## In the Matter Of:

# In Re: Formal Complaint - 1.21 GW LLC vs. RMP

# **HEARING DOCKET NO. 17-035-52**

December 21, 2017

Job Number: 436964

1	BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH
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3	In the Matter of the Application of Rocky Mountain Power for Approval of Rocky Mountain Power for
4	Approval of Formal Complaint under Schedule 38, Clenera, LLC on behalf of 1.21 GW LLC against Rocky
5	Mountain Power
6	
7 8	HEARING PROCEEDINGS
9	DOCKET NO. 17-035-52
10	TAKEN AT: Public Service Commission
11	160 East 300 South, Room 403 Salt Lake City, Utah DATE: Thursday, December 21, 2017
12	TIME: 9:00 a.m.
13	REPORTER: Robert D. Stanley, R.P.R.
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25	JOB NO.: 436964

Page 2 1 APPEARANCES 2 PRESIDING OFFICER: Michael Hammer 3 4 FOR THE DIVISION OF PUBLIC UTILITIES Justin Jetter 5 ASSISTANT ATTORNEY GENERAL 160 East 300 South, Fifth Floor Salt Lake City, Utah 84114 6 7 FOR ROCKY MOUNTAIN POWER: 8 Yvonne R. Hogle Rocky Mountain Power 9 1407 West North Temple, Suite 320 Salt Lake City, UT 84116 10 11 FOR THE COMPLAINANT: James H. Barkley 12 Baker Botts, LLP One Shell Plaza 910 Louisiana Street 13 Houston, Texas 77002-4995 14 15 16 17 18 19 20 21 22 23 24 25

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Page 5 PROCEEDINGS 1 2 3 PRESIDING OFFICER HAMMER: Going on the 4 record, please. Good morning. This is the time and place 5 noticed for a hearing in the formal complaint under 6 Schedule 38 of Clenera, LLC, on behalf 1.21 Gigawatt, 7 8 LLC, against Rocky Mountain Power. It's Docket No. 17-035-52. 9 My name is Michael Hammer and I am the 10 Commission's designated presiding officer. Let's go 11 12 ahead and take appearances, please. We'll begin with 13 Rocky Mountain Power. 14 MS. HOGLE: Okay. Good morning. My name is Yvonne Hogel. Can you hear me? 15 16 PRESIDING OFFICER HAMMER: I can. 17 THE CLERK: You know what, Yvonne, we're 18 having issues with that mic. 19 MS. HOGLE: Okay. Is that better? 20 PRESIDING OFFICER HAMMER: Much. 21 MS. HOGLE: Good morning. I'm Yvonne 2.2 Hogle, and I'm here on behalf of Rocky Mountain 23 Power. With me here today are Mr. Mark Tourangeau, who is the director of Commercial Services. And 24 Mr. Brian Fritz, who's the director of engineering. 25

Page 6 On the phone I believe we have Mr. Rick 1 2 Bail, who is president of -- excuse me, vice president of transmission, and Mr. Kris Bremer, who 3 4 is manager of Generation Interconnection. Thank you. PRESIDING OFFICER HAMMER: And the 5 6 Complainant. MS. HOGLE: Jim Barkley, Baker Botts, 7 representing Clenera Energy. I have with me Jason 8 9 Ellsworth and Justin Shively from the company. 10 I want to let you know that I am licensed in Texas, not in Utah, but have with me the 11 12 certificates of good standing that are required to 13 allow me to be present today and represent my client. 14 PRESIDING OFFICER HAMMER: Thank you, 15 Mr. Barkley. MR. JETTER: Good morning, I'm Justin 16 Jetter with the Utah Attorney General's Office, and 17 I'm here today representing the Utah Division of 18 Public Utilities. And with me at counsel table is 19 20 Charles Peterson with the Division. 21 PRESIDING OFFICER HAMMER: Are there any 22 preliminary matters before we begin? MS. HOGLE: 23 Just one question. 24 Mr. Barkley, do you also have the admission pro hac 25 vice from the State of Utah to be here?

Page 7 1 MR. BARKLEY: The new rules do not require 2 the admission of pro hac vice for out-of-state attorneys; they simply require that you present the 3 4 Commission with a certificate of good standing from the State Bar. 5 6 MS. HOGLE: Okay. Thank you. MR. BARKLEY: It is a new rule. It's not 7 even codified yet. It became effective, I believe, 8 in October. 9 10 MS. HOGLE: Thank you. 11 MR. BARKLEY: You're welcome. 12 PRESIDING OFFICER HAMMER: With that we'll 13 go ahead and proceed. 14 Mr. Barkley, are you prepared to call a 15 witness? 16 MR. BARKLEY: We are, Your Honor. We would be begin by calling Mr. Dustin Shively. 17 PRESIDING OFFICER HAMMER: And does 18 19 counsel have any preferences whether witnesses take 20 the stand? With this many it might be easier. 21 MR. BARKLEY: I would be delighted for him 2.2 to take the stand. Actually, I think it's probably 23 the simplest. 24 PRESIDING OFFICER HAMMER: Okay. Please, Mr. Shively. 25

Page 8 1 Mr. Shively, do you swear to tell the 2 truth? 3 THE WITNESS: Yes. 4 PRESIDING OFFICER HAMMER: Thank you. Go 5 ahead, Mr. Barkley. 6 EXAMINATION BY MR. BARKLEY: 7 Mr. Shively, by whom are you employed? 8 Q. Is this on? Clenera, LLC. 9 Α. 10 Okay. And what are your job 0. responsibilities and your job title at Clenera? 11 12 Α. I am director of engineering, and I'm 13 responsible for all of the technical oversight for 14 our projects in development, construction, and operations. 15 Okay. And could you describe for the 16 0. Commission the projects that are at issue in this 17 18 case? 19 Α. The projects that are at issue in this case are 1480 megawatt AC project that is located in 20 21 Utah County, solar PV projects. 22 Q. And do the two -- do the two sets of projects have names that are commonly used? 23 24 Α. Yes. The Faraday -- there's a group of seven called the Faraday projects, and the other 25

Page 9 group are called the Goshen Valley projects. 1 2 Q. And when was the -- I would just like to walk through with you the timeline of events in the 3 4 case. When was the first request from Clenera to 5 PacifiCorp for indicative pricing for the Faraday 6 projects? 7 8 Α. The first request for the Faraday projects 9 for indicative pricing was November 2nd, 2016. And when was the first request for 10 0. 11 indicative pricing for the Goshen projects? 12 Α. November 15th, 2016. 13 Were there any subsequent changes to those 0. 14 requests? 15 Α. We later -- in December we had -- we Yes. had a larger batch of projects in the Faraday 16 projects that originally went in for pricing and we 17 withdrew seven of those because we had different 18 on-line dates, and we decided to not proceed with 19 20 those projects. And on the Goshen Valley projects we 21 later changed the point of interconnection. The site 22 remained the same, but there's multiple lines across 23 the property. So we swapped from one line to the 24 other line and changed the points of interconnection. Did the changes that you made in December 25 Q.

Page 10 of 2016 affect the deadline for the indicative 1 2 pricing on the Faraday projects? Α. Those -- the original -- when we 3 Yes. 4 removed seven projects from the list, the other seven then were repriced, or sort of -- they maintained the 5 6 queue position in the pricing queue, but the pricing was recalculated. 7 Did it affect the indicative pricing 8 0. 9 request for the Goshen projects? No, those ones were still under the same 10 Α. procedure. 11 12 Q. When did you first receive indicative 13 pricing for the Goshen projects? The first -- and I believe we received the 14 Α. first Goshen Valley pricing on December 22nd, 2016. 15 And when did you receive the first 16 Q. indicative pricing for the Faraday projects? 17 January 17th, 2017. 18 Α. Were those the final indicative prices for 19 ο. both the Faraday and the Goshen projects? 20 21 Α. For Faraday, yes. For Goshen, no. 2.2 Because that change in the point of interconnection, 23 we received new pricing for Goshen later in 2017. When did you make that change to the 24 0. interconnection point for Goshen? 25

Page 11 1 Α. February 1st, 2017. 2 Q. And how did that affect the timing on new indicative pricing for Goshen? 3 4 Α. That reset the 30-day clock for PacifiCorp to provide the pricing. 5 And did PacifiCorp indicate to you when 6 Q. you were likely to receive that indicative pricing? 7 They did. Just a correction. 8 Α. After the -- or clarification, after the change in 9 interconnection? 10 11 I'm sorry, after the change in Q. 12 interconnect, yes. 13 Α. That would be delivered to us in -- I mean 14 within the 30-day period in early March. 15 When did you receive the revised Q. indicative pricing for Goshen? 16 On March 16th. 17 Α. Have you had an opportunity to review the 18 Q. October 23rd response and motion to dismiss that was 19 filed by PacifiCorp? 20 21 Α. Yes. 22 Q. And have you had a chance to review the 23 October 23rd response that was filed by the Department of Public Utilities? 24 25 Α. Yes.

Page 12 In the response filed -- or the response 1 0. 2 from the Department of Public Utilities on Page 3, there is a discussion of some of these dates involved 3 4 with indicative pricing. Do you find the dates in that discussion 5 6 to be accurate? 7 Α. Yes. A lot of the discrepancies, as far as we're talking one day here or a few days there, 8 9 has to do with the fact of when the request was made or when it was deemed complete. But by and large, 10 yeah, all of the dates are consistent with our 11 12 timeline. Just a few differences here or there on 13 when e-mails were, you know, exchanged, considering when the request was made or when it was deemed 14 complete, those kind of things. 15 16 Has Clenera made a request for form PPAs? 0. 17 Yes. Α. 18 And when was the request for a form PPA Q. 19 prepared for Faraday? 20 On March 13th of this year. Α. 21 0. And when was a request made for a form PPS 22 for Goshen? On May 12th of this year. 23 Α. And is it your understanding that both of 24 0. those were made within the applicable deadlines? 25

Page 13 1 Α. Correct, yes. 2 Q. Did you receive any confirmation from PacifiCorp as to the completeness of the PPA request 3 4 for Faraday? 5 Α. Yes. It was communicated from PacifiCorp 6 that our request was complete. 7 0. Okay. Have you received a similar 8 confirmation regarding your request for a PPA for 9 Goshen? 10 Α. I would have to confirm because right around that time is when the conversation was 11 12 continuing on Faraday. For Goshen, the confirmation 13 sort of got lumped into the discussion on Faraday. 14 0. Okay. And when you say the conversation on Faraday was continuing, what are you referring to? 15 I'm referring to whether or not we needed 16 Α. to provide a completed interconnection study to 17 receive a draft PPA. 18 And did PacifiCorp indicate to you that 19 0. you needed a completed interconnection study in order 20 21 to get the form PPA for Faraday? 2.2 Α. PacifiCorp communicated to us that we 23 needed a draft interconnection study through communicating with them, but not in the tariff was 24 25 that communicated.

