sure you can hear me, Jana. I can see you. 11 MS. SABA: I can hear you. 12 MS. STEWARD: Okay. 13 And you can see -- I'm glad people MS. SABA: 14 can hear me because I just said a lot of stuff if nobody 15 heard that. 16 Just give me a minute. I closed out of them. 17 Sorry. I think I've got to open a different 18 browser. Just give me a minute. I'm sorry, I'm having 19 trouble here. Okay. 20 MS. STEWARD: I'll just start talking. MS. SABA: Yeah, I'm sorry. 2.1 22 MS. STEWARD: It's okay. 23 I'm Joelle Steward, senior vice president at 24 PacifiCorp. So --25 (Court reporter interruption.)

So and then there's -- there's 1 MS. STEWARD: 2 Shay. Okay. 3 So Shay LaBray and myself, we were the witnesses 4 in our application that we filed. Just to kind of kick 5 it off, go to the, just the next slide, Jana. 6 MS. SABA: I'm here. Hold on. All right. Off and running. 7 All right. So what we're going to 8 MS. STEWARD: talk about is just sort of an overview of what the 9 10 significant resources are and then the reason we're 11 requesting a waiver. 12 So first, just to start, the definition of a 13 Significant Energy Resource. So under the Energy 14 Resource Procurement Act, which is Chapter 17 of the statutes, a Significant Energy Resource is a resource 15 16 that is over 100 megawatts or more or has a dependable 17 life of ten years or more. However, for a renewable 18 resource, it's for resources over 300 megawatts. 19 Shay is going to walk through our process of how 20 we went through the solicitation process and how we have 21 chosen a shortlist of resources, of which five of those 22 qualify under this definition of a "Significant Energy 23 Resource." So Jana, next slide, please. 24 So on January 24th, we filed this application 25 for a waiver of that approval process. So the

```
1
    Significant Energy Resource process in the statute is for
 2
    essentially preapproval of the resources. And what we're
 3
    seeking here is a waiver of that preapproval. I'm going
 4
    to come back at the end and talk about sort of the
    rationale and why we're seeking an approval as well as
 5
 6
    sort of cover why we're filing it at this time.
             But as you can see here, the comments are due
 7
    February 7th. The process is laid out in the statute and
 8
 9
    the rules with very tight timelines that the Commission
10
    and the Utility and the Stakeholders have to follow to
11
    determine whether or not we get a waiver. And then if we
12
    are not granted that waiver, then we have to do a full
13
    preapproval process, which is about 120 days.
14
             So comments will be due on the 7th.
15
    believe a decision is then expected by the 14th.
                                                       I'm
16
    looking at Jana for validation. Yeah, okay.
17
             So these are the five resources that actually
18
    trigger a Significant Energy Resource -- that are a
19
    Significant Energy Resource.
20
             Shay, do you want to touch on these?
             MS. LABRAY:
21
                          Sure.
22
             Good afternoon, everyone. My name is Shay
23
    LaBray with PacifiCorp, vice president of resource
24
    planning and acquisition.
             As Joelle noted, there's five resources here
25
```

where we're requesting the waiver of significant energy 1 2 resource approval. We had 19 projects total in our final 3 shortlist. Of these five projects, we have three that 4 are wind in eastern Wyoming, and one that is solar with storage, and one that is something new for us, a 5 6 standalone battery, and both of those are located in 7 Utah. So starting with the top, Boswell Springs, a 8 9 wind facility, it's a power purchase agreement 10 arrangement and up to 320 megawatts with a term life of 11 30 years. That has a commercial operation date of 12 October 1st, 2024, and is located in eastern Wyoming; 13 along with Cedar Springs IV, a wind project as well, 14 power purchase agreement, up to 350 megawatts, and a term 15 life of 30 years with a commercial operation date of 16 December 1st, 2024. 17 Dominguez I is a standalone battery, 200 That would be under a battery storage 18 19 agreement with a term life of 15 years and a commercial 20 operation date of June 30th, 2024. And that's located in 21 Northern Utah. 22 Green River I and II is a Solar combined with 23 storage project located in southern Utah. It's in the form of a power purchase agreement, 400 megawatts, a 24 25 20-year term life, and a commercial operation date of

12/31/2024.

And Rock Creek II, a wind project in eastern
Wyoming, a build-transfer agreement of 400 megawatts with
a 30-year term life and a commercial operation date of
December 31st, 2024.

Again, all of these projects were part of the final shortlist in the 2020 All Source RFP approved by the Commission. These are the projects or the subset of projects that meet the requirements that Joelle spoke to in terms of the Significant Energy Resource waiver approval process.

So just kind of going a bit back in time here, just an overview and timeline to, hopefully, help kind of refresh and orient on work that has been done, starting back in 2018 with the development cycle of the 2019 IRP to today. The 2019 IRP was filed in October of 2019, and it identified a need to solicit bids for up to 6,000 megawatts of renewable and nonrenewable resources plus approximately 600 megawatts of battery storage capable of delivering energy and capacity to PacifiCorp systems for service on or before December 31st, 2023.

In the 2019 IRP, PacifiCorp used ABB models, so we used a system optimizer, "SO," which was our capacity expansion optimization portfolio development model and planning and risk model, our hourly dispatch, or a "PaR"

model, to conduct extensive studies of various future resource portfolios, each with unique type, timing, size, and location of proxy resources in addition to movement among existing resources in terms of their timing coming off the system.

Research portfolios were studied under a variety of price policies scenarios in the 2019 IRP, including low gas, no carbon; medium gas, medium carbon price; high gas, high carbon price; and a social cost of carbon to evaluate the liability and performance and identify the least-cost/least-risk preferred portfolio.

Following in the 2019 IRP, we filed a notice of intent for approval of the solicitation process pursuant to the Energy Procurement Act and based on those action items from the 2019 IRP, with modification that bids would be accepted with commercial operation dates at the end of 2024 to allow for the extended TTC eligibility that passed during that time.

The RFP was All Source, and by nature designed to solicit proposals from renewable resources, renewable energy, combined with battery energy storage projects; nonrenewable, including gas-fired generation -- although I would note we didn't receive any gas-fired bids -- standalone battery storage projects, and pumped storage hydro projects.

Allowable bid structures included PPA, BTA, BSA agreements. The RFP was open to new and existing resources as well with a minimum of 5 to 20 megawatts so long as they can meet certain requirements and resources needed to be capable of interconnecting with or delivering to our transmission system in our east or west balancing areas.

There are a number of minimum eligibility requirements that bidders would have had to meet in order to be eligible to proceed in the evaluation process. We reserve the right to deem proposals nonconforming and eliminate the proposal from further consideration if it didn't comply with the requirements. And we received an extensive and diverse response from the market, total capacity over five times what was originally sought for with the RFP.

The Commission approved the 2020 All Source RFP in July of 2020 and Merrimack, the independent evaluator in Utah. The Oregon Commission also hired an independent evaluator in Oregon to oversee the process and review the evaluation of all proposals.

Throughout the development and implementation of the RFP process, PacifiCorp engaged bidders, stakeholders on numerous occasions and, per Merrimack, the IE stated that we maintained a very open, transparent process,

1 which included presentations and workshops with bidders, 2 bidder conferences, a very active Q&A process, and a 3 formal comment process during the development of the RFP. 4 In terms of evaluation approach at a high level, the Company utilized a three-phase process, including 5 6 reflecting PacifiCorp transmissions, interconnection 7 queue reform. The three phases included first an initial bid 8 9 stage as the basis for selecting the initial shortlist of 10 bids, and those bids in the initial shortlist would be 11 eligible for the transmission cluster study process. 12 The second part was the interconnection cluster 13 study and contract development process. 14 And then third, a final shortlist selection 15 based on including best and final offers and evaluating 16 through our modeling with the SO and PaR models. 17 The system value curves were developed from our 18 PaR model simulations, and those calculated the hourly 19 marginal system energy value of a flat energy profile and 20 the hourly marginal operating reserve value of the flat 21 operating reserve profile by location and under a number 22 of price policy scenarios, including some additional 23 sensitivities pursuant to Oregon staff requests. 24 The resulting analysis produced the final

shortlist of 19 projects, producing substantial benefits

25

for customers while managing risk in a reliable
portfolio, inclusive of the five projects for which we
are seeking the Significant Energy Resource waiver.

I would note that we included work papers with the filing that detail the results of the final shortlist evaluation, modeling process, and -- resulting in both, there's a confidential work paper folder and a highly-confidential work paper folder as part of this filing.

The Commission approved the final shortlist and concluded that the 2020 All Source RFP met the requirements of the solicitation approval requirement under the Act.

Parallel with the approval process, PacifiCorp was also in the process of finalizing development of our 2021 RFP, which we filed on September 1st of 2021. Of note and I think worth mentioning is that, while the final shortlist from the 2020 All Source RFP was included as existing projects through 2024 and the modeling assumptions, we evaluated a variant of the top-performing portfolio in the 2021 IRP that essentially removed the final shortlist resources, including the associated transmission, and identified that it was over a billion dollars higher cost to customers without the RFP resources, along with increased market reliance, higher

```
emissions, in addition to higher portfolio costs, further
 1
 2
    validating the customer benefits of these projects and
 3
    the outcomes of the 2020 All Source RFP.
 4
             I'm going to pause there. That was a lot, but
    essentially just really an overview of kind of where
 5
    we've been with these projects and the context and kind
 6
 7
    of where we are today.
             Are there any questions? Do you want to pause
 8
    for questions, or can I keep going through the next slide
 9
10
    then open it up? What's the preference?
11
                           Yeah, maybe we just cover the next
             MS. STEWARD:
12
    slide, and then we can completely open it up.
13
             MS. LABRAY:
                          Okay.
14
             Back to you, Joelle.
15
             MS. STEWARD: All right. "Public Interest
16
    Considerations." Why are we filing this application for
17
    a waiver, and particularly, why are we filing it now
18
    towards the end of January?
19
             We've known the final shortlist for a period of
20
    time.
           We've known these five resources trigger the
21
    Significant Energy Resource decision part of the law.
22
    But frankly, we held off on filing anything to take the
23
    next steps because so much was still in play,
24
    particularly at Congress with the Build Back Better, the
25
    infrastructure bill. We were -- and the infrastructure
```

1 bill. The infrastructure bill in Congress, obviously, 2 has already passed, but the Build Back Better bill, we 3 were actually anticipating that that had a good chance of 4 passing. We didn't want to make a filing and then have to 5 6 redo our economic analysis in the middle of that filing. However, we do think everything that's in the Build Back 7 Better bill, which has tax incentives for both the 8 9 resources and for solar wind as well as transmission, 10 will only improve the economics of what is the outcome of 11 our current RFP. So that was not our concern. But the 12 fact that we would have to redo those economics for that 13 prudence decision and that -- the specific approval 14 process that comes with the Significant Energy Resource. Many people on this call, including myself, we 15 16 lived through this process with Energy Vision 2020 filing 17 back in 2017. We made the filing, and then through 2018, 18 that process, we had a lot of different iterations as 19 things changed through the process, including a change in 20 the tax code. 21 We were very mindful. We've gotten a lot of 22 feedback from parties that that process was a struggle. 23 It was a struggle for us. We recognize it was a struggle for stakeholders. We were hoping to avoid that kind of, 24

you know, a bit of a chaotic process and wait until Build

25

1 Back Better passed and then seek our next steps in the 2 filing. 3 With Build Back Better kind of on hold, 4 although, you know, we still believe some of the incentives -- what we're hearing, you know, is that some 5 6 of the incentives that were part of Build Back Better may still continue on -- we decided we couldn't wait any 7 longer, and we needed to take action. But we do think 8 some of those incentives -- and we kind of expect to see 9 10 Congress potentially move on pieces of Build Back Better 11 going forward. We decided to file for a waiver. 12 Part 5 of the Significant Energy Resource 13 decision, or the Energy Resource Procurement Act, 14 outlines this process for a waiver of requirement for solicitation or approval. Obviously, we're not seeking a 15 16 waiver of the solicitation piece, only for the approval 17 piece for the outcome -- for the resources that are an 18 outcome of the solicitation. 19 It sets out three different reasons. One is a 20 clear emergency. One is a time-limited commercial or 21 technical opportunity. And then C is any other factor 22 that makes waiving the requirement in the public 23 interest. 24 This is -- we are not claiming that this is a

clear emergency. This is also not a time-limited

25

commercial or a technical opportunity. This is -- really 1 2 what we're looking at is for another factor. We don't 3 want this process where we're going to have to reevaluate 4 things again potentially. We are willing to assume that 5 risk for prudence and cost recovery in a future rate And this process was, you know, pretty clean, 6 where we followed the solicitation process with oversight 7 from the IE, and we've evaluated these resources through 8 9 two IRPs. 10 You know, I think all of it together is why 11 we're asking for a waiver. We know people have a lot on 12 their plates at the moment, and I think workload-wise as 13 well, as -- you know, we thought this was an opportunity to get a waiver. This does not mean that we think any of 14 these one items is, on its own, enough. I think it's a 15 16 combination of multiple factors because in the future, I 17 don't know that we would be seeking a waiver, but for the circumstances we have right now, that is really why we're 18 19 seeking a waiver of the Significant Energy Resource. 20 I think that's -- that's it. 21 And then the next slide is just where you can 22 find information on the RFP and the IRPs. 23 So I think with that, we are available for 24 questions. 25 MR. POWELL: Yeah, Jana, this is Artie.

1 have a couple of questions. Let me start off with this 2 question. 3 I think that Joelle mentioned that there were 19 4 projects on the shortlist, and these five trigger the 5 preapproval. 6 Is the Company planning on pursuing all 19 7 projects? MS. LABRAY: Hey Joelle, this is Shay. I can 8 take that one if you'd like. 9 10 The answer is yes, we are actively pursuing all 11 of those projects at this time. 12 MR. POWELL: So then in the next rate case, it 13 wouldn't be just the five projects, it would basically be 14 19 projects that would be reviewed plus whatever else 15 comes up in the rate case? 16 I see Joelle shaking her head. 17 MS. STEWARD: Yeah. And, you know, they are still in negotiations for all of those. But those are 18 19 the ones that are currently on the shortlist that are 20 being worked through. 21 MR. POWELL: Okay. And then just kind of a 22 follow-on question with that. 23 Can you kind of lay out the cost recovery timing 24 for the preapproval, if we were to do these five projects 25 on a preapproval, versus a rate case? And I know that