1	Page 14 Q. When did they first communicate that to
2	you?
3	A. That was April of this year. April 18th
4	is the note I have when that was first communicated
5	that we would need a completed interconnection study
6	to receive a draft PPA.
7	Q. And again, does your understanding of the
8	dates on which requests were made for form PPAs match
9	the discussion of those dates in the response that
10	was filed by DPU on October 23rd?
11	A. Yes. More or less the dates for when we
12	requested PPAs are consistent, you know, minus any
13	day-here-or-day-there difference.
14	Q. Has Clenera requested an interconnection
15	study for Faraday?
16	A. Yes.
17	Q. Have you requested an interconnection
18	study for the Goshen projects?
19	A. Yes.
20	Q. When did you request those interconnection
21	studies?
22	A. The initial interconnection requests, or
23	the BNA interconnection requests, were November 29th
24	of 2016.
25	Q. And have you received any communication

1	Page 15 from PacifiCorp deeming those requests complete?
2	A. Yes. Their requests were deemed complete.
3	We exchanged you know, there was, of course, some
4	back and forth on the technical aspects of the
5	project. We had a scoping meeting, which is the
6	preliminary call before feasibility study agreement.
7	We proceeded with the feasibility study agreement and
8	executed it.
9	Q. And when were the feasibility study
10	agreements executed?
11	A. On February 15th of this year.
12	Q. And was that for both Faraday and for
13	Goshen?
14	A. Yes, for both.
15	Q. How long have you have you yet received
16	an interconnection feasibility study from the
17	utility?
18	A. We have not received a feasibility study
19	yet.
20	Q. What is your understanding of the usual
21	timing for an interconnection feasibility study?
22	A. The usual timing is about a month. The
23	FERC guidelines in the large generating
24	interconnection procedures is 45 days.
25	Q. Do you recall what the utility's tariff

Page 16 1 says will be the timeline? 2 Α. The tariff says it's a 45-day feasibility 3 study. 4 MR. BARKLEY: And I have no further questions for Mr. Shively, Your Honor. 5 PRESIDING OFFICER HAMMER: Thank you. 6 We'll begin with Ms. Hogle on cross. 7 8 MS. HOGLE: It depends. I would like to know if Mr. Ellsworth will be available as a witness? 9 MR. BARKLEY: Mr. Ellsworth will also be 10 11 available as a witness. 12 MS. HOGLE: I had intended to cross 13 Mr. Ellsworth, given that his name is on the 14 pleadings that were filed in the case. I don't know if that would be okay with you, or if we can ask your 15 16 current witness. 17 MR. BARKLEY: And I really am not trying to be a obstructionist. If there are questions about 18 19 dates, Mr. Shively is probably the better witness. I'm happy to tell you now that Mr. Ellsworth -- that 20 21 the testimony that I will elicit from Mr. Ellsworth 2.2 is really going to involve timing of QF status, the 23 relief that's requested by the Company, and the basis 24 for that belief. 25 So to the extent that the questions

1	Page 17 involve those subjects, Mr. Ellsworth is absolutely
2	the most appropriate of the two witnesses. To the
3	extent it involves dates and timelines, Mr. Shively
4	is probably the better of the two, although
5	Mr. Ellsworth is familiar with much of that
6	information as well.
7	PRESIDING OFFICER HAMMER: If Mr. Shively
8	plans to stay around, I would be happy to allow
9	Ms. Hogle to call him when the Company puts on its
10	witnesses, if he'll be present.
11	MR. BARKLEY: And that's fine with us,
12	Your Honor. I am happy to proceed however you would
13	like. That was sort of to give you some background
14	on how at least we view the two witnesses and their
15	subject matter.
16	MS. HOGLE: Sure. I guess I'm hesitating
17	a little bit because typically the witness on the
18	stand would adopt any pleadings that were filed by a
19	party. And so I'm not sure if Mr. Ellsworth
20	Mr. Ellsworth or Mr. Shively is adopting the
21	pleadings that were filed and signed by
22	MR. BARKLEY: We'll have Mr. Ellsworth
23	adopt them.
24	MS. HOGLE: Okay. Thank you. Then I will
25	wait for cross-examination.

Page 18 1 PRESIDING OFFICER HAMMER: Thank you. 2 MS. HOGLE: Thank you. 3 PRESIDING OFFICER HAMMER: Mr. Jetter. 4 MR. JETTER: And I have no questions. 5 Thank you. 6 THE WITNESS: Sorry. 7 PRESIDING OFFICER HAMMER: Thank you, Mr. Shively. 8 9 Mr. Barkley. MR. BARKLEY: And with that we'll call 10 11 Mr. Ellsworth. 12 PRESIDING OFFICER HAMMER: Thank you. 13 Mr. Ellsworth, do you swear to tell the 14 truth? 15 THE WITNESS: Yes. 16 PRESIDING OFFICER HAMMER: Thank you. 17 EXAMINATION BY MR. BARKLEY: 18 19 Q. Mr. Ellsworth, can you state your full 20 name? 21 Α. Jason Ellsworth. 22 Q. And by whom are you employed? Clenera, LLC. 23 Α. 24 What is your title at Clenera? Q. 25 Α. I am president and CEO.

Page 19 1 0. And what are your responsibilities there? 2 I am responsible for the overall Α. operations of the company. The direction, in fact, 3 4 involved in day to day. Have you been involved in the preparation 5 0. of the pleadings that have been filed in this case by 6 Clenera? 7 8 Α. I have, yes. 9 ο. Are you in a position to adopt those as 10 your own testimony? 11 Yes, I am. Α. 12 Q. Have you had a chance to review 13 PacifiCorp's filings as well? 14 Α. Yes, I have. And how do you respond to the criticism in 15 Q. those claims that Clenera has not filed its Form 556 16 to obtain OF status? 17 It is typical for us and other developers 18 Α. 19 to file a 556 at a point that is closer to the actual 20 commercial operation date of the project. In fact, 21 we completed a project in Southern Utah with 22 PacifiCorp recently where the 556 was filed just 23 shortly before our commercial operation date. The reason for that is the 556 identifies 24 25 certain structural ownership elements of the project

Page 20 that may not be finalized and fully determined until 1 2 late in the billing cycle. Is it your understanding of utilities 3 0. 4 tariffs that Clenera would be required to have obtained that QF status at this stage of the 5 6 interconnection process? 7 No, that's not our understanding, and it's Α. also not typical of tariffs generally in the world 8 9 that we participate in in this utility scale solar 10 world. 11 Do you have -- are you familiar with what Q. 12 the Rocky Mountain Power tariff does in fact require 13 with regard to QF status? 14 Α. Yes. Yes, I am. And what is that? 15 Q. 16 So the requirement, as I understand it, is Α. that we -- we show that we are eligible, that we are 17 18 eligible as a QF. 19 In fact, the interesting component of a 556 is that it's a self certification anyway. So 20 21 it's not something that we look to for their judgment 2.2 or rules. Rather, we self certify at the time and place that's best necessary. 23 24 0. How do you respond to PacifiCorp's claim that the delay in processing Clenera's 25

Page 21 1 interconnection requests was justified by an increase 2 in interconnection requests across the PacifiCorp 3 system?

A. I'm surprised by the assertion. It is not consistent with the data that we have reviewed that is publicly available on the PacifiCorp Oasis system, their realtime system.

After seeing their assertion that that was 8 a limitation on their side, we pulled up, at the time 9 of their motion to dismiss, the actual data on Oasis 10 and see that, in fact, there has been a relatively 11 12 consistent drop in the number of applications since 13 2013 here in Utah to a very small number. Relative to other utilities, there's a very small number of 14 applications that are being processed and handled by 15 PacifiCorp for Utah. 16

For PacifiCorp in total, because I think they handle these applications, not on a state-by-state basis but across their systems, the applications rose in 2015 but been relatively consistent thereafter, with a kind of small bump from '15 to '16, but have been relatively consistent thereafter.

Q. Did you present data on the volume ofinterconnection requests in your October 24th

1	Page 22 response to PacifiCorp's motion to dismiss?
2	A. We did. We presented that data. We
3	thought it was important to answer the assertion that
4	that was a cause for the delay, with the data that is
5	available on-line and direct from the company. And
6	that data does indeed show that there has not been a
7	significant climb in applications.
8	Back in '15 to '16, there was about a
9	30 percent increase, and that and we have we
10	have struggled to see where how that ties to a
11	delay in terms of the study process, which is
12	scheduled for 45 days, to go from 45 days to the
13	approximate year right now that is anticipated by
14	PacifiCorp.
15	Q. Mr. Ellsworth, what relief does Clenera
16	seek in this proceeding?
17	A. So we are we are seeking for relief
18	under the tariff as it relates to the deadlines. The
19	tariff allows for an extension in the case of the
20	company delays. And we are looking at these company
21	delays and requesting that we receive a day-per-day
22	extension on developer deadlines associated with the
23	tariff as it relates to the company's delays.
24	Right now the delays are we're
25	approaching a total of a year on a 45-day project, or

Page 23 a 45-day study, and we -- based on the existing -- on 1 2 our previous experience expect that those delays may -- may exceed that as it relates to further 3 4 activities with the company. What are the specific deadlines for which 5 0. 6 the company is seeking relief? So specifically to call out two deadlines 7 Α. that are important to us, is the first -- first 8 9 deadline in which we already have a PPA executed between developer and the company within the six 10 months following the receipt of indicative pricing. 11 12 In addition to that we are -- we are looking for overall extension and delay as it relates to our 13 on-line date. 14 15 As the -- as Your Honor may be aware, the tariff calls for a 30-month limitation in terms of 16 when we file for pricing, we must indicate that our 17 on-line dates are to be within 30 months of the 18 timeline allowed for a PPA. 19 20 So -- so at the time of our -- our filing 21 for the pricing, we could not -- we could date these 22 projects no later than the end of 2019. That 23 timeline limitation has made it very difficult as we 24 have seen and have now seen a year of our processing 25 time disappear.

	Page 24
1	So that's 365 days on the first study
2	versus what is in the tariff, which is 45 days,
3	making it very difficult for us to perform in that
4	timeline. Therefore, we're asking for an extension,
5	an overall extension, to those to those dates as
6	well, to those on-line dates.
7	Q. Mr. Ellsworth, you're familiar with the
8	Department of Public Utilities response that was
9	filed on October 23rd, yes?
10	A. I am, yes.
11	Q. And you have seen the concerns that they
12	express regarding the extension of the operation
13	date?
14	A. Yes.
15	Q. Would you address those concerns?
16	A. Yeah, I think the overall the if you
17	review the I think the overall concern was was
18	pricing and relevance of pricing if those dates are
19	extended. The the challenge is is trying to
20	draw I think the challenge that's been highlighted
21	is whether or not those prices are are relevant in
22	an extended situation.
23	The reality for us, and based on the
24	numbers that we have received and our review of the
25	IRP, is the forecast for PacifiCorp is rising prices

1	Page 25 over time. So the further extension the further
2	extension of of our timelines, had we been given
3	time to greater than the 30 months, in light of
4	the time that the PacifiCorp takes on their sites,
5	those those prices on those PPAs would have been
6	higher. Right now those prices are, in fact, at a
7	very competitive level.
8	We believe that, in fact, we we are in
9	a position to hold to those, despite the ups and
10	downs in the markets and the difficulties in
11	delivering, but have spent a great deal of time and
12	energy as a company at the conclusion of other
13	opportunities that we could have pursued, to pursue
14	these projects for the benefit of ratepayers.
15	We believe that the avoided cost
16	calculations are an accurate way of identifying what
17	the impact is to the ratepayers, and that these
18	projects are, in fact, beneficial to ratepayers.
19	I think that PacifiCorp can identify or
20	I'm not sure what's appropriate in this this
21	environment to identify these prices, but they're
22	very, very competitive prices and in the context of
23	energy in general, not just solar.
24	Q. How does the timing of PacifiCorp's
25	handling of these interconnection requests compare to

Page 26 1 the handling of interconnection requests that you 2 have seen in other projects done with PacifiCorp and 3 other utilities?

4 Α. So our experience with PacifiCorp is limited. We have one -- we have project that is 5 operating, 80 megawatts, the size of one of these 6 typical projects, in -- in Southern Utah. And then 7 have run a number -- quite a number of other projects 8 9 through the process here with PacifiCorp, identifying across their system where -- where there was 10 opportunity, where there was interconnection 11 12 capacity, and where it made sense from a 13 load-proximity basis to deliver -- to deliver power. 14 We in that process have -- have identified what appears to be, I think historically, a process 15 that's been -- that's been relatively responsive, but 16 17 of late one that is -- is significantly delayed 18 without a necessary commensurate sort of set of 19 applications to justify that. With that said, our review with them on 20 21 the reasons for those delays has resulted in 22 explanations that this is -- they are pursuing a

23 serial process, which means as -- as they review each 24 project, one drops out, they have to -- they have to 25 go back and review all of the projects again. That

Page 27 is the most inefficient and slowest of all the 1 2 processes that we deal with in the utility scale 3 world. 4 What is typical in the case where there are a significant number of applications, is that 5 those applications will be handled in a cluster 6 process and studied together, and then -- and then 7 there is -- there is often in that case an ability to 8 deliver -- in fact, typically an ability to deliver 9 in roughly the 45-day timeline. 10 11 Whereas, here on the PacifiCorp side, 12 the -- some decision, the decision has been made to 13 pursue -- continue to pursue a serial process, and 14 that -- that serial process has resulted in delays beyond anything that we have experienced elsewhere 15 across the United States. 16 17 We -- we also see that in general the 18 number of applications that PacifiCorp has seen is a very -- it's de minimis, as compared to the number of 19 20 applications other utilities have seen in California and elsewhere. And those -- those processes in other 21 22 applications have continued to operate within a 23 reasonable range of that 45-day period, whereas here with PacifiCorp it's not -- it's not a minor 24

25 extension from 45 days to a few -- you know, maybe

Page 28 60 days, it's 45 -- it's going to 365 days. 1 And 2 that's been an unusual experience for us and one that we think is markedly different from the market in the 3 4 rest of the industry. 5 MR. BARKLEY: I have nothing further for 6 Mr. Ellsworth, Your Honor. 7 PRESIDING OFFICER HAMMER: Thank you. 8 Ms. Hogle? 9 MS. HOGLE: Thank you. I guess I'll 10 start. 11 EXAMINATION 12 BY MS. HOGLE: I guess I'll start with what you just 13 0. 14 mentioned as being the typical process that you're 15 used to. Can you provide the basis for that 16 testimony? 17 18 Α. Yes. So we have -- we -- we as a company 19 and individuals have been in the development space and working with interconnection and projects for the 20 21 better part of a decade, and in that process have 22 made hundreds, and if not thousands, of 23 interconnection applications and worked through that process with various utilities, mostly in the west 24 but also in the southeastern United States. 25

1	Page 29 So with that I would say the number of
2	utilities that we have worked with exceeds exceeds
3	40. And so the sample size is relatively large, both
4	in terms of applications and running through that
5	process, as well as as actual utilities that we
6	have interfaced with.
7	Q. Okay. Thank you.
8	I want to take you to the reply that you
9	filed on behalf of Clenera. Do do you have it
10	with you?
11	A. I don't have it in front of me, no.
12	Q. Okay. So if I were to ask you questions
13	in that reply, would you could I jog your memory
14	for you to be able to respond to my questions?
15	A. I'll do the best I can.
16	Q. Okay. Thank you.
17	MR. BARKLEY: Ms. Hogle, are we referring
18	to the October 24 reply?
19	MS. HOGLE: We are. We are referring to
20	Clenera's reply to Rocky Mountain Power's response.
21	Q. BY MS. HOGLE: So in the first page of
22	that reply, I believe you stated, given that you
23	signed the pleading, "PacifiCorp gives no reason for
24	their last-minute change in position." And I believe
25	that you were talking about the extension that we're

1	Page 30 talking about here. Is that correct?
2	A. Yes. In fact, I think the the reply is
3	in the context of PacifiCorp originally was very
4	clear about supporting our our effort to extend.
5	In fact, noting that they had made a decision
6	internally to extend. And due to delay their own
7	delay as the company, that was the subject of
8	conversations with with Kyle Moore at PacifiCorp.
9	Later on Kyle Moore came back and
10	indicated that on discussion with the Department of
11	Public Utilities and the and the consumer
12	services, that that they they were advised that
13	they could not do that, and that the company,
14	therefore, had taken had had determined that
15	that was not not possible. But had it been, they
16	were still in support of, and and yet they were
17	unable to unable to proceed because of limitations
18	with these other agencies.
19	So when I said that the company had
20	changed their position, that is so the motion to
21	dismiss was was a very different tact than them
22	supporting our effort to to make an extension. In
23	fact, in that motion to dismiss, they referenced
24	another docket that was filed before the Commission
25	with sPower, in fact, where they they cited these

Page 31 very -- these very delays as delays which were 1 2 recently these kind of delays, of delays for which it was a reason for them to extend the process, extend 3 4 the deadlines. So taking that different tact with us and 5 opposing that, I -- I view that as without 6 explanation and without -- without -- without context 7 in terms of the communication. 8 9 0. Thank you. 10 I'm also going to reference your complaint that you also signed. And in that complaint, on the 11 12 last page you state, ". . .approximately two weeks 13 after the meeting and discussion of PacifiCorp's proposed solution, Developer received the following 14 communication from PacifiCorp." And I quote, "after 15 further review and discussions with the staff of both 16 the Division of Public Utilities and the Office of 17 Consumer Services, the position of Rocky Mountain 18 19 Power is that delays caused by PacifiCorp Transmission are not contemplated as RMP delays and 20 21 should not extend the timeline in the Schedule 38 22 tariff." 23 Isn't that a reason that you stated in your complaint? 24 25 So that's consistent with -- with the Α.

<b></b>	Page 32
1	facts I just I just referred to, in that
2	PacifiCorp had turned to the DPU and consumer
3	services and and indicated that their their
4	their lack of support for this and their opposition
5	it was was a cause for them as a company to
6	change change directions.
7	And and so the that is that's
8	consistent in terms of the direction, inconsistent in
9	terms of the sentiment that was expressed by
10	PacifiCorp.
11	Q. And so given that PacifiCorp and you
12	yourself quoted the A reason, or a change in
13	position, that is not consistent, is it, with what
14	you said in your reply when you said, PacifiCorp
15	gives no reason for their last-minute change?
16	A. When I when I noted their last-minute
17	change, I wasn't I wasn't noting that that they
18	were that they were looking to different reasons.
19	I was noting that PacifiCorp was changing their
20	sentiment, in fact saying that their their
21	perspective was that this was not something that they
22	had supported at all, which in fact was not true.
23	From from the beginning PacifiCorp was
24	in support of an extension. Their history has been
25	to support extensions in the case that delays were

1	Page 33 caused by the company. And so this the the
2	sentiment had changed.
3	Q. Okay. But unlike or contrary to what you
4	said in the reply that PacifiCorp gave no reason for
5	this last-minute change on the sentiment of the
6	extension, in fact in the in your complaint you
7	actually quoted PacifiCorp's reason. So there was a
8	reason that you yourself quoted in your complaint.
9	And so that would be inconsistent with your reply
10	that there was no reason, correct?
11	A. I disagree. I think you're speaking to
12	rational for the reasons for making a decision. I'm
13	speaking to the sentiment behind the decision.
14	Q. Okay. Thank you.
15	Going back to the reply that you filed and
16	your claim that PacifiCorp's behavior in this matter
17	results in economic harm to stakeholders. Do you
18	do you recall that?
19	A. Yes. Yes.
20	Q. Are you aware of the approved term for a
21	power-purchase agreement in Utah?
22	A. I am very aware of the approved terms for
23	a power-purchase agreement in Utah.
24	Q. And and what is that?
25	A. Right now for projects of this size, it's

Page 34 15 years. 1 2 Q. Okay. Are you aware of the fact that PacifiCorp passes through its energy costs to its 3 4 customers in the State of Utah? I'm aware that this is -- this --5 Α. Yes. this is rate based. 6 7 0. And that's 100 percent? Are you aware of 8 that subject? Would you agree that it's 100 percent 9 passed through, meaning customers ultimately pay for the avoided-cost pricing that are provided? 10 11 Correct. I'm aware that avoided cost Α. is -- is supported by customers. 12 13 Okay. And so Clenera is seeking a 0. 14 power-purchase agreement for a term of 15 years; is that right? 15 16 That is correct. Α. And isn't it true that the commercial 17 Q. 18 operation date has an impact on avoided-cost pricing? 19 Α. It does. As that explained the commercial date, the further that it's pushed out is 20 21 typically -- is typically the higher. So it does 2.2 have -- it does have an impact on pricing. 23 0. And so if PacifiCorp doesn't know whether Clenera can meet that commercial operation date, the 24 avoided-cost pricing may not be accurate, correct? 25

Page 35 1 Α. If the -- it is correct that if the -- if 2 the timing changes, the pricing calculation would be different at the point of calculating that pricing, 3 4 ves. And so isn't it reasonable for the company 5 0. 6 to require that information prior to that information, meaning the commercial-operation date, 7 prior to providing a power-purchase agreement with 8 9 avoided-cost pricing that would be locked in for 10 15 years? 11 It's entirely reasonable. In fact, it's Α. 12 something -- it's a similar process that's pursued in many other utilities. Those -- those timelines are 13 important to both the utility and the developer. 14 15 And so whether the prices are high or low Q. is really not relevant, it's -- what's relevant is 16 that they be accurate; would you agree with that? 17 I think that the -- when you're talking 18 Α. 19 pricing and timing, both are very important and both parties need to be able to rely on timing. Timing is 20 21 critical to these -- these projects? 2.2 So, in fact, we are entirely subject to 23 and reliant on the timing that's provided in the tariff, on the timing by way of commitments that are 24 made by PacifiCorp. 25
Page 36 1 So as the company -- as the -- as the 2 company delays, we -- we have -- we have no other recourse than under the tariff to look for 3 4 extensions. 5 But, yes, the timing -- timing is 6 important. 7 0. And the pricing? The accuracy of the pricing is important, correct? 8 Pricing and timing are tied, absolutely. 9 Α. 10 0. Okay. All right. 11 And so if the company locks in a PPA with 12 a QF for 15 years and the pricing is not accurate, 13 that would be an economic harm to its customers, wouldn't it? 14 15 Α. I think you just made an intellectual leap between accuracy and economic harm. Economic harm 16 would presume that the pricing were, in fact, higher 17 than it would otherwise have been. I think that had 18 there been at that time a clear understanding that 19 PacifiCorp was not going to perform within the 20 21 timeline that was provided, that in fact we could 2.2 have gone to a later date to accommodate the 23 PacifiCorp timing. I think, in fact, the pricing would have been higher. 24 25 So -- so that's -- and that's consistent

1	Page 37 with the pricing that was received. We got pricing
2	for a 2018 project, we got pricing for 2019. 2019
3	pricing was higher, and that's consistent with the
4	IRP. Which leads me to the conclusions, if we are to
5	make conclusions, then in fact, this would have been
6	an economic benefit to ratepayers to take a later
7	date versus the original date.
8	And and judging this process based on
9	current timelines that have been imposed and created
10	by PacifiCorp's lack of lack of performance is
11	a is a mismatch with what is originally and most
12	importantly a process whereby we are we are given
13	pricing based on the timing and the and the
14	conditions at the outset of a project.
15	Q. And economic harm can result not only when
16	prices when higher but also if prices are lower than
17	they should be, correct?
18	Because if if you lock in something
19	if you lock in a contract that is lowering prices,
20	for example, then economically it might not make
21	sense because, you know, for 15 years those prices
22	are locked. And given the length of the contract,
23	the point is that the pricing should be accurate, not
24	lower, not higher, but accurate.

1	Page 38 harm for higher or for lower prices, in the
2	context of rate base, is doesn't tie to my
3	experience in in mathematics and economics. The
4	lower the price, the more the rate base that the
5	consumer benefits.
6	Whether or not we as a company are able to
7	deliver at that price is our responsibility. The
8	tariff doesn't speak to that. The tariff speaks to
9	pricing and timing and the process whereby the
10	company and we as a developer are are tied
11	together in a process to deliver a product at a given
12	price. And that price, if it is lower for for the
13	consumer, that's ideal, and that's something that we
14	strive for as a company.
15	MS. HOGLE: I have no further questions.
16	Thank you.
17	PRESIDING OFFICER HAMMER: Thank you.
18	Mr. Jetter.
19	EXAMINATION
20	BY MR. JETTER:
21	Q. Good morning. I do have a few questions.
22	I would just like to sort of clarify a
23	little bit with something that you had stated in your
24	cross-examination and I believe also today in your
25	direct testimony.

1	Page 39 Is it accurate to to kind of rephrase
2	what you said a few minutes ago, that your basis for
3	understanding that a later interconnection date would
4	potentially have a higher price was due to a
5	repricing that changed the on-line date early in the
6	project and that gave you a slightly higher price?
7	A. No, it's not due to the repricing. So we
8	originally submitted for both 2018 and 2019 prices,
9	and on the repricing pushed pushed our 2018 back
10	to 2019.
11	To the point of with respect to economics,
12	we determined the economics were were not
13	favorable, were not not attractive, for the 2018
14	time frame. We also determined at that time that
15	that 2018 was not was not a workable time frame
16	within the process that that is allowed here.
17	But those those prices came came out
18	showing showing, in fact, a rise in price to 2019,
19	which, in fact, does tie to the IRP and and would
20	be expected in in the aurora modeling that takes
21	place behind this.
22	Q. Okay. So are you aware of any direct
23	connection between the IRP process and avoided-cost
24	pricing?