1 you're going to have to take a guess at when the next rate case would be filed. But just kind of compare those 3 two timelines, if you would. 4 MS. STEWARD: I guess, Artie, I'm not sure I'm 5 following the difference on the cost recovery, because the cost recovery will occur on pretty much on the same 6 timeline so -- if we go through preapproval. 7 Yeah, I just don't -- you know, and 8 MR. POWELL: I could have answered this by looking up the statute. 9 10 What's the timeline on the preapproval? 11 MS. STEWARD: Oh, the preapproval process itself 12 is about 120 days. 13 MR. POWELL: Okay. And so that -- assuming that 14 they were approved, then sometime in the middle of the year, you would start collecting -- or no, that's --15 16 MS. STEWARD: Yeah. Not until they're actually in service, yeah. 17 In service. And so that's the 18 MR. POWELL: 19 That's what I was thinking earlier today when I 20 was thinking about that. Even though we would be through 2.1 with the process, collection wouldn't actually start 22 until they were in service? 23 MS. STEWARD: Right. 24 MR. POWELL: So that 2024 recovery, as some of 25 these are in the middle of the year and some are at the

```
1
    end of the year, so let's just say 2025, January 1st,
 2
    then how would that line up with the rate case?
 3
             Is there any really any difference that you can
 4
    see in terms of the timing of the recovery?
                           No. No. I mean, these -- these
 5
             MS. STEWARD:
    resources -- and bear in mind, most of these,
 6
    particularly on the Significant Energy Resource, these
 7
    five, all but one, and -- oh, two, the battery, the BSA,
 8
 9
    and the Rock Creek II, those are bill transfer
10
                 The others are PPAs, so those you'll see
    agreements.
11
    through the EBA.
12
             Then for the owned resources, those would be,
13
    then, through the rate case.
14
             And I think most folks know that several of
    these resources, or several of those on the shortlist are
15
16
    associated with new transmission, which is in a separate
17
    proceeding for Gateway South as well as we have -- which
    is not a proceeding in Utah -- for Gateway West, Segment
18
19
         So that transmission investment is also -- is
20
    required for these resources or for some of the resources
21
    on the shortlist. And so that would also go into service
22
              So that's really, all together, those new
    in 2024.
23
    investments are -- will drive a need for a new rate case
24
    with that timeline to get those into rates at the end of
25
    2024.
```

1 MR. POWELL: Okay. 2 And I just wanted to clarify when I MS. LABRAY: 3 was speaking to 19 projects, which as Joelle mentioned we 4 are actively in discussions with those, but that was the number of the final shortlist at the time that was 5 6 approved. We did have one project drop out since that 7 So even in the 2021 IRP analyses, we were able to time. 8 9 update for that and reflect that change in the final 10 shortlist. So we're currently at 18, but just wanted to 11 clarify that reference. 12 MR. POWELL: Okay. Thanks. 13 MS. STEWARD: Looks like Michele has got her 14 hand up. 15 MS. BECK: Yeah. My question is actually a very 16 slight tangent. Could you also -- and I know I could look this 17 up, but it would take me a while to find it -- tell us --18 19 remind us -- so there's the 19, one has dropped out, 20 that's 18. Five are at issue here with the waiver, and 21 that leaves 13. 22 Out of those 13, do you have a -- do you happen 23 to have at hand the data in terms of how many of those 24 are PPAs versus BTAs? 25 MS. LABRAY: Ron, you might have that more handy

```
1
    to clarify if you want to jump in, in terms of the, just
 2
    the construct of the remaining bids.
 3
             MS. STEWARD:
                           Ron, or if Tom's on?
 4
             MS. LABRAY:
                          Yeah.
 5
             MS. STEWARD: Yeah, because I think they're
 6
    all --
 7
                             Yeah, this is Tom Woodworth.
             MR. WOODWORTH:
                          I think they're all BTA and PPAs.
 8
             MS. LABRAY:
                             That's right. That's right,
 9
             MR. WOODWORTH:
10
           This is Tom Woodworth with PacifiCorp legal.
    Shay.
11
             Of the 18 projects that we are remaining in
12
    negotiations with on the 2020 final shortlist, all of
13
    them are PPAs with the exception of the Rock Creek I and
14
    II projects, which are BTAs, and the battery-only
    project, which is technically called an "Energy Storage"
15
16
    Agreement/Battery Storage Agreement." It's very similar
17
    to a PPA.
18
             So essentially, all of them are PPAs, with the
19
    exception of those two BTA projects, both from the same
20
    developer.
21
                        Okay. Thank you for reminding me of
             MS. BECK:
22
           I remember it from the shortlist, but it didn't
    that.
23
    stick in my head.
24
             MR. WOODWORTH: Of course, no problem.
25
             MS. SABA:
                        Looks like we've got a question from
```

```
1
    Lisa next.
 2
             MS. STEWARD:
                           Hi, Lisa.
 3
             MS. HICKEY: Hi, there. Thank you.
 4
    wondering -- Lisa Hickey representing the Interwest
    Energy Alliance.
 5
 6
             Do you have a deadline for when your
    negotiations, your remaining open negotiations, will be
 7
    completed, or is there a likely conclusion to those?
 8
             MS. LABRAY: We don't have a hard-and-fast
 9
10
    deadline. I mean, we are actively working through those
    negotiations. Given the different construct of the
11
12
    agreement, you know, types, particularly the standalone
13
    battery, the battery storage agreement, that's something
14
    new -- new for us operationally in terms of the size and
    that type of agreement. So we're working through that,
15
16
    along with terms in the BTA, I think, you know, tend to
17
    be complex. And so those are also ongoing in addition to
18
    progress on the PPAs.
19
                          Thank you.
             MS. HICKEY:
20
             MS. SABA: Looks like Justin Jetter has a
21
    question.
22
             MR. JETTER: I don't think I've heard this
23
    covered, so hopefully this isn't a duplicate question.
24
             But with respect to the PPA/BTA options, are
25
    those still being negotiated on those projects, or are
```

1	those pretty well fixed at this point that they will be		
2	whatever they're, sort of, assigned in your presentation?		
3	MS. LABRAY: Yeah. And again, I mean Tom, Ron,		
4	feel free to jump in.		
5	But yes, at this time, those are the agreement		
6	structures that we're pursuing with those projects. And		
7	a lot of those projects that bid in through the 2020 All		
8	Source RFP, you know, several even bid in under a BTA		
9	construct or under a PPA construct as well. And all of		
10	those various options were evaluated within the modeling		
11	and analyses process.		
12	So the outcome, you know, of these the final		
13	shortlists in these projects also included the contract		
14	structure for those projects.		
15	Tom or Ron, anything else you'd want to add on		
16	that front?		
17	MR. WOODWORTH: This is Tom Woodworth again with		
18	PacifiCorp legal.		
19	No, Shay, I think you nailed it.		
20	MR. JETTER: Thank you.		
21	MS. SABA: Looks like Bela has got his hand up.		
22	MR. VASTAG: Yeah, you mentioned Gateway West a		
23	few minutes ago, and I think you said it was going to be		
24	in service the same time as Gateway South; is that		
25	correct?		

```
1
                           In my mind, yes. I don't -- I
             MS. STEWARD:
 2
    haven't distinguished the timeline difference.
 3
    think, were towards the end of 2024. There may be a few
 4
    months difference that I don't remember.
 5
             MR. VASTAG:
                          I quess what I'm trying to get at
    is so then Gateway South, Gateway West, and these 18
 6
   projects would be under review in the next rate case all
 7
    at the same time?
 8
 9
             MS. STEWARD: Or a rate case at that timeline,
10
    yes.
11
             MR. VASTAG:
                          Right. Okay.
                                         Okay.
12
             Yeah, thank you.
13
             MS. STEWARD: Yeah.
             MS. SABA: Dave Williams.
14
             MR. WILLIAMS: Hi. Dave Williams with the Utah
15
16
    Division. Just a follow-up to Justin's question.
17
             I think you said that right now, you're pursuing
    those contracts, you know, in the format in which they're
18
19
    indicated, PPA versus BTA. But if some legislation did
20
    pass in, you know, this year, is there the possibility
21
    that any of those might switch from a PPA to a BTA?
22
                          I mean, I couldn't say that that
             MS. LABRAY:
23
    would necessarily occur, both in terms of potential
24
    legislation passing and it affecting the structure of
25
    these agreements. These are what we're pursuing.
```