Page 40 this -- this utilizes aurora in it's -- I think 1 2 that's my understanding that the aurora pricing modeling tools are used to reach the avoided costs 3 4 here. 5 The inputs and information are -- are the same inputs and information, or should be the same 6 inputs and information, used in the IRP process. 7 8 They're both -- they're both represented to the state and to all -- all stakeholders that are involved 9 in -- in looking at the pricing of energy and in the 10 long-term equation for the utility and for those that 11 12 participate with the utility. 13 Would it be surprising for you to learn, ο. or would you, subject to check, that IRP pricing 14 forecasts have consistently been higher than QF 15 16 pricing contracts? 17 It would be -- no, it's not surprising, in Α. 18 terms of the -- the quantum, correct, that that is --I think that is correct. 19 Okay. And I assume in your capacity in 20 Q. 21 your employment that you follow wholesale market 22 prices during solar hours? 23 Α. We do, yes. And what would you describe the trend of 24 0. those over the past five years? 25

Page 41 1 Α. So the wholesale pricing is -- well, in 2 what market? 0. Any of the western hubs that are 3 interconnected into that system, of course. 4 So the western hubs are -- we could spend 5 Α. a lot of time talking about the western hubs and 6 what's been happening in pricing. But it's --7 Just use kind of a Palo Verde. 8 Q. So Palo Verde and others have been 9 Α. Yeah. impacted by very low natural gas rates. 10 Those natural gas rates have hovered near -- have dropped 11 12 to historic lows. But that -- and that follows some 13 cyclical patterns associated with -- associated with 14 gas, also advances in technology and other things on the gas side. 15 16 The other impact that's been a push type, so say Palo Verde, on the renewable side where we and 17 others have been successful at driving -- driving 18 costs down and continuing to drive costs down. 19 20 So generating depends on the time of the 21 day, but certain times of the day are actually quite 22 expensive for power, and others are -- are not, based 23 on the generation mix of any given utility. And so following up on that, would you --24 ο. 25 would it be accurate to say over the past five years,

Page 42 for example, the prices during those hours have been 1 2 trending down? 3 During the last five years, yes. Α. 4 ο. Okay. And would it be fair to say that a 5 one-year extension or comparison that you received during your indicative-pricing request comparison may 6 not be an accurate reflection in other changes in 7 on-line dates, like the consecutive year pushing this 8 9 out? 10 I think that the reality is that all Α. future pricing is based on forecasting at the time, 11 12 and forecasting based on what limited information one 13 might have. As I understand it, PacifiCorp, like many 14 of us, has -- has affiliates that also participate 15 16 in -- with -- with avoided cost, and that avoided cost is said in a similar process, using -- you know, 17 18 locking in on rates based on forecast, based on 19 avoided cost, and a profile that uses the best information that PacifiCorp and others have -- the 20 21 Commission and others have in setting those rates. 22 Q. Okay. And so just to kind of tie this 23 down a little bit. You don't know, do you, whether extending the on-line date would have resulted in a 24 higher or lower price for another year, for example? 25

1	Page 43 A. So had we had we at the time that we
2	filed been able to insert a later date than the
3	30-month limitation provides, we having not done it
4	and not having been able to do it, we don't have
5	specific information about it. All we can say is
6	that the underlying information and the profile for
7	those those projects in fact shows an increase.
8	And I will I'll revise my statement
9	slightly and say that under under PacifiCorp's
10	tariff, we can take a and PacifiCorp allows us to
11	take an average price, weighted price, over that
12	period of time or or a variable price based on
13	their forecast. Those variable prices showed prices
14	increasing over time.
15	So, in fact, in a much more detailed way
16	we can see a profile coming out of that pricing,
17	whether it was 2018 or 2019 that showed a consistent
18	increase in pricing over time. And even today we see
19	that in the pricing that has been provided by
20	PacifiCorp.
21	So so I would say that definitively we
22	can say that if if that same data were used,
23	absolutely we would have had a higher price for
24	for a later date. Did we did we actually get a
25	later date with with another price? No, because
1	

Page 44 it's not allowed in the process. And it wasn't 1 2 anticipated it would be needed. Okay. Just to clarify, you said you can't 3 Q. 4 definitively say or that you can definitively say that it would have been higher? 5 6 Α. No, I can say that it would have been 7 higher based on the information that was provided to 8 us, yes. Okay. So they provided information for 9 Q. the value of the 16th year? 10 11 So they did provide information for the Α. 12 value of -- they did not provide information for the value of the 16th year, but they had the trajectory 13 14 for the full 15 years. Okay. So you're saying that you can 15 Q. definitely confirm today what would have been in the 16 16th year? 17 18 Α. I have not, no. 19 Q. Thank you. 20 MR. JETTER: Those all the questions that 21 I have. 2.2 PRESIDING OFFICER HAMMER: Any recross? 23 MR. BARKLEY: Just a couple, Your Honor. 24 111 25 111

1	Page 45 EXAMINATION
2	BY MR. BARKLEY:
3	Q. Mr. Ellsworth, there was some discussion
4	earlier regarding a reference in PacifiCorp's motion
5	to dismiss to another docket. I'm looking at Page 3
6	of that motion to dismiss, where PacifiCorp says, "As
7	the Company previously stated in Docket
8	No. 17-035-13, PacifiCorp Transmission has
9	experienced an unprecedented surge in interconnection
10	applications, primarily from developers in Utah and
11	Wyoming."
12	Is that the docket to which you were
13	referring? I ask that just to see if that's the
14	right docket number reference.
15	A. Yes, that's correct. That's the correct
16	docket.
17	Q. There was also some discussion about
18	whether or not PacifiCorp had given a reason for
19	their change in position. Do you remember that back
20	and forth?
21	A. That's that's right.
22	Q. Okay. When PacifiCorp informed you that
23	they were changing their position based on meetings
24	with the Department of Public Utilities and the
25	Office of Consumer Services, what actions did you

1	Page 46 <b>take in follow-up to that?</b>
2	A. So we we asked for contact information
3	as it related to those agencies and and so that we
4	could follow up and confirm. It took us multiple
5	contacts and then a follow-up in-person meeting
6	before PacifiCorp provided us that contact
7	information.
8	We then with that contact information in
9	hand reached out to and made direct contact with both
10	agencies. The first consumer services said that, in
11	fact, they did not to paraphrase, did not have
12	anything to do with this and and were not would
13	not be involved in or have an opinion associated with
14	this process.
15	And then on our contact with the
16	Department of Public Utilities, they indicated they
17	did not recall ever having this conversation with
18	PacifiCorp, but, in fact, had been a part of this
19	recent docket that was referenced by PacifiCorp in
20	their response I'm sorry, in their their motion
21	and and had been successful in extending dates,
22	and that they would generally be be supportive if
23	there was a similar fact part pattern from the
24	standpoint of delays by the company.
25	Q. Other than the concern expressed in DPU's

1	Page 47 response regarding the on-line date, has either DPU
2	or the Office of Consumer Services expressed to you
3	any concern with your request of extension, for
4	example, the six-month deadline for executing a PPA
5	following indicative pricing?
6	A. No, they have not. And I think on the
7	note of extension, and I think we understand the

8 concern on timeline and pricing. Not knowing what 9 the 16th year pricing would be, we as a company would 10 be very open to -- to an update on that 16th year, 11 whatever that 16th year update would be, but 12 otherwise holding to the pricing that -- and 13 methodology for the remaining -- remaining years that 14 were provided to us.

Q. So based on your follow-up actions, your follow-up conversations, with DPU and the Office of Consumer Services, did you conclude that PacifiCorp had provided any compelling rational for its change in position?

A. No. In terms of the compelling rational, we concluded that, in fact, neither of these agencies showed any sign of having any meaningful dialogue with PacifiCorp, and it was surprising to us that that was used as the rational for a change in position, when neither agency really could -- had

1	Page 48 enough enough of a dialogue to even recall having
2	had the dialogue, one. And, two, one one of the
3	agencies was totally disengaged, not involved, and
4	had little concern for this, and the other agency was
5	supportive of our our effort to extend.
6	MR. BARKLEY: I have no further questions,
7	Your Honor.
8	PRESIDING OFFICER HAMMER: Thank you.
9	And just one follow-up from me. And this
10	is really a legal question, so I'll invite your
11	counsel to answer if he deems it appropriate.
12	But you have referenced a couple of times
13	this 45-day expectation of a turnaround time with
14	respect to the feasibility study. Of course,
15	Schedule 38 references the OATT. I didn't see a
16	portion of the OATT quoted so I went and read it, and
17	I think what you're referring to is in Section 41.3.
18	Can you confirm if that's the case?
19	MR. BARKLEY: I believe that's right. If
20	you'll give me just a moment, I do have it.
21	PRESIDING OFFICER HAMMER: Sure.
22	MR. BARKLEY: Yes, Your Honor, I'm on
23	Page 143 of the Open Access Transmission Tariff for a
24	Collective Transmission Tariff Volume No. 11 for
25	PacifiCorp. And it is Section 41.3, which says
1	

	Page 49
1	Transmission provider shall use reasonable efforts to
2	complete the interconnection feasibility study no
3	later than 45 calendar days after transmission
4	provider receives a fully executed interconnection
5	feasibility study agreement.
6	PRESIDING OFFICER HAMMER: Thank you.
7	That's helpful.
8	You're excused, Mr. Ellsworth.
9	MR. BARKLEY: Your Honor, that's all we
10	have.
11	PRESIDING OFFICER HAMMER: Okay.
12	Ms. Hogle.
13	MS. HOGLE: Thank you. The Company calls
14	Mr. Mark Tourangeau.
15	PRESIDING OFFICER HAMMER: And before I
16	swear you in, would you mind spelling your last name?
17	THE WITNESS: Certainly. Last name is
18	T-O-U-R-A-N-G-E-A-U.
19	PRESIDING OFFICER HAMMER: Mr. Tourangeau,
20	do you swear to tell the truth?
21	THE WITNESS: You got it.
22	PRESIDING OFFICER HAMMER: Do you swear to
23	tell the truth, sir?
24	THE WITNESS: I do.
25	PRESIDING OFFICER HAMMER: Thank you.

1	Page 50 EXAMINATION
2	BY MS. HOGLE:
3	Q. Good morning, Mr. Tourangeau. Once again,
4	maybe for the reporter benefit, can you state and
5	spell your name for the record.
6	A. Yes. Mark Tourangeau,
7	T-O-U-R-A-N-G-E-A-U.
8	Q. And by whom are you employed and in what
9	capacity?
10	A. I'm employed by Rocky Mountain Power as a
11	director of commercial services, where I oversee our
12	negotiations and relationships with our large
13	industrial customers that we have special contracts
14	with. I also work with customers who are looking to
15	purchase renewables through our green tariffs. And
16	then I also oversee our qualifying-facility process
17	under PERPA for the Rocky Mountain Power territory.
18	Q. And is this the first time that you have
19	testified in the State of Utah?
20	A. It is.
21	Q. So given that, can you please provide a
22	brief background of your service.
23	A. Certainly. So I have over 20 years of
24	experience in the energy industry. Previous to Rocky
25	Mountain Power, I joined Rocky Mountain Power just

1	Page 51 about a year ago. Previous to that I worked for
2	eight years for NextEra Energy out of Florida, which
3	is the largest renewable zone in North America. I
4	also worked for Morgan Stanley Commodities and for
5	Duke Energy.
6	Q. Thank you.
7	And are you familiar with the complaint
8	that was filed by Clenera on September 22nd, 2017?
9	A. I am.
10	Q. Are you familiar with Rocky Mountain
11	Power's response to that complaint October 24th,
12	2017?
13	A. Yes.
14	Q. Did you assist in the preparation of that
15	response?
16	A. I did, yes.
17	Q. And so you're comfortable adopting that
18	response as your own testimony today?
19	A. Yes, I am.
20	Q. And responding to the questions about that
21	response?
22	A. Correct.
23	Q. Okay.
24	MR. BARKLEY: Could we just could we
25	clarify the date on that? Was it 24 or 23?