1 You know, at the end of last year with the Build 2 Back Better Act on the table, you know, we did send a 3 note out to bidders, you know, acknowledging that and, if 4 that passed, what that might look like. However, since 5 that has, you know, ended essentially, you know, until it comes in some other form -- but since it's ended, we're 6 not aware right now of any other potential legislation 7 that might occur, particularly in the near term. 8 9 MR. WILLIAMS: Okay. And I have a second 10 question, if that's all right. 11 On Slide 5, which is the public interest 12 considerations, if I were to, sort of play Devil's 13 advocate, the two on the bottom, you know, the -- you 14 went over the process by which these were selected, and 15 you talked about the modeling and the IRP. 16 To me, that shows that you did your, you know, 17 your due diligence, and maybe you think it's kind of a 18 safe play on your part to do a waiver. But I'm not sure 19 why that speaks to the need for the waiver. 20 Again, I don't know that it's MS. STEWARD: 21 any -- I don't think it's any one. I don't think the 22 rationale that we went through the RFP process, all of 23 that, is, in and of itself, probably justification for a 24 waiver since we expect that to be with all of our 25 solicitations that we have followed that process. It's

```
1
    really that in combination with this potential change in
    the tax code as well as just time considerations for all
 3
    the stakeholders and the Company.
 4
             MR. WILLIAMS:
                            Okay. Thanks.
 5
             MS. SABA: Looks like Lisa has got another
 6
    question.
 7
                          Thank you so much.
             MS. HICKEY:
             In Colorado, we have a policy that promotes an
 8
    even distribution between utility-owned generation
 9
10
    projects and independent-power-producer-owned generation
11
               That is a 50-50 split that is embedded in
    projects.
12
    statute and rule and policy at the commission.
13
             Do you have any sort of type, similar type of
14
    policy in any of your state's -- maybe not 50-50 -- but
15
    any, you know, split indicating what is in the public
16
    interest to maintain a balance between utility ownership
17
    and IPP ownership?
18
             MS. STEWARD:
                           No.
19
                          Tom, do you want to answer that
             MS. LABRAY:
20
    one?
2.1
             I mean, not that I'm aware of.
22
             MR. WOODWORTH: Yeah, sorry. This is Tom
23
    Woodworth, legal department.
24
             No, that I'm not aware of. That's correct.
25
             MS. HICKEY:
                          Thank you.
```

```
1
                        I don't see any more hands up.
             MS. SABA:
 2
    Anybody have --
 3
             MR. POWELL:
                          This is Wayne Oliver with Merrimack
    Energy. I have one quick question. I'm not on the line,
 4
 5
    but I'm on the phone.
             I have a question with the -- you addressed the
 6
    issue about the timing of negotiating the contracts.
 7
    question I have -- and also, you know, the tax
 8
 9
    incentives, the potential tax incentives that -- I think
10
    that most people expect there will be something that will
11
    come out of that.
12
             My question is if the tax incentives are put in
13
    place after the contracts are negotiated, is there going
14
    to be an attempt during negotiations to include a
    provision in the contract that will provide benefits to
15
16
    customers in the form of, you know, the prices being
17
    reduced, you know, if the tax incentives do go into
18
    place?
19
                             Hello. This is Tom Woodworth
             MR. WOODWORTH:
20
    again with PacifiCorp legal.
21
             It's a great question. It's something that we
22
    have been discussing internally as something we may bring
23
    into the negotiations. There's an obvious challenge with
24
    that, as you can probably imagine, in terms of temporally
25
    how long such a right could be retained in the contract
```

```
1
    and not compromise financing or an understanding of
 2
    benefits.
               And then there's also the negotiation of what
 3
    that potential sharing could be.
 4
             I want to be careful not to get too much into
    our -- into the discussions we're having in these -- you
 5
 6
    know, these conversations are still, with these bidders
    are, I guess, confidential in terms of the negotiations,
 7
    and I want to be careful not to tip our hat.
 8
                                                   It's
 9
    certainly something that we have been considering to see
10
    if it's something that we can get -- that we can
11
    realistically get for the benefit of our customers.
                                                          Tt's
12
    a great guestion.
13
             MR. WILLIAMS:
                            Thanks.
                                     And I raise that because
14
    I've seen it happen in other cases, you know, other
    negotiations in the past, where, you know, people
15
16
    expected there would be some kind of change in the
17
    incentive structure, and it became part of the
    negotiations, and the utilities and the counterparties
18
19
    agreed to it. So it's something that has gone on in the
20
    past, I quess.
21
                             Absolutely.
             MR. WOODWORTH:
22
                 (Court reporter interruption.)
23
                       Looks like Artie's got a guestion.
24
             MR. POWELL: Yeah.
                                 Thanks, Jana. This is Artie
25
    Powell again.
```

1 I think I read this someplace, but I just don't 2 recall off the top of my head. But could you remind us 3 what the construction timeline is primarily for the wind 4 and the solar projects to meet their online dates? 5 MS. LABRAY: I think there's quite a bit of 6 variability around that, but probably roughly on average about, you know, maybe two years. 7 8 MR. POWELL: Okay. It think it probably is very, you 9 MS. LABRAY: 10 know, project-specific, but high-level ballpark. 11 MR. POWELL: Yeah. I should have qualified that 12 that's what I was looking for, just kind of a ballpark. 13 I mean, I do have a couple of other questions, 14 but if anybody else has questions, they can jump in. MS. SABA: Go right ahead. 15 16 I just wanted to talk about the MR. POWELL: 17 timing of filings for just a minute and maybe break this 18 up into a couple of questions, and if one question is not 19 appropriate for this particular forum, that's okay. 20 But just when -- under the preapproval statute, 21 we have about 120 days, or four months, to evaluate these 22 So that means that the Company would file resources. 23 whatever supporting evidence and testimony they're going 24 to file, and then parties would have maybe a month and a 25 half to two months to review that and file their first

```
1
    round of testimony.
                         That would leave us about a month,
 2
    month and a half for rebuttal and surrebuttal testimony
 3
    and a hearing, trying to leave the Commission about a
 4
    month for -- to write an order. I don't know.
             Joelle or Jana, would you agree just kind of at
 5
 6
    a high level with that type of schedule?
                        It sounds about right.
 7
             MS. SABA:
             MS. STEWARD:
 8
                           Yeah.
 9
             MR. POWELL:
                          Okav.
                                 The next question, like I
10
    say, it may not be appropriate here, so anybody can cut
11
    me off or just say it's not appropriate and don't answer.
12
             But if the Commission were to approve the waiver
13
    and then we took the -- especially these five resources
14
    into a rate case, the Company files a notice of intent
    for a rate case, I think it's 60 days in advance of the
15
16
    rate case filing, could the Company file whatever
17
    supporting evidence and testimony at the same time for
    these resources so that parties would have an opportunity
18
19
    to start reviewing and doing a lot of that review work?
20
    It would be on about the same timeline as the amount of
21
    time that we would have in a preapproval process.
22
                           Sorry, Artie, I don't think I
             MS. STEWARD:
23
    followed.
24
             So if we file the -- if we get the waiver, and
25
    then you're talking about if when we go in for the rate
```

```
1
    case eventually to get recovery?
 2
                          Right.
             MR. POWELL:
                                  Right.
 3
             MS. STEWARD:
                           Oh, okay.
 4
             MR. POWELL:
                          You're going to file your notice of
    intent, right, about -- if I remember right, it's 60 days
 5
    in advance of the actual rate case filing.
 6
             Could the Company actually prepare and file its
 7
    supporting testimony for these -- in particular, these
 8
    five, maybe others also, but in particular, these five
 9
10
    resources at the same time that they file their pre -- or
11
    not their preapproval -- their notice of intent, and that
12
    would give parties approximately 60 days to review that
13
    material before the rate case is filed?
                                              I mean, I'm
14
    thinking of the workload of a rate case and doing this at
15
    the same time.
16
             MS. STEWARD:
                           And --
17
             MR. POWELL:
                          It would be --
18
             MS. STEWARD:
                          -- yeah --
19
             MR. POWELL: -- part of the rate case, right,
20
    because you're opening that docket with that notice of
21
    intent. So it would just be filed under the rate case,
22
    and we would just -- it would become part of the rate
23
    case order. But it would give parties that two months
24
    before the actual rate case is filed to start evaluating
25
    these projects for a prudence review.
```

```
1
             MS. STEWARD:
                           Yeah, and I mean, I think that's
 2
    probably something we could discuss later because I don't
 3
    have -- right now, we don't have a filing plan for the
 4
    timing of the next rate case.
 5
             MR. POWELL:
                          Right.
 6
             MS. STEWARD:
                           Because if something triggers a
    rate case earlier, then this may be a major plan
 7
    additional case, you know, that these resources would be
 8
    through. So we do, I think -- believe we sent the work
 9
10
    papers now that we have now. I think as we get closer to
11
    2024, we can, you know, work with the DPU and the Office
12
    and other parties to figure out that filing strategy.
             MS. SABA: Anybody else? Okay.
13
14
             Well, thank you, everybody. We appreciate your
    participation and the good questions and discussion that
15
16
    we've had.
17
             Like always, if you have any other questions,
    feel free to reach out. I know it's a short turnaround,
18
19
    so we'll do our best to prioritize. So thanks again.
20
             MR. JOHNSTON:
                            All right. If there's nothing
21
    more from anyone else, that concludes today's virtual
22
    technical conference.
                           Thanks to everyone for your
23
    participation. Have a good afternoon.
24
               (The matter concluded at 3:45 p.m.)
25
```

1	CERTIFICATE
2	
3	State of Utah)
4	ss. County of Salt Lake)
5 6	I, Michelle Mallonee, a Registered Professional Reporter in and for the State of Utah, do hereby certify:
7	That the proceedings of said matter was
8	reported by me in stenotype and thereafter transcribed into typewritten form;
9	That the same constitutes a true and correct
10	transcription of said proceedings so taken and transcribed;
11	I further certify that I am not of kin or
12	otherwise associated with any of the parties of said cause of action, and that I am not interested in the event thereof.
13	
14	WITNESS MY HAND at Salt Lake City, Utah, this 10th of February, 2022.
15	
16	Michelle Wallonce
17	
18	Michelle Mallonee, RPR, CCR Utah CCR #267114-7801
19	Expires May 31, 2022
20	
21	
22	
23	
24	
25	

	<u> </u>	
	2025 19:1	Δ
	22-035-03 3:6	A
-00o- 3:2	24th 5:24	ABB 8:22
1	3	— Absolutely 28:21
		accepted 9:16
100 5:16	30 7:11,15	acknowledging 25:3
12/31/2024 8:1	30-year 8:4	acquisition 6:24
120 6:13 18:12 29:21	300 5:18	Acquisitions 3:8
13 20:21,22	30th 7:20	Act 5:14 9:14 12:13
14th 6:15	31st 3:4 8:5,21	15:13 25:2
15 7:19	320 7:10	action 9:14 15:8
17 5:14	350 7:14	active 11:2
18 20:10,20 21:11 24:6	3:00 3:4	actively 17:10 20:4 22:10
19 7:2 11:25 17:3,6,14	3:45 32:24	actual 31:6,24
20:3,19		add 23:15
1st 7:12,16 12:16 19:1	4	addition 9:3 13:1 22:17
2	400 7:24 8:3	additional 3:22 11:22 32:8
20 10:3	5	addressed 27:6
20-year 7:25		advance 30:15 31:6
200 7:17	5 10:3 15:12 25:11	advocate 25:13
2017 14:17	50-50 26:11,14	affecting 24:24
2018 8:15 14:17	6	afternoon 3:3,17 6:22 32:23
2019 8:15,16,22 9:7,12,	6,000 8:17	agree 30:5
15	60 30:15 31:5,12	agreed 28:19
2020 8:7 10:17,18 12:11, 18 13:3 14:16 21:12 23:7	600 8:19	agreement 7:9,14,19,24
2021 12:16,21 20:8		8:3 21:16 22:12,13,15 23:5
2022 3:4	7	Agreement/battery
2023 8:21	7th 6:8,14	21:16
2024 7:12,16,20 8:5 9:17 12:19 18:19,24 19:22,25 24:3 32:11		agreements 10:2 19:10 24:25

ahead 29:15		bring 27:22
Alliance 22:5	B	browser 4:18
Allowable 10:1	back 6:4 8:12,15 13:14,	BSA 10:1 19:8
amount 30:20	24 14:2,7,17 15:1,3,6,10 25:2	BTA 10:1 21:8,19 22:16
analyses 20:8 23:11	balance 26:16	23:8 24:19,21
analysis 11:24 14:6		BTAS 20:24 21:14
anticipating 14:3	balancing 10:7	Build 13:24 14:2,7,25
application 3:6 5:4,24	ballpark 29:10,12	15:3,6,10 25:1
13:16	based 9:14 11:15	build-transfer 8:3
approach 11:4	basically 17:13	
approval 5:25 6:5 7:2	basis 11:9	
8:11 9:13 12:12,14 14:13	battery 7:6,17,18 8:19	calculated 11:18
15:15,16	9:21,24 19:8 22:13	call 3:20,22 14:15
approve 30:12	battery-only 21:14	called 21:15
approved 8:7 10:17 12:10 18:14 20:6	bear 19:6	capable 8:19 10:5
approximately 8:19	BECK 20:15 21:21	capacity 8:20,23 10:15
31:12	begin 3:12	carbon 9:8,9
areas 10:7	Bela 23:21	careful 28:4,8
arrangement 7:10	benefit 28:11	case 16:6 17:12,15,25
Artie 16:25 18:4 28:24	benefits 11:25 13:2	18:2 19:2,13,23 24:7,9
30:22	27:15 28:2	30:14,15,16 31:1,6,13, 14,19,21,23,24 32:4,7,8
Artie's 28:23	bid 10:1 11:8 23:7,8	cases 28:14
assigned 23:2	bidder 11:2	Cedar 7:13
assume 16:4	bidders 10:9,23 11:1 25:3 28:6	challenge 27:23
assuming 18:13	bids 8:17 9:15,23 11:10	chance 14:3
assumptions 12:20	21:2	change 14:19 20:9 26:1
attempt 27:14	bill 13:25 14:1,2,8 19:9	28:16
average 29:6	billion 12:23	changed 14:19
avoid 14:24	bit 8:12 14:25 29:5	chaotic 14:25
aware 25:7 26:21,24	Boswell 7:8	Chapter 5:14
	bottom 25:13	chosen 5:21
	break 29:17	circumstances 16:18