Page 52 MS. HOGLE: I believe that was 1 2 October 23rd, 2017. 3 THE WITNESS: That's the date I have. 4 MR. BARKLEY: Thank you. 5 0. BY MS. HOGLE: Do you have any changes 6 that you would like to make to that response? 7 Α. No, I do not. 8 MS. HOGLE: If it pleases the Commission 9 at this time, I would like to enter into the record as Mr. Tourangeau's testimony the Company's response 10 filed October 23rd, 2017. 11 12 PRESIDING OFFICER HAMMER: Hearing no 13 objection, it's admitted. MS. HOGLE: And I would like that to be 14 marked Rocky Mountain Power Exhibit 1. 15 16 (Whereupon, Rocky Mountain Power 17 Exhibit 1 was marked for identification.) 18 19 ο. BY MS. HOGLE: Mr. Tourangeau, are you also familiar with the reply that was filed by 20 21 Clenera October 24th, 2017? 2.2 Α. Yes, I am. 23 0. Did you prepare a summary of your response to the complaint and the reply to the Company's 24 response that you would like to share today? 25

Page 53 1 Α. I did, yes. 2 Q. Please proceed. 3 Thank you. I really just want to make Α. 4 three points. The first one is our tariff and procedures in Schedule 38 are very clear, that the 5 6 interconnection process and the PPA indicative 7 pricing and negotiation process are two very separate 8 processes. It's mentioned a couple times in 9 Schedule 38. 10 Schedule 38 also provides a directive to 11 OF developers that they should start the 12 interconnection process as soon as possible because 13 it can be a lengthy and time consuming process. And PacifiCorp Transmission Services is the part of the 14 company that runs that. PacifiCorp Merchant, of 15 16 which I'm apart, is running the PPA contracting process. We, in fact, cannot have communication with 17 the core transmission services due to fair code of 18 19 conduct rules, unless we're granted a waiver provided 20 by the QF developer. 21 In any case, those processes are very 2.2 different, very separate, and the tariff is very 23 clear that our customer or our developer is developing the OF, should initiate that 24 25 interconnection process as soon as possible and well

1	Page 54 before the PPA negotiation process, in which this
2	situation that really didn't happen. They were
3	really done contemporaneously or, actually, after the
4	interconnection specifications were corrected by
5	Clenera for Faraday and Goshen, it happened after
6	they had requested indicative pricing.
7	So that is the first point.
8	My second point is, you know, due to the
9	tariff, we are unable to start negotiation on a PPA
10	until we have a series of information, series of
11	facts, from the QF developer, including, as
12	Schedule 38 says, their status on their
13	interconnection process. We take that to mean that
14	they need to establish an interconnection date
15	through a feasibility and system impact study done
16	with the support of Transmission Services to be able
17	to prove out that they can interconnect to our system
18	at or about the same time that they anticipate
19	bringing the project to commercial operations.
20	In Clenera's case Clenera, excuse me,
21	we are of a mind that given the challenges of taking
22	1120 QF megawatts and integrating those onto our
23	system using the approved methodology that PacifiCorp
24	Transmission Services has under our OATT to study
25	that, we cannot in good faith under Schedule 38
1	

Page 55 negotiate a PPA with them or keep them in our pricing 1 2 queue until those studies are completed and they can prove that their stated TOD date coincides with their 3 4 actual interconnection date under those studies. The third point is more just goes towards 5 equity overall with respect to all of our customers 6 and stakeholders. And, you know, counsel mentioned 7 it in terms of making sure that the pricing is 8 9 representative of the COD date when the QF facility 10 is going to come on-line. 11 I am totally indifferent as to the level 12 of that pricing. It just needs to be right in terms 13 of when that pricing starts, when our indicative pricing starts, has to be associated with the date 14 that that site goes commercial. Otherwise, there's a 15 total mismatch there and it is not fair to our 16 17 customers, in that the avoided cost pricing is not representative of when the site will actually become 18 commercial and operate for the 15 years it's under 19 20 contract. It's not fair to other developers who are 21 held to this standard, and it's not fair to the --2.2 all of our other stakeholders as well. 23 So we strive to main equity from that 24 perspective, and we feel that the action we have 25 taken, which were very deliberative, we took a lot of

1	Page 56 time, and I'm first to admit that, and it could have
2	gone more quickly in terms of our response. But we
3	had a very deliberative process after the
4	conversations with the DPU, which unfortunately they
5	don't recall it was done in a general sense, it
6	wasn't done with respect to the Clenera situation
7	specifically.
8	Our representative Kyle Moore
9	distinctively remembers having the conversations, and
10	unfortunately the representative from the Commission
11	and Consumer Services don't.
12	But given that feedback and then a very
13	in-depth analysis that we did over the next few
14	weeks, we feel justified in following our process and
15	upon notice of Schedule 38 and taking the actions of
16	the tariff.
17	MS. HOGLE: I don't have any further
18	questions. Thank you.
19	Q. BY MS. HOGLE: Or do you have any final
20	comments, Mr. Tourangeau?
21	A. Yeah. I mean, I just I struggle
22	sometimes when we talk about, you know, the
23	economics. And I don't think we're here to debate
24	the economics of the QF facility and whether it's
25	good or bad for ratepayers. We could have that
1	

2These this is unprecedented for us to3have 14 different QF facilities of 80 megawatts each.4Basically it's one solar development coming onto our5system in one location. The impacts on the6transmission system are large, and I think our7representative from Pat (phonetic) Transmission will8speak to that.9But the impacts are great. And so you10can't really talk about the economic impact just in11terms of rates because there are broad economic12impacts across the entire states that we serve13associated with it.14So we want to make sure we're have been15deliberative, very fair with respect to this huge16project that is coming on-line as 14 separate 8017megawatt QF facilities that I'm sure are probably a18mile apart. And we want to make sure that we are19following our procedures to a T, because this size of20project will have massive implications for our21customers for fairness and for our system. So we22want to make sure that we're being thoughtful for all23of our customers and stakeholders.24MS. HOGLE: Mr. Tourangeau is available25for questions. Thank you.	1	Page 57 debate and it could last for hours and hours.
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	23	of our customers and stakeholders.
25 for questions. Thank you.	24	MS. HOGLE: Mr. Tourangeau is available
	25	for questions. Thank you.

Page 58 1 PRESIDING OFFICER HAMMER: Mr. Barkley. 2 MR. BARKLEY: I do have some questions, Your Honor. 3 4 EXAMINATION BY MR. BARKLEY: 5 6 Q. Good morning, Mr. Tourangeau. 7 Good morning, sir. Α. Is it your testimony that Rocky Mountain 8 Q. 9 Power has historically required a completed facility study before tendering a form of PPA and beginning 10 11 negotiations? 12 Α. My understanding is that we have to have proof that a facilities study has been done that 13 proves that the interconnection can be made at or 14 around the stated C.O.D. Now, I've been here for a 15 year, so I'm not sure if that is always what we 16 followed in the past. But based on our read of the 17 18 tariff, that's what we're looking at. 19 ο. Is it your understanding that the tariff requires demonstration that an interconnection study 20 has been completed before you can -- before you can 21 22 provide the form of PPA? 23 Α. And let me pull up the tariff here real 24 quickly so I can speak to that. The tariff says there's evidence that any 25

1	Page 59 necessary interconnection studies that are underway
2	and that the necessary interconnection arrangements
3	can timely be completed in accordance with Part 2
4	sufficient for the projects to reach amortization by
5	the proposed on-line date. Our interpretation of
6	that is that until the study is done, there is no way
7	for us to have determined, based on this core
8	transmission services analysis, whether it can meet
9	it's proposed service date or not.
10	Q. Specifically, which study are you speaking
11	about? Are you speaking of the feasibility study,
12	the impact study, or the final study?
13	A. Typically the feasibility typically the
14	feasibility study.
15	Q. Okay. And is it your testimony, then,
16	that it has been the historical practice of Rocky
17	Mountain Power to require a completed feasibility
18	study before it will tender a form of PPA for
19	negotiation?
20	MS. HOGLE: Objection, asked and answered.
21	PRESIDING OFFICER HAMMER: Overruled. I
22	think he reformulated the question.
23	You can answer, sir.
24	THE WITNESS: I'm not able to answer for
25	certain historically whether that's been required.

1	Page 60 Q. BY MR. BARKLEY: Okay. I believe one of
2	the second points you made was a point of equity, and
3	you spoke about fairness to other developers.
4	You do understand, Mr. Tourangeau, don't
5	you, that all developers are depending upon the
6	process that's laid out in the company's tariffs in
7	making their investment decision on these very
8	expensive projects?
9	A. Yes.
10	Q. And do you believe that it is the
11	company's obligation to adhere to that process?
12	A. I do, yes.
13	Q. And you understand that the process that
14	is laid out in PacifiCorp's open access transmission
15	tariff calls for reasonable efforts to get a
16	feasibility study done within 45 days, correct?
17	MS. HOGLE: Excuse me, objection. Or
18	maybe not just a clarification. I wonder if that
19	question is not better answered by Mr. Fritz, who
20	will be on the stand shortly.
21	PRESIDING OFFICER HAMMER: I'll defer to
22	Mr. Barkley whether you want to reassert the
23	question.
24	MR. BARKLEY: Your Honor, I would like to
25	Mr. Tourangeau to answer that because he did opine
25	Mr. Tourangeau to answer that because he did opine

Page 61 about fairness to developers and developers 1 2 reasonable expectations. 3 PRESIDING OFFICER HAMMER: If you know the 4 answer to the question, Mr. Tourangeau, you may 5 answer. 6 THE WITNESS: Please restate the question. 7 0. BY MR. BARKLEY: Sure. Is it your 8 understanding that the company's OATT, Open Access Transmission Tariff, requires that the company use 9 reasonable efforts to complete a facility study 10 within 45 days? 11 12 Α. I'm not familiar with the specific term. 13 I believe you read it. So --14 Ο. Are you familiar with the depth -- with the timelines with the remaining two studies, the 15 16 system impact study and the final study? 17 I am not because I don't work in Α. PacifiCorp Transmissions Services. 18 19 ο. You mentioned at one point the company had a very deliberative process. To be clear, the 20 21 company is still in that very deliberative process, 22 correct? We have made our decision and communicated 23 Α. 24 it through our response. 25 When you say your decision, when you Q.

1	Page 62 refer maybe I didn't understand your testimony.
2	When you refer to the deliberative
3	process, were you referring to the interconnection
4	study process?
5	A. No, not at all. I was referring to the
6	situation at hand here where we were analyzing our
7	decision as to whether or not to continue keeping the
8	clean air projects in the pricing queue or not. That
9	is a process I'm referring to that we were
10	deliberating on over time and came to our decision,
11	which we then communicated to Clenera.
12	MR. BARKLEY: Your Honor, I have no
13	further questions.
14	PRESIDING OFFICER HAMMER: Thank you.
15	Mr. Jetter.
16	MR. JETTER: I do have just a few brief
17	questions.
18	EXAMINATION
19	BY MR. JETTER:
20	Q. So I'm going to pick one of the timelines
21	out of Schedule 38 here. So I'm looking at sub
22	it's Roman numeral I B 4, indicative pricing.
23	And it says, Within 30 days following the
24	dated QF project was added to the QF pricing queue
25	under Section I B 3, the company shall provide the QF

Page 63 1 developer with indicative pricing, et cetera. 2 Would it be reasonable for the company in that case if the timeline was 30 days to come back a 3 4 vear later? 5 Α. No, it would not. 6 MR. JETTER: Okay. That's my only 7 question. Thank you. 8 PRESIDING OFFICER HAMMER: Mr. Trudeau --9 did I get your name correct? 10 THE WITNESS: Tourangeau. 11 PRESIDING OFFER HAMMER: I apologize for 12 that. 13 THE WITNESS: That's okay. 14 PRESIDING OFFICER HAMMER: I just have one question. I'm going to read a couple of sentences 15 16 from the Complainant's initial complaint, and I wonder if you could lend any context to them. 17 18 It states, On March 13th, 2017, developer 19 made a timely request for a proposed PPA. On 20 March 21sts, 2017, the Company responded, quote, we 21 have reviewed your request for a proposed PPA, and we 2.2 find it to be complete, end quote. Nevertheless, 23 nearly a month later on the April 18, 2017, the Company requested an additional update on the 24 interconnection studies, asserting it needed to have 25

1	Page 64 the study results prior to issuing a proposed PPA.
2	And I'll end there.
3	Are those statements true?
4	THE WITNESS: That is accurate.
5	PRESIDING OFFICER HAMMER: Can you explain
6	why the Company represented that the application was
7	complete or that it had all the required information
8	it needed and later changed its position?
9	THE WITNESS: I think that may have just
10	been a case of not having gotten looking at it
11	again and looking at the response with respect to the
12	interconnection study, the feasibility study, and not
13	seeing there and responding that we need to see that
14	as well.
15	PRESIDING OFFICER HAMMER: I have nothing
16	else. Thank you, sir.
17	THE WITNESS: Thank you. Thank you, Your
18	Honor.
19	MS. HOGLE: Your Honor, I wonder if I can
20	ask a couple clarifying questions, because I think
21	it's a little bit unclear now based on what he's
22	testified about, okay?
23	PRESIDING OFFICER HAMMER: I have no
24	objection.
25	MS. HOGLE: Okay.

1	EXAMINATION Page 65
2	BY MS. HOGLE:
3	Q. Mr. Tourangeau, can you testify when the
4	first time it was that Clenera sought indicative
5	pricing or reached out to the commercial unit of
6	PacifiCorp?
7	A. I believe they sought indicative pricing
8	in November, and I believe Mr. Shively spoke about
9	that. And then there was a change to the
10	interconnection point. And so that kind of restarted
11	the process.
12	So on December 14th of 2016, they
13	requested indicative pricing for the Faraday 780
14	megawatt Farady projects. And then on February 1st
15	of 2017 they sought the indicative pricing for the
16	780 megawatt Goshen Valley projects.
17	Q. Is it your understanding that Clenera
18	sought indicative pricing before reaching out to
19	PacifiCorp Transmission regarding the transmission
20	queue and the transmission services for this project?
21	A. My understanding of the timeline for the
22	transmission services, you know, starting in late
23	November, they requested or they applied for a
24	queue number, and then later on in early January they
25	changed that from just a generally large generation

Page 66 1 interconnect agreement request to a specific 2 qualifying facility request, which would require a network resource application. 3 4 Do you have Schedule 38 in front of you? ο. 5 Α. I do, yes. 6 Q. Can you please turn to Paragraph 3 in the 7 first page? I'm there. 8 Α. Can you read for me, beginning the 9 Q. generation interconnection process, all the way to 10 11 the end? 12 Α. The generation interconnection process are 13 a critical and lengthy process that typically must be 14 well underway before a power purchase agreement should be requested. QF developers are strongly 15 encouraged to gain a clear understanding of the 16 transmission interconnection process and associated 17 costs and timelines before requesting indicative 18 19 pricing or a power-purchase agreement under this 20 schedule. The interconnection process is described 21 in Section 2 dot B of this. 22 ο. Is it your understanding that Clenera 23 followed this directive? 24 I think you could question whether they Α. 25 followed that directive.