Index: claiming..Devil's

claiming 15:24	conclusion 22:8	customers 12:1,24 27:16
clarify 20:2,11 21:1	conduct 9:1	28:11
clean 16:6	conference 3:5,10 32:22	cut 30:10
clear 15:20,25	conferences 11:2	cycle 8:15
closed 4:16	confidential 12:7 28:7	
closer 32:10	Congress 13:24 14:1	
cluster 11:11,12	15:10	D1 19:19
code 14:20 26:2	consideration 10:12	data 20:23
collecting 18:15	considerations 13:16 25:12 26:2	date 7:11,15,20,25 8:4
collection 18:21	construct 21:2 22:11	dates 9:16 29:4
Colorado 26:8	23:9	Dave 24:14,15
combination 16:16 26:1	construction 29:3	days 6:13 18:12 29:21 30:15 31:5,12
combined 7:22 9:21	context 13:6	deadline 22:6,10
comment 11:3	continue 15:7	December 7:16 8:5,21
comments 6:7,14 commercial 7:11,15,19,	contract 11:13 23:13 27:15,25	decided 15:7,11
25 8:4 9:16 15:20 16:1	contracts 24:18 27:7,13	decision 6:15 13:21 14:13 15:13
commission 6:9 8:8	conversations 28:6	deck 4:1
10:17,19 12:10 26:12 30:3,12	correct 23:25 26:24	deem 10:11
Commission's 4:1	cost 9:9 12:24 16:5 17:23 18:5,6	definition 5:12,22
Company 11:5 17:6 26:3	costs 13:1	delivering 8:20 10:6
29:22 30:14,16 31:7	counterparties 28:18	department 26:23
compare 18:2	couple 17:1 29:13,18	dependable 5:16
completed 22:8	court 3:11 4:25 28:22	designed 9:19
completely 13:12	cover 6:6 13:11	detail 12:5
complex 22:17	covered 22:23	determine 6:11
comply 10:13	Creek 8:2 19:9 21:13	developed 11:17
compromise 28:1	current 14:11	developer 21:20
concern 14:11	curves 11:17	development 8:15,24
concluded 12:11 32:24	customer 13:2	10:22 11:3,13 12:15
concludes 32:21	Customer 13.2	Devil's 25:12

difference 18:5 19:3	eliminate 10:12	
24:2,4	embedded 26:11	F
diligence 25:17	emergency 15:20,25	facilitator 3:9
discuss 32:2	emissions 13:1	facility 7:9
discussing 27:22	end 6:4 9:17 13:18 19:1,	fact 14:12
discussion 4:4 32:15	24 24:3 25:1	factor 15:21 16:2
discussions 20:4 28:5	ended 25:5,6	factors 16:16
dispatch 8:25	energy 3:8 5:13,15,22	February 6:8
distinguished 24:2	6:1,18,19 7:1 8:10,20 9:14,21 11:19 12:3 13:21	feedback 14:22
distribution 26:9	14:14,16 15:12,13 16:19	feel 23:4 32:18
diverse 10:14	19:7 21:15 22:5 27:4	figure 32:12
Division 24:16	engaged 10:23	file 15:11 29:22,24,25
docket 3:6 4:2 31:20	essentially 6:2 12:21 13:5 21:18 25:5	30:16,24 31:4,7,10
dollars 12:24		filed 5:4,24 8:16 9:12
Dominguez 7:17	evaluate 9:10 29:21	12:16 18:2 31:13,21,24
DPU 32:11	evaluated 12:20 16:8 23:10	files 30:14
drive 19:23	evaluating 11:15 31:24	filing 6:6 12:5,9 13:16,
drop 20:7	evaluation 10:10,21 11:4	17,22 14:5,6,16,17 15:2 30:16 31:6 32:3,12
dropped 20:19	12:6	filings 29:17
due 6:7,14 25:17	evaluator 10:18,20	final 7:2 8:7 11:14,15,24
duplicate 22:23	eventually 31:1	12:5,10,18,22 13:19
	evidence 29:23 30:17	20:5,9 21:12 23:12
E	exception 21:13,19	finalizing 12:15
earlier 18:19 32:7	existing 9:4 10:2 12:19	financing 28:1
east 10:6	expansion 8:24	find 16:22 20:18
eastern 7:4,12 8:2	expect 15:9 25:24 27:10	fixed 23:1
EBA 19:11	expected 6:15 28:16	flat 11:19,20
economic 14:6	extended 9:17	folder 12:7,8
economics 14:10,12	extensive 9:1 10:14	folks 19:14
eligibility 9:17 10:8		follow 6:10
eligible 10:10 11:11		follow-on 17:22
		follow-up 24:16

Index: form..iterations

	• •	
form 7:24 25:6 27:16	happen 20:22 28:14	include 27:14
formal 11:3	hard-and-fast 22:9	included 10:1 11:1,8
format 24:18	hat 28:8	12:4,18 23:13
forum 29:19	head 17:16 21:23 29:2	including 9:7,22 11:5,15, 22 12:22 14:15,19
forward 15:11	hear 4:10,11,14	inclusive 12:2
frankly 13:22	heard 4:15 22:22	increased 12:25
free 23:4 32:18	hearing 15:5 30:3	independent 10:18,19
front 23:16	held 13:22	independent-power-
full 6:12	helpful 3:13	producer-owned 26:10
future 9:1 16:5,16	Hey 17:8	indicating 26:15
	Hickey 22:3,4,19 26:7,25	information 16:22
G	high 9:8,9 11:4 30:6	infrastructure 13:25 14:1
gas 9:8,9	high-level 29:10	initial 11:8,9,10
gas-fired 9:22,23	higher 12:24,25 13:1	intent 9:13 30:14 31:5,
Gateway 19:17,18 23:22,	highly-confidential 12:8	11,21
24 24:6	hired 10:19	interconnecting 10:5
generation 9:22 26:9,10	hold 5:6 15:3	interconnection 11:6,12
give 4:8,16,18 31:12,23	hoping 14:24	interest 13:15 15:23 25:11 26:16
glad 4:13	hourly 8:25 11:18,20	internally 27:22
good 3:3,17 6:22 14:3 32:15,23	hydro 9:25	interruption 4:25 28:22
granted 6:12		Interwest 22:4
great 27:21 28:12	I	introduce 3:12
Green 7:22	identified 8:17 12:23	investment 19:19
guess 18:1,4 24:5 28:7,	identify 9:10	investments 19:23
20	II 7:22 8:2 19:9 21:14	IPP 26:17
	imagine 27:24	IRP 3:22 8:15,16,22 9:7,
Н	implementation 10:22	12,15 12:21 20:8 25:15
half 29:25 30:2	improve 14:10	IRPS 16:9,22
hand 20:14,23 23:21	incentive 28:17	issue 20:20 27:7
hands 27:1	incentives 14:8 15:5,6,9	items 9:15 16:15
handy 20:25	27:9,12,17	iterations 14:18

IV 7:13	least-cost/least-risk	matter 32:24
	9:11	means 29:22
J	leave 30:1,3	medium 9:8
Jana 3:19 4:10 5:5,23	leaves 20:21	meet 8:9 10:4,9 29:4
6:16 16:25 28:24 30:5	legal 3:23 21:10 23:18 26:23 27:20	meeting 3:18
January 3:4 5:24 13:18 19:1	legislation 24:19,24 25:7	megawatts 5:16,18 7:10, 14,18,24 8:3,18,19 10:3
Jetter 22:20,22 23:20	level 11:4 30:6	members 3:22
Joelle 3:20,25 4:6,23	liability 9:10	mentioned 17:3 20:3
6:25 8:9 13:14 17:3,8,16 20:3 30:5	life 5:17 7:10,15,19,25	23:22
Johnston 3:3,9 32:20	8:4	mentioning 12:17
July 10:18	Lisa 22:1,2,4 26:5	Merrimack 10:18,24 27:3
jump 21:1 23:4 29:14	lived 14:16	met 12:11
June 7:20	located 7:6,12,20,23	Michele 20:13
justification 25:23	location 9:3 11:21	middle 14:6 18:14,25
Justin 22:20	long 4:4 10:4 27:25	mind 19:6 24:1
Justin's 24:16	longer 15:8	mindful 14:21
Justin's 24.10	lot 4:14 13:4 14:18,21 16:11 23:7 30:19	minimum 10:3,8
K	low 9:8	minute 4:8,16,18 29:17
Liel 5.4	10W 3.0	minutes 23:23
kick 5:4	M	model 8:24,25 9:1 11:18
kind 5:4 8:12,13 13:5,6 14:24 15:3,9 17:21,23 18:2 25:17 28:16 29:12	made 14:17	modeling 11:16 12:6,19 23:10 25:15
30:5	maintain 26:16	models 8:22 11:16
	maintained 10:25	modification 9:15
L	major 32:7	moment 16:12
Labray 3:21 5:3 6:21,23	make 4:10 14:5	month 29:24 30:1,2,4
13:13 17:8 20:2,25 21:4, 8 22:9 23:3 24:22 26:19	makes 15:22	months 24:4 29:21,25
6 22.9 23.3 24.22 26.19 29:5,9	managing 12:1	31:23
laid 6:8	marginal 11:19,20	Mountain 3:4,6,15,19
law 13:21	market 10:14 12:25	move 15:10
lay 17:23	material 31:13	movement 9:3
•		

Index: multiple..point

multiple 16:16	ongoing 22:17	21:10 23:18 27:20
	online 29:4	paper 12:7,8
N	open 4:17 10:2,25 13:10,	papers 12:4 32:10
nailed 23:19	12 22:7	Par 8:25 11:16,18
nature 9:19	opening 31:20	Parallel 12:14
necessarily 24:23	operating 11:20,21	part 8:6 11:12 12:8 13:21
needed 3:24 10:5 15:8	operation 7:11,15,20,25 8:4 9:16	15:6,12 25:18 28:17 31:19,22
negotiated 22:25 27:13	operationally 22:14	participation 3:18 32:15,
negotiating 27:7	opportunity 15:21 16:1,	23
negotiation 28:2	13 30:18	parties 4:5 14:22 29:24
negotiations 17:18 21:12	optimization 8:24	30:18 31:12,23 32:12
22:7,11 27:14,23 28:7, 15,18	optimizer 8:23	pass 24:20
nonconforming 10:11	options 22:24 23:10	passed 9:18 14:2 15:1 25:4
nonrenewable 8:18 9:22	order 10:9 30:4 31:23	passing 14:4 24:24
Northern 7:21	Oregon 10:19,20 11:23	past 28:15,20
note 9:23 12:4,17 25:3	orient 8:14	pause 13:4,8
noted 6:25	originally 10:15	people 4:13 14:15 16:11
notice 9:12 30:14 31:4,	outcome 14:10 15:17,18 23:12	27:10 28:15
11,20	outcomes 13:3	performance 9:10
noticed 3:5	outlines 15:14	period 13:19
number 10:8 11:21 20:5	oversee 10:20	phases 11:8
numerous 10:24	oversight 16:7	phone 27:5
0	overview 4:3 5:9 8:13	piece 15:16,17
	13:5	pieces 15:10
obvious 27:23	owned 19:12	place 27:13,18
occasions 10:24	ownership 26:16,17	plan 32:3,7
occur 18:6 24:23 25:8		planning 6:24 8:25 17:6
October 7:12 8:16	P	plates 16:12
offers 11:15	p.m. 3:4 32:24	play 13:23 25:12,18
Office 32:11	Pacificorp 4:24 6:23	plenty 4:4
Oliver 27:3	8:20,22 10:23 11:6 12:14	point 23:1

Index: policies..rates

	danuary 51, 2022	mack. policiesrates
policies 9:7	price 9:7,8,9 11:22	prudence 14:13 16:5
policy 11:22 26:8,12,14	prices 27:16	31:25
portfolio 8:24 9:11 12:2,	primarily 29:3	PSC 3:6
21 13:1	prioritize 32:19	PSC's 3:9
portfolios 9:2,6	problem 21:24	public 13:15 15:22 25:11 26:15
possibility 24:20	proceed 10:10	
posted 4:1	proceeding 19:17,18	pumped 9:24
potential 24:23 25:7 26:1	process 5:19,20,25 6:1,	purchase 7:9,14,24
27:9 28:3	8,13 8:11 9:13 10:10,20,	pursuant 9:13 11:23
potentially 15:10 16:4	23,25 11:2,3,5,11,13 12:6,14,15 14:14,16,18,	pursuing 17:6,10 23:6 24:17,25
Powell 16:25 17:12,21 18:8,13,18,24 20:1,12	19,22,25 15:14 16:3,6,7	put 27:12
27:3 28:24,25 29:8,11,16	18:11,21 23:11 25:14,22,	put 27.12
30:9 31:2,4,17,19 32:5	25 30:21	Q
power 3:6,15,19 7:9,14,	Procurement 5:14 9:14 15:13	20 - 44 0
24	produced 11:24	Q&a 11:2
PPA 10:1 21:17 23:9 24:19,21	producing 11:25	qualified 29:11
PPA/BTA 22:24	profile 11:19,21	qualify 5:22
-	•	question 17:2,22 20:15 21:25 22:21,23 24:16
PPAS 19:10 20:24 21:8, 13,18 22:18	progress 22:18	25:10 26:6 27:4,6,8,12,
pre 31:10	project 7:13,23 8:2 20:7 21:15	21 28:12,23 29:18 30:9
preapproval 3:7 6:2,3,13	project-specific 29:10	questions 3:23 4:5 13:8,
17:5,24,25 18:7,10,11	projects 7:2,3 8:6,8,9	9 16:24 17:1 29:13,14,18 32:15,17
29:20 30:21 31:11	9:21,24,25 11:25 12:2,19	queue 11:7
preference 13:10	13:2,6 17:4,7,11,13,14, 24 20:3 21:11,14,19	quick 27:4
preferred 9:11	22:25 23:6,7,13,14 24:7	quien 27.1
prepare 31:7	26:10,11 29:4 31:25	R
present 3:25	promotes 26:8	raise 28:13
presentation 23:2	proposal 10:12	
presentations 11:1	proposals 9:20 10:11,21	rate 16:5 17:12,15,25 18:2 19:2,13,23 24:7,9
presenting 3:21	provide 27:15	30:14,15,16,25 31:6,13,
president 4:23 6:23	provision 27:15	14,19,21,22,24 32:4,7
pretty 16:6 18:6 23:1	proxy 9:3	rates 19:24