Page 67 MS. HOGLE: Thank you. I have no further 1 2 questions. 3 PRESIDING OFFICER HAMMER: I'll allow 4 Mr. Barkley to ask some follow-up questions that he 5 may have. 6 MR. BARKLEY: I have no further questions, Your Honor. 7 8 PRESIDING OFFICER HAMMER: Thank you. 9 Mr. Jetter, any follow-up? 10 MR. JETTER: No, I don't have any 11 follow-up. Thank you. 12 THE WITNESS: Thank you, Your Honor. 13 PRESIDING OFFICER HAMMER: Thank you. You 14 are excused. 15 Ms. Hogle. 16 MS. HOGLE: I'm going to call Mr. Brian Fritz. 17 18 PRESIDING OFFICER HAMMER: Mr. Fritz, do you swear to tell the truth? 19 20 THE WITNESS: Yes. 21 PRESIDING OFFICER HAMMER: Thank you. 2.2 EXAMINATION 23 BY MS. HOGLE: 24 Q. Good morning, Mr. Fritz. 25 A. Good morning.

Page 68 1 0. Can you please and spell your name for the 2 record? 3 Brian Fritz, F-R-I-T-Z. Α. 4 ο. And by whom are you employed and in what 5 capacity? PacifiCorp as director of Transmission 6 Α. Services and Transmission Development. 7 And is this the first time that you have 8 0. testified in Utah? 9 10 Α. Yes. 11 Given that, can you please provide a brief Q. 12 background of your experience? 13 Α. Sure. I currently have over 30 years 14 experience in the energy industry, with Portland General Electric, Enron, and PacifiCorp. My current 15 responsibilities in PacifiCorp include general 16 oversight of the generation interconnection process. 17 18 Are you familiar with the complaint that 0. was filed by Clenera? 19 20 Α. Yes. 21 0. Are you familiar with Rocky Mountain 22 Power's response to that complaint filed October 23rd, 2017? 23 24 Α. Yes. Are you familiar with the issues related 25 Q.

Page 69 1 to the transmission queue that arose in that 2 complaint? 3 Α. Yes. 4 ο. So you're comfortable responding to questions related to those issues here today? 5 6 Α. Yes. Are you also familiar with a reply to the 7 0. Company's response filed by Clenera October 24th, 8 2017? 9 10 Yes. Α. 11 Are you prepared to respond to some of the Q. 12 allegations made in that reply? 13 Α. Yes. 14 0. Do you have any exhibits that support your response to Clenera's reply today? 15 16 Α. Yes. 17 Your Honor, may I approach to MS. HOGLE: provide an exhibit that Rocky Mountain Power would 18 like marked as Rocky Mountain Power Exhibit 2 to the 19 20 bench and the parties at this time before I continue 21 my direct examination? 2.2 PRESIDING OFFICER HAMMER: Of course. 23 MS. HOGLE: Thank you. 24 | | | 25 / / /

Page 70 (Whereupon, Rocky Mountain Power 1 2 Exhibit 2 was marked for identification.) 3 4 0. BY MS. HOGLE: Mr. Fritz, can you briefly 5 describe what I just passed out as Rocky Mountain Power Exhibit 2? 6 What this shows in the top graph is 7 Α. Yes. requests that have come into the interconnection 8 queue by size. Well, what you can see is between 9 2015 and '17, we have seen a large increase of the 10 projects that have been requested in the queue. 11 The 12 bottom graph shows specific to Utah the same 13 information. Again, you can see a very large uptick in 2016. 14 And, Mr. Fritz, just to describe it a 15 Q. little more, how do you compare this graph with what 16 Clenera included in its graphs in its reply to the 17 18 Company's response? 19 Α. What they provided was just the number of requests, which is just part of the story. What we 20 21 have here is an additional piece of the story, which 22 has a big impact on the interconnection queue study 23 process. 24 ο. Thank you. 25 MS. HOGLE: Would it please the Commission

Page 71 at this time, we would that RMP Exhibit 2 be entered 1 2 into the record and admitted into evidence. 3 PRESIDING OFFICER HAMMER: Any objection? 4 MR. BARKLEY: No objection, Your Honor. 5 MR. JETTER: No objection. PRESIDING OFFICER HAMMER: It's admitted. 6 7 MS. HOGLE: Thank you. 8 Q. BY MS. HOGLE: Mr. Fritz, did you prepare 9 a summary of Rocky Mountain Power's response to the interconnection queue issues that you would like to 10 11 address at this time? 12 Α. Yes, I did. 13 Please proceed. Q. 14 Α. Today I'll address the interconnection study process and how the influx of large number of 15 16 higher megawatt projects in 2016 and '17 have increased the complexity of the process and the time 17 to complete the studies. I'll also address the 18 19 limited value of bringing on third-party analysts to complete studies. 20 21 As have been stated today, PacifiCorp 22 follows the FERC open transmission tariff. The FERC regulatory commission, they govern the 23 interconnection process, including studies on a 24 25 nondiscriminatory basis.
1	Page 72 For QF interconnections in Utah, the
2	company's Schedule 38 states that we follow the
3	tariff.
4	We do as I said today, we do follow the
5	sequential order study process, which is allowed
6	under the tariff, with higher queued requests studied
7	first. This allows the company to determine the
8	system impacts for each generator and associated
9	mitigation, if any. And that's required to ensure
10	that we safely and reliably interconnect each
11	generator, and it's necessary to properly identify
12	the project that is triggering any system
13	improvements and to incorporate those improvements
14	into the study results for that project and any lower
15	queued projects.
16	Contrary to Clenera's claim, the time
17	required to study generator interconnections is not
18	simply a function of how many are in the queue.
19	That's a small piece of it.
20	One of the important factors include the
21	size, where the interconnections are proposed, if
22	they're on transmission or distribution, and the
23	activity in the higher queued projects. And what I
24	mean by that is if projects at higher queue are
25	removed from the queue.

1	Page 73 So what we see in Exhibit 2 is it
2	demonstrates that in recent years we have seen a
3	large increase in the size of the projects. Had they
4	been on the transmission system and not the
5	distribution system, as is Clenera's request, there's
6	a significant difference between studying a project
7	such as a 3-megawatt project on distribution, versus
8	a thousand fifty megawatt project such as Clenera's
9	on the transmission system.
10	And these factors will increase the
11	complexity of the study and the timeline required to
12	do those things.
13	Another complexity is in the process,
14	since we use a sequential process, if a higher queued
15	project removes from the queue, we're required to
16	then go back and restudy lower-queued projects to
17	look at the impacts that were identified with the
18	higher queued and how and do they apply to the
19	lower-queued projects. And then we would apply those
20	to the lower-queued projects.
21	So right now the Company is experiencing
22	an unprecedented spike in interconnection requests of
23	large megawatts. You can see again you can see
24	the spike in Exhibit 2. We currently have more
25	megawatts in our interconnection queue than we have
1	

Page 74 existing generation today. And it is approximately a 1 2 200 percent increase in excess of current PacifiCorp 3 east network load. 4 As an example, this single thousand fifty 5 megawatt project that Clenera is proposing, equals approximately one-tenth of PacifiCorp's existing 6 generation fleet. 7 The interconnection study process is --8 9 uses a complex powerful model to determine impacts to the system and upgrades required to maintain 10 reliability of the system. As proposed generation 11 12 increases at a pace faster than load, which we are 13 currently experiencing, the analysis becomes 14 increasingly complex. 15 With a request of this size, a thousand 16 fifty megawatts connected at the same point, the impacts are likely to be identified across a very 17 wide footprint of PacifiCorp's transmission system. 18 19 This also increases the complexity. 20 The value of independent third-party 21 interconnection study is limited at best. An 22 independent party only has access to publicly available information, and not all interconnection 23 studies are public. There's also information about 24 25 PacifiCorp's transmission system that is not publicly

Page 75 available. 1 2 Therefore, the independent third-party analyst does not have sufficient information to 3 4 complete an appropriate interconnection study. Simply focusing on one project does not provide the 5 information required and could jeopardy reliability 6 of the system. 7 So in summary, the process schedules 8 impacted by the size, location, its proposed 9 interconnect to transmission or distribution, and the 10 action of those projects that are higher in the 11 12 queue. 13 The use of third-party analysis does not 14 provide the full picture and cannot be used effectively picking one request to the queue and 15 performing an analysis without the full information 16 of all higher-queued projects. 17 Mr. Fritz, just one -- maybe one or two 18 Q. 19 questions. 20 Is PacifiCorp Transmission processing 21 interconnection request applications as quickly as 22 possible, given the sequential process it uses and 23 the complexity of the process, including as well the number and the size of the projects that are seeking 24 25 requests?

Page 76 1 Α. We're using all reasonable efforts, Yes. 2 as is stated in the tariff, to complete these studies in a timely manner. 3 4 Thank you. Q. MS. HOGLE: Mr. Fritz is available for 5 6 questions. 7 PRESIDING OFFICER HAMMER: Mr. Barkley? 8 MR. BARKLEY: Thank you, Your Honor. 9 EXAMINATION 10 BY MR. BARKLEY: 11 Good morning, Mr. Fritz. Q. 12 Α. Good morning. 13 Is it the historic practice -- excuse me. 0. 14 Is it the historic practice of Rocky Mountain Power or PacifiCorp to require a completed feasibility 15 16 study before tendering a form of PPA for negotiation? 17 I can't answer that. I am not part of the Α. 18 marketing function. I don't deal with PPAs. What I can say and what I heard earlier is that is the case. 19 20 Q. You are not personally able to provide us 21 today an example of an instance in which either Rocky 22 Mountain Power or PacifiCorp has required a completed 23 feasibility study before tendering a PPA; is that correct? 24 25 That is correct. Α.

Page 77 1 Regarding the chart that you supplied, 0. 2 what was the source of the data for this chart? Α. It's the data that is in our 3 4 interconnection queue. Is that data from your OASIS system? 5 0. I would have to go look at OASIS and see 6 Α. 7 if we actually provide the megawatt information in 8 the queue -- the queue information that we provide. 9 Q. If that's not provided, would that likely be because of confidentiality concerns? 10 11 Α. Yes. 12 Q. Would you expect this information to be 13 otherwise consistent with the data that's in the 14 OASIS system? 15 Yes, if it's provided. Α. 16 I believe you stated that you were 0. familiar with the October 23rd response that was 17 filed by PacifiCorp, correct? 18 19 Α. Correct. Is it your recollection that in discussing 20 Q. 21 the work load facing PacifiCorp that that 22 October 23rd response focused on the number of 23 interconnection requests or on the magnitude of those 24 requests? 25 Reading the document, it focused on the Α.

Page 78 number, which as I've stated, really doesn't provide 1 2 the whole picture. Now, one of the difficulties that you 3 0. 4 discussed was the difficulty of having to deal with changes ahead of an applicant in the queue? 5 6 Α. Yes. Did I word that well enough for you to 7 0. understand? 8 9 Α. Yes. You're talking about a higher gueued project that would remove itself or get removed from 10 11 the queue. 12 Q. And that's a significant problem? 13 Α. It's a consistent problem. We recently 14 have seen two very large projects removed from the queue in Southern Utah, which will have impact on the 15 16 other projects in the queue. Is that more likely to be a problem when 17 0. 18 there are two applicants or when there are 20 19 applicants? 20 Α. It's more likely to be an issue based on 21 all factors, not just the number. Again, we see 22 people remove themselves from the queue for various 23 reasons. I think a consistent reason is with these 24 larger projects, the cost to integrate them to the 25 system is sometimes very large, and I would assume

<ul> <li>and they remove themselves from the queue.</li> <li>So I would say it's probably more a</li> <li>function it's not just a function of number, it's</li> <li>a function of number and size and location.</li> <li>Q. But to be clear, if there are three</li> <li>requests in the queue and I'm No. 3, there are only</li> <li>two people ahead of me who might change their minds</li> <li>and affect my timing, correct?</li> <li>A. No. It's not just that there's two people</li> <li>ahead of you, it's how many are ahead of you that may</li> <li>or do remove themselves from the queue that then have</li> <li>an impact on you. And so that project could be in</li> <li>Southern Utah, Northern Utah, Idaho. If it has an</li> <li>impacts and the upgrades associated with that removed</li> <li>project, and those get applied down into the queue.</li> <li>Q. Maybe my question wasn't clear, because</li> <li>I'm not sure your answer was inconsistent with what I</li> <li>was suggesting. So let me try again.</li> <li>If there are only three applicants in the</li> <li>queue and I'm No. 3, there are two</li> <li>applicants decides to withdraw from the queue or</li> </ul>	1	Page 79 that that then drives their economics the wrong way
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25 applicants decides to withdraw from the gueue or	24	applicants in front of me, and if either of those two
	25	applicants decides to withdraw from the queue or

Page 80 change the parameters of their application, that 1 2 could affect me, right? In theory if there were only three 3 Α. Yes. 4 customers in the queue in the same general location or in a location that would impact you, if they 5 6 remove themselves, yes. 7 0. Okay. And if there are 40 applications in 8 the queue, and again, I have the misfortune of being 9 last, I'm No. 40, there are 39 applications in the queue ahead of me, any one of which could change, 10 either withdraw from the queue or change its 11 12 parameters, and require a restudy that would affect 13 me, right? 14 Α. That is possible, yes. And is it reasonable to suggest that if 15 Q. 16 there are 40 applications in the queue, it's more likely that some of them are in the same area or 17 region as I am and some of them may be on the same 18 transmission lines I am? 19 20 Α. It's possible. 21 0. Is it your position today that the Rocky 22 Mountain Power tariffs and/or the PacifiCorp tariffs 23 do not allow for a cluster study of the sort that was described by Mr. Ellsworth? 24 25 A cluster study or sequential studies Α. No.

Page 81 are both allowed in the Open Access Transmission 1 2 Tariff. One last topic, Mr. Fritz. 3 Q. 4 In the company's October 23rd response 5 there was a reference made to Docket No. 17-35-13, in which PacifiCorp Transmission had experienced an 6 unprecedented surge in interconnection applications. 7 Are you familiar with that reference? 8 9 Α. Yes. 10 It is correct, isn't it, that in that 0. docket PacifiCorp cited its workload as support for a 11 12 request to extend deadlines? 13 Α. Yes. 14 MR. BARKLEY: Thank you. I have no 15 further questions. 16 PRESIDING OFFICER HAMMER: Mr. Jetter? 17 MR. JETTER: I do have a few questions. 18 Good morning. THE WITNESS: Good morning. 19 20 EXAMINATION 21 BY MR. JETTER: 22 Q. I guess let's start out with, when -- when 23 did the Pac Trans unit realize that it was seeing a sufficient volume of applications coming in that it 24 was no longer able to keep to the 45-day turnaround 25

Page 82 on those? 1 2 Α. I don't have exact dates in front of me, but it would have been in, I believe, late 2015, 3 4 early 2016. And do you notify QF applications 5 0. immediately upon their application to you for a 6 interconnection study that this is the case? 7 Not immediately. 8 Α. No. 9 ο. At what point in the process do you typically notify them? 10 11 When we get an application in, there's Α. 12 many steps we go through. But when we get a deemed 13 complete application, then we hold a scoping meeting. When we have the scoping meeting, that's where we 14 would provide information on the study process. 15 16 Okay. And so would it be fair to say that 0. there's really no way for a QF to know what the 17 timeline would be before they get to that point? 18 19 Α. Again, I would have to go back and look and see what information we have on OASIS. 20 T'm 21 trying to remember if the dates are included there or 2.2 not. But that could be a way for them to see that. 23 0. Okay. In this case do you know when that 24 scoping meeting happened? 25 The scoping meeting was January 3rd, 2017. Α.

1	Page 83 Q. Okay. And do you know how soon after that
2	you had informed the applicant for these QF's that
3	that study would be delayed?
4	A. That would have been 3-14, 2017.
5	Q. Okay. Thank you.
6	Since the influx of these QF applications
7	in 2015, has the staff that do the calculations and
8	studies on this increase at Pac Trans?
9	A. First I would like to clarify that it's
10	not just an increase in QF's. We don't treat the QF
11	request any different than we do a PERC
12	jurisdictional request. They enter the same queue
13	and they're studied in the same manner.
14	We have added a consultant to help with
15	the studies during this timeframe.
16	Q. Okay. And when you say a consultant, is
17	that a consulting firm or is that an individual
18	person?
19	A. It's a consulting firm.
20	Q. Okay. Has that significantly reduced the
21	time to turn around these applications?
22	A. Initially, yes, it did. With the
23	additional influx with the size, it hasn't gone as
24	fast. When we first brought them in, we were dealing
25	more with small generation. And so it's I would
1	

1	Page 84 say it's helped, but it's slowed down a little bit.
2	Q. Okay. And is it is it accurate to say
3	that a new application today, if we hypothetically
4	created an 80-megawatt new QF at the bottom of the
5	queue in the same location in Southern Utah, that
6	they would be reasonable to expect a one-year-plus
7	timeframe?
8	A. Yes.
9	Q. Are you doing anything actively now to
10	reduce those times?
11	A. Not beyond what we have done. We have
12	looked at options. We have not found an option.
13	Q. I guess maybe to follow-up on that, could
14	you briefly describe what options you have
15	considered?
16	A. We have looked at options of breaking the
17	system up. In other words, looking at studies
18	associated with Southern Utah, Eastern Wyoming. What
19	we have found is that with the increase in the
20	megawatt size that that doesn't work. We have looked
21	to see if there's additional contractors out there
22	that could help. And we have looked at adding
23	resources, although we've only looked at that. We
24	haven't done any real analysis or decided to do it.
25	Q. And in terms of these studies, if you were

Page 85 to increase your staff doing the studies, would that 1 2 speed up the process? 3 Α. No. 4 ο. And why is that? Because we use the sequential method. 5 Α. So 6 the higher-queued project has to be studied first. And so throwing bodies at the queue doesn't 7 8 necessarily mean that you speed the process up. 9 Q. So in that sequential study, is it computer calculation time? What is taking so long 10 that increasing adding another team of other analysts 11 12 would not speed that up? 13 Generally it's the complexity of the Α. 14 analysis. And so when we see this, you know, increase in size and megawatts in the requests, it 15 involves a larger footprint of the transmission 16 system that has to be analyzed. 17 And so with the power-flow analysis, what 18 19 we're really trying to do is at the end of the day balance generation with load. So as your generation 20 21 increases beyond what your load increases, then it becomes more and more complex. It takes more time to 2.2 do the study. 23 24 We use a term in the power-flow analysis 25 that we say the analysis has to solve. And that

Page 86 means that we have figured out what additions need to 1 2 be made, what are the impacts, what are the solutions to those impacts, that we maintain a safe, reliable 3 4 system for all customers. And in so doing that you're using, I 5 0. 6 assume, a model of your current grid of transmission lines --7 8 Α. Yes. 9 ο. -- in the distribution system; is that 10 right? 11 Α. Yes. 12 0. And the calculations done on the power 13 flow across any given line, are those generated through a computer model? Are you doing some type of 14 a manual input calculation? 15 It's a computer model, but there's 16 Α. human -- a lot of human interface when it starts 17 coming to the time of the model didn't solve, now how 18 do we fix it so it does solve. So that requires, you 19 20 know, a pretty good knowledge of our system to be 21 able to do that. 2.2 And what I mean by that is, if it doesn't 23 solve, then what the engineering planner does is says, Okay, what if -- what if we install X, and that 24 could be a new transformer. It could be a finish 25

Page 87 shifter. It could be a new transmission line. And 1 2 does that solve the case. And, of course, when they do that, then that has more impacts on the rest of 3 4 the system, so they have to look at it again. And you just do one test solution at a 5 0. time to see if it works and then go on to the next 6 7 one? I believe so, although I'm not a 8 Yes. Α. 9 planner. 10 And I guess ultimately my question is, you 0. know, as a regulator from the State of Utah what 11 12 we're seeing is potentially putting customers at risk 13 of delaying good projects or potentially causing good 14 projects to be terminated simply by a delay in the calculations or the analysis from Pac Trans, and 15 16 frankly that's kind of why we're here today. 17 Is it -- is it accurate to say that your 18 testimony is that there's nothing you can do to speed 19 this up? 20 We continue to look for ways to speed Α. No. the process up. And that does include, you know, the 21 22 possibility of moving to a cluster-type study. But 23 these are things that, sorry to say, can't happen 24 overnight. 25 Q. Okay.

Page 88 1 MR. JETTER: I think that's all of my 2 questions. Thank you. 3 THE WITNESS: Thank you. 4 PRESIDING OFFICER HAMMER: I have a 5 couple. Do you want to wait or go ahead and do 6 yours? MS. HOGLE: I apologize. I will leave 7 8 that up to you, whatever you want me to do. If you 9 want me to go before or after. PRESIDING OFFICER HAMMER: Go ahead. 10 11 MS. HOGLE: Okay, thank you. 12 EXAMINATION 13 BY MS. HOGLE: 14 0. Mr. Fritz, to your knowledge, does the OATT allow for reasonable delays in the processing of 15 interconnection application requests to accommodate 16 spikes, such as spikes in the requests, such as the 17 18 surge and the spike that PacifiCorp transmission is 19 experiencing and has been experiencing for over a 20 year now? 21 Α. Yes. 22 Q. You were also asked earlier about the 23 cluster process and whether that is allowed under PacifiCorp's OATT. Do you recall that question? 24 25 Yes, I do. Α.

	Page 89
1	Q. Is it your understanding whether this
2	hearing is to debate our process? Or is it to find
3	out whether PacifiCorp is following its Schedule 38
4	in order to run through the applications pursuant to
5	Schedule 38?
6	A. It's my understanding that this hearing is
7	about how PacifiCorp is following Schedule 38.
8	Q. Could one of the reasons or a factor that
9	is driving the surge in the applications of
10	interconnection requests be the upcoming expirations
11	of the PTC's, is that a factor, perhaps, that is
12	driving the significant surge that PacifiCorp
13	Transmission is seeing with its interconnection
14	requests?
15	A. Yes. Actually, that's a phenomena that we
16	see every year that we get close to, you know, that
17	date. And it has happened in various times in past
18	history. And when that you know, we start getting
19	close to that date, we see an uptick.
20	Q. Does PacifiCorp Transmission have control
21	over the number and the size of interconnection
22	requests it receives?
23	A. No.
24	Q. You were also asked about whether you
25	understood that as regulators these delays that are

Page 90 caused by the significant number and the volume of 1 2 requests that PacifiCorp Transmission is getting could potentially be harmful to customers. 3 4 Is it your understanding that as a regulator also running through these applications 5 6 without the sequential process that is used by 7 PacifiCorp and without following Schedule 38 could also potentially be harmful to customers? 8 9 Α. Yes. By not following our process, if we were to pull a customer out of that process and study 10 them outside the process, then that would harm 11 12 everybody with a higher-queued project. Or I should 13 say has the potential to. 14 Ο. Is Clenera the -- to your knowledge, the only QF that is experiencing these conditions in the 15 current environment of ever increasing requests as a 16 result of the PTC's expirations? 17 18 No. I would say that that's -- that's an Α. 19 issue with every applicant in the queue. It's not specific to QF's or for jurisdictional, it's the 20 21 timeline in the queue today, and it impacts everybody 22 in the queue. 23 MS. HOGLE: I have no further questions, 24 thank you. 25 Your Honor, can I be MR. BARKLEY:

Page 91 permitted just a couple quick follow-ups to that? 1 2 PRESIDING OFFICER HAMMER: Of course. 3 EXAMINATION 4 BY MR. BARKLEY: I want to talk specifically about your 5 0. 6 statement that utility, by which I assume you mean Pac Tran, has no control over the number of 7 applications. 8 9 In looking at your chart, what was the date, by the way, of this data? 10 11 Yesterday. Α. 12 Q. Yesterday. Okay. 13 Has Rocky Mountain Power recently issued 14 an RFP for proposed projects? Yes. I believe they have actually issued 15 Α. 16 two. Okay. And so that is an invitation for 17 Q. people to propose new projects that will have to be 18 studied, correct? 19 I'm not privy to the details of the RFP. 20 Α. 21 But I believe it's my understanding that a developer 22 has to be in the queue before they can submit a 23 project in the RFP. So if I want to submit -- if I want to 24 0. respond to the RFP, I've got to get in the queue 25

1	Page 92 before I can do so?
2	A. I believe that's correct, although maybe
3	Mark has a different take on that.
4	Q. You also said that it was your
5	understanding that the OATT allows for reasonable
6	delays due to spikes in applications. Are you able
7	here today to point us to the language in that OATT
8	or that general area where we would find that?
9	A. You pointed it out earlier when you quoted
10	the 45 days. It says, reasonable effort.
11	Q. Okay. Perfect.
12	MR. BARKLEY: Thank you. That's all I
13	have.
14	PRESIDING OFFICER HAMMER: Thank you. And
15	just a couple questions from me, Mr. Fritz.
16	I believe you testified earlier that your
17	understanding is that the OATT allows Pac Trans
18	discretion as to whether to employ what we have
19	referred to today as a serial method or a cluster
20	method; is that right?
21	THE WITNESS: Correct.
22	PRESIDING OFFICER HAMMER: Whichever
23	option Pac Trans selects, whether cluster or serial,
24	does the OATT require to apply that require Pac
25	Trans to apply that method to all applicants?