rationale 6:5 25:22	representing 22:4	risk 8:25 12:1 16:5
reach 32:18	request 4:3	River 7:22
read 29:1	requesting 5:11 7:1	Rock 8:2 19:9 21:13
realistically 28:11	requests 11:23	Rocky 3:6,15,19
reason 5:10	required 19:20	Ron 20:25 21:3 23:3,15
reasons 15:19	requirement 3:7 12:12	roughly 29:6
rebuttal 30:2	15:14,22	round 30:1
recall 29:2	requirements 8:9 10:4,9, 13 12:12	rule 26:12
receive 9:23	Research 9:6	rules 6:9
received 10:13	reserve 10:11 11:20,21	running 5:7
recognize 14:23	resource 3:8 5:13,14,15,	
recovery 16:5 17:23	18,23 6:1,18,19,23 7:2	
18:5,6,24 19:4 31:1	8:10 9:2 12:3 13:21 14:14 15:12,13 16:19	Saba 3:16,19 4:11,13,21
redo 14:6,12	19:7	5:6 21:25 22:20 23:21 24:14 26:5 27:1 28:23
reduced 27:17	resources 5:10,18,21	29:15 30:7 32:13
reevaluate 16:3	6:2,17,25 8:18 9:3,4,20 10:3,4 12:22,25 13:20	safe 25:18
reference 20:11	14:9 15:17 16:8 19:6,12,	Sam 3:9
	15,20 29:22 30:13,18	scenarios 9:7 11:22
reflecting 11:6	31:10 32:8	schedule 30:6
reform 11.7	respect 22:24	screen 4:8
reliable 12:1	response 10:14	seek 15:1
reliable 12.1	resulting 11:24 12:6	seeking 6:3,5 12:3 15:15
	results 12:5	16:17,19
remaining 21:2,11 22:7 remember 21:22 24:4	retained 27:25	Segment 19:18
31:5	review 10:20 24:7 29:25 30:19 31:12,25	selected 25:14
remind 3:11 20:19 29:2	reviewed 17:14	selecting 11:9
reminding 21:21	reviewing 30:19	selection 11:14
removed 12:21	RFP 3:22 8:7 9:19 10:2,	send 25:2
renewable 5:17 8:18	16,17,23 11:3 12:11,16,	senior 4:23
9:20	18,24 13:3 14:11 16:22 23:8 25:22	sensitivities 11:23
reporter 3:11 4:25 28:22		separate 19:16

Index: September..tax

	• · · · · · · · · · · · · · · · · · · ·	
September 12:16	someplace 29:1	20:13 21:3,5 22:2 24:1,9,
service 8:21 18:17,18,22 19:21 23:24	sort 5:9 6:4,6 23:2 25:12 26:13	13 25:20 26:18 30:8,22 31:3,16,18 32:1,6
sets 15:19	sought 10:15	stick 21:23
shaking 17:16	sounds 30:7	storage 7:5,18,23 8:19 9:21,24 21:15,16 22:13
share 4:7	Source 8:7 9:19 10:17 12:11,18 13:3 23:8	strategy 32:12
sharing 28:3	South 19:17 23:24 24:6	structure 23:14 24:24
Shay 3:21,25 5:2,3,19 6:20,22 17:8 21:10 23:19	southern 7:23	28:17
short 4:1 32:18	speaking 3:12 20:3	structures 10:1 23:6
short 4.1 32.18 shortlist 5:21 7:3 8:7		struggle 14:22,23
11:9,10,14,25 12:5,10,	speaks 25:19	studied 9:6
18,22 13:19 17:4,19	specific 14:13	studies 9:1
19:15,21 20:5,10 21:12, 22	split 26:11,15	study 11:11,13
shortlists 23:13	spoke 8:9	stuff 4:14
shows 25:16	Springs 7:8,13	subset 8:8
	staff 11:23	substantial 11:25
significant 3:8 5:10,13, 15,22 6:1,18,19 7:1 8:10	stage 11:9	supporting 29:23 30:17
12:3 13:21 14:14 15:12 16:19 19:7	stakeholders 6:10 10:23 14:24 26:3	31:8 surrebuttal 30:2
similar 21:16 26:13	standalone 7:6,17 9:24	switch 24:21
simulations 11:18	22:12	system 8:23 9:5 10:6
size 9:2 22:14	start 3:25 4:7,20 5:12 17:1 18:15,21 30:19	11:17,19
slide 4:1 5:5,23 13:9,12	31:24	systems 8:20
16:21 25:11	starting 7:8 8:14	
slides 4:7	state's 26:14	T
slight 20:16	stated 10:24	table 25:2
social 9:9	statute 6:1,8 18:9 26:12	talk 5:9 6:4 29:16
solar 7:4,22 14:9 29:4	29:20	talked 25:15
solicit 8:17 9:20	statutes 5:15	talking 4:20 30:25
solicitation 5:20 9:13	steps 13:23 15:1	tangent 20:16
12:12 15:15,16,18 16:7	Steward 3:20 4:9,12,20,	tax 14:8,20 26:2 27:8,9,
solicitations 25:25	22,23 5:1,8 13:11,15 17:17 18:4,11,16,23 19:5	12,17
T. Control of the con		

	Index: teamsWilliam
utili	ty-owned 26:9
utili	zed 11:5
	V
vali	dating 13:2
vali	dation 6:16
vari	ability 29:6
vari	ant 12:20
vari	ety 9:6
VAS	STAG 23:22 24:5,11
	sus 17:25 20:24 :19
vice	4:23 6:23
virtı	ual 3:5,10 32:21
Visi	on 14:16
	W
wait	t 14:25 15:7
6:3 13 14	ver 3:7 4:3 5:11,25 3,11,12 7:1 8:10 12:3 :17 15:11,14,16 16:11, ,17,19 20:20 25:18,19, 30:12,24
wai	ving 15:22
wal	k 5:19
	nted 3:10 20:2,10 :16
Way	yne 27:3

teams 3:23

technical 3:5,10 15:21

16:1 32:22

technically 21:15

temporally 27:24

ten 5:17

tend 22:16

term 7:10,14,19,25 8:4

25:8

terms 8:10 9:4 11:4 19:4

20:23 21:1 22:14,16 24:23 27:24 28:7

testimony 29:23 30:1,2,

17 31:8

things 14:19 16:4

thinking 18:19,20 31:14

thought 16:13

three-phase 11:5

tight 6:9

time 3:4,5,14 4:4,6 6:6 8:12 9:18 13:20 17:11

20:5,8 23:5,24 24:8 26:2

30:17,21 31:10,15

time-limited 15:20,25

timeline 8:13 18:7,10

19:24 24:2,9 29:3 30:20

timelines 6:9 18:3

times 10:15

timing 9:2,4 17:23 19:4

27:7 29:17 32:4

tip 28:8

today 3:20,21 8:16 13:7

18:19

today's 3:18 32:21

Tom 21:7,10 23:3,15,17 26:19,22 27:19

Tom's 21:3

top 7:8 29:2

top-performing 12:20

total 7:2 10:14

touch 6:20

transfer 19:9

transmission 10:6 11:11 12:23 14:9 19:16.19

transmissions 11:6

transparent 10:25

trigger 6:18 13:20 17:4

triggers 32:6

trouble 4:19

TTC 9:17

turn 3:14 4:6

turnaround 32:18

type 9:2 22:15 26:13 30:6

types 22:12

U

understanding 28:1

unique 9:2

up 7:10,14 8:17 13:10,12 17:15 18:9 19:2 20:14,18

23:21 27:1 29:18

update 20:9

Utah 7:7,21,23 10:19

19:18 24:15

utilities 28:18

utility 6:10 26:16

website 4:2

west 10:6 19:18 23:22

24:6

Williams 24:14,15 25:9

26:4 28:13

HUCA. WIHUYCAIS	ndex:	windyears
-----------------	-------	-----------

wind 7:4,9,13 8:2 14:9 29:3

witnesses 5:3

wondering 22:4

Woodworth 21:7,9,10,24 23:17 26:22,23 27:19 28:21

work 8:14 12:4,7,8 30:19 32:9,11

worked 17:20

working 22:10,15

workload 31:14

workload-wise 16:12

workshops 11:1

worth 12:17

write 30:4

Wyoming 7:4,12 8:3

Υ

year 18:15,25 19:1 24:20 25:1

years 5:17 7:11,15,19 29:7