1	Page 93 A. I would say that the tariff is not clear
2	on that. The tariff allows you to use either
3	process. I don't believe it's clear on exactly how
4	you apply the process and if you can split it up.
5	Q. So you don't know the answer to the
6	question as to whether if this Commission issued an
7	order finding that Pac Trans ought to use the cluster
8	method, that Pac Trans would be in violation of its
9	OATT if it did employ that method in FERC
10	jurisdictional applications?
11	A. I don't think I have an answer to that.
12	We're allowed to use cluster studies, per the tariff.
13	So I don't think I can answer that if we were
14	directed.
15	PRESIDING OFFICER HAMMER: No, that's
16	fine. I don't know is a perfectly acceptable answer.
17	I'm just wondering.
18	Have you testified in other administrative
19	proceedings, whether before a state commission or
20	before FERC that related to Pac Trans's processing of
21	interconnection applications or the studies related
22	to them, and specifically the timeliness of that
23	processing?
24	THE WITNESS: No.
25	PRESIDING OFFICER HAMMER: I have nothing

Page 94 1 else. Thank you. 2 Ms. Hogle. 3 MS. HOGLE: The Company rests its case. 4 Thank you. 5 PRESIDING OFFICER HAMMER: Thank you. It has been -- well, I was going to point 6 out it's been a little over two hours and if the 7 8 parties might desire a break. But it looked as 9 though Mr. Barkley wanted to say something. MR. BARKLEY: I wanted to be sure that 10 whoever gets my certificate of good standing gets it, 11 12 it's looks really pretty. But other than that, we're 13 fine. 14 RESIDING OFFICER HAMMER: I assume Mr. Jetter wants to put on some evidence; is that 15 16 right? 17 MR. JETTER: Yes. 18 PRESIDING OFFICER HAMMER: Would the 19 parties like to take a break or press on? 20 MR. BARKLEY: I'm fine with pressing on. 21 MR. JETTER: I need a break. 2.2 PRESIDING OFFICER HAMMER: We're going to 23 request for a break. We'll be back at 11:20, 10 minutes. We're in recess. Thank you. 24 25 (Whereupon, a recess was taken at

Page 95 11:07 a.m. to 11:21 a.m.) 1 2 PRESIDING OFFICER HAMMER: Let's go back on the record, please. 3 4 Mr. Jetter. MR. JETTER: Thank you. The Division 5 would like to call Charles Peterson. 6 7 PRESIDING OFFICER HAMMER: Mr. Peterson, 8 do you swear to tell the truth? 9 THE WITNESS: Yes. 10 PRESIDING OFFICER HAMMER: Thank you. 11 EXAMINATION 12 BY MR. JETTER: 13 Mr. Peterson, would you please state your 0. 14 name and occupation for the record. 15 Charles E. Peterson. Spelled with an Α. 16 S-0-N. 17 Thank you. Q. 18 And my occupation, I'm sorry. Α. I'm a utility technical consultant with the Division of 19 20 Public Utilities. 21 0. Thank you. 22 And in the course of your employment, did 23 you have the opportunity to review the filings in this docket? 24 25 Α. Yes.

1	Page 96 Q. And did you create and cause to be filed
2	with the Commission an action request response dated
3	October 23rd, 2017?
4	A. Yes.
5	Q. Do you have any corrections or changes
6	that you would like to make to anything you have put
7	in that?
8	A. None that I'm aware of.
9	Q. And rather than going through all of that
10	today, would you be would you adopt that as your
11	testimony?
12	A. Yes.
13	Q. Thank you.
14	MR. JETTER: I guess I would like to move
15	at this point to enter the action request response of
16	October 23rd, 2017, into the record.
17	PRESIDING OFFICER HAMMER: It's admitted.
18	MR. JETTER: Thank you.
19	Q. BY MR. JETTER: Just a couple of brief
20	maybe follow-up questions from things that have been
21	discussed this morning. Would you tell me your
22	thoughts on the use of the I'm not remembering the
23	correct term. The group-study method rather than
24	sequential method.
25	Do you think that to be more specific,

Page 97 1 do you think a wholesale switch to that type of 2 method would be possibly more appropriate after a broader docket to evaluate whether that's the 3 4 appropriate method for the Commission to order? I think in a regulatory process that would 5 Α. 6 be the proper procedure, to have a separate docket that would study the pros and cons of each method and 7 allow different parties to weigh in from an 8 9 engineering standpoint or technical standpoint, as opposed to someone like me, an economist, to opine 10 11 about. 12 Q. Thank you. 13 MR. JETTER: I have no further questions with that. Mr. Peterson is available for cross from 14 the parties or the Commission. 15 16 PRESIDING OFFICER HAMMER: Mr. Barkley? 17 MR. BARKLEY: I have no questions. Thank 18 you, Mr. Peterson. 19 PRESIDING OFFICER HAMMER: Ms. Hogle? 20 MS. HOGLE: I have no questions. Thank 21 you. 2.2 PRESIDING OFFICER HAMMER: I suppose -- I 23 just have one. 24 If you could summarize the Division's 25 recommendation as to what the Commission ought to do

1	Page 98 with respect to any ordering issues in this
2	proceeding, that would be helpful.
3	THE WITNESS: Well, I think the Division's
4	position is outlined in the memorandum or action
5	request response that we supplied.
6	But basically the Division believes that
7	delays in the timeline created by the company, which
8	would also include Pac Tran, are a basis for
9	extending or suspending the timeline in a given
10	case-by-case situation. It appears to me that
11	Clenera was operating under the assumption that
12	PacifiCorp was going to be able to function at or
13	near its tariff timelines when it began the process.
14	By the end of March it appears it appears that by
15	the end of March Clenera clearly understood that
16	March of 2017, to be more clear the Company was
17	not going to be able to process its interconnection
18	requests for almost another year.
19	The Division leaves open the question
20	whether the Company is acting reasonably in
21	processing its interconnection request. But we know
22	that this has become a problem and was part of the
23	subject of a previous docket before the Commission.
24	So the Division thinks it's reasonable,
25	believes it's reasonable, and recommends that the
1	

Page 99 Commission give essentially a day-by-day extension 1 2 until such time as the Company provides an interconnection study to Clenera, at which time the 3 4 clock could be restarted. PRESIDING OFFICER HAMMER: Perhaps I 5 6 should have been more specific. Does the Division also concur that the 7 8 Commission should grant that day-per-day extension 9 with respect to the commercial operation date? THE WITNESS: No. The Division does not 10 go that far. 11 PRESIDING OFFICER HAMMER: All right. I 12 13 have nothing else. Thank you, Mr. Peterson. 14 THE WITNESS: Thank you. 15 PRESIDING OFFICER HAMMER: If any counsel wishes to make any closing statement or argument, I'm 16 happy to hear it. 17 MR. BARKLEY: Your Honor, if I could take 18 19 care of one housekeeping matter? 20 I should probably offer Clenera's 21 Complaint as Exhibit 1 and their October 24th 22 response to the motion to dismiss as Exhibit 2. 23 PRESIDING OFFICER HAMMER: Hearing no 24 objection, they're admitted. 25 Are you interested in making a closing

1	Page 100 statement or argument?
2	MR. BARKLEY: I'll make a very brief one,
3	Your Honor. And thank you the opportunity.
4	PRESIDING OFFICER HAMMER: I'm sorry,
5	Mr. Peterson, you can take a seat.
6	MR. BARKLEY: Thank you, Mr. Peterson.
7	Clenera's position is they should not only
8	be expected to be familiar with the utilities,
9	procedures, and processes as they are laid out in the
10	company's tariffs, but they should also be able to
11	rely upon them. The Company is way outside the
12	deadlines that are stated in those tariffs, and an
13	initial step, which was to take 45 days, is currently
14	taking, by anybody's reckoning, over 200, and we are
15	still months away from the projected target for that
16	initial step. There are two steps after that
17	traditionally take 90 days, adding another 180 to
18	that.
19	And the Company's feedback to Clenera on
20	the adequacy of the information provided has been
21	inconsistent. As I think you noted, there have been
22	times that they had been told everything that they
23	needed to do, only to be told subsequently that,
24	well, it turns out that's not really not enough, we

25 need something else.

Page 101 Certainly the Company is allowed delay, but it is required to make reasonable efforts. And I think as we listened to the testimony today, it's pretty clear that there have not been reasonable efforts.

6 In fact, the testimony today from company witnesses was that they can anticipate spikes any 7 time the PTC is up for renewal. So this was, by 8 their testimony, something they could have 9 anticipated. The testimony was that they have no 10 control over applications, but in fact, they issue --11 12 they and their affiliates issue RFP's that do, in 13 fact, have an impact on the level of applications, and they should have some insight to when and how 14 that's going to happen. 15

16 And, lastly, I just say that the extension of the operational date deadline is critical. 17 There is a limit on how far out an applicant is allowed to 18 push that deadline or that operational date in their 19 initial application. And given that limitation at 20 21 the outside, if the Company is allowed to delay its 22 studies this long, they have the -- they have the 23 ability to effectively kill a project. And developers should not be in a position where they're 24 caught in that pincher. 25

Page 102 1 But they need to request PPAs early enough 2 that they can get through the negotiation and get it executed in time to then meet their operation date, 3 4 because if the operation date comes more than three months too early, they could be kicked out of the 5 6 queue and lose their pricing. On the other hand, if they're subject to 7 these kind of delays, they get pinched in the other 8 9 direction. So they're put in something of an untenable position. 10 11 I think, as Mr. Ellsworth indicated, I 12 think the Company would be open to some sort of 13 modification, if it involves redoing the study for year 2016. I think, frankly, if it involved 14 shortening the term of the PPA by -- by a year in 15 16 order to account for those delays, those are all things that they would be open to and that would 17 leave consumers, frankly, in no worse position than 18 they would have been in, but preserves the investment 19 decisions that were reasonably made by Clenera. 20 21 Thank you, Your Honor, for your time. 2.2 PRESIDING OFFICER HAMMER: Thank you, sir. 23 Ms. Hogle. 24 MS. HOGLE: Thank you, Your Honor. 25 Rocky Mountain Power, PacifiCorp, its goal

1	Page 103 is not to kill any projects. It has nothing against
2	Clenera's QF's. However, I do think that the
3	evidence today has shown, contrary to what has been
4	testified by Clenera and its witnesses, that Rocky
5	Mountain Power is facing an unprecedented
6	unprecedented number of interconnection requests.
7	One of the factors that is driving that is the PTC
8	expiration, upcoming expiration.
9	Unfortunately, the decision of Clenera to
10	reach out to PacifiCorp merchant, or our commercial
11	unit, to seek indicative pricing before going to
12	PacifiCorp's transmission unit to familiarize itself
13	and educate itself about the transmission queue and
14	transmission process at that time, I think is the
15	reason why we are here.
16	I think a couple of key points that need
17	to be made again here, and that is that the QF
18	pricing queue is managed by PacifiCorp's commercial
19	unit merchant. It's independent and separate from
20	the interconnection transmission queue and service
21	maintained by PacifiCorp's transmission unit in
22	accordance with the OATT, which has been generally
23	adopted by this Commission.
24	The interconnection queue-in process and
25	critical and lengthy and should be well underway
1	

1	Page 104 before seeking indicative pricing and the power
2	purchase agreement with PacifiCorp's commercial unit.
3	That is one of the very first things that is included
4	in Schedule 38, Paragraph 3, under the preface
5	section. Developers are strongly encouraged to gain
6	a clear understanding of that process before reaching
7	out to PacifiCorp's commercial unit for indicative
8	pricing. That did not happen in this case.
9	This is particularly important in the
10	situation that we're in currently with the
11	significant surge in applications that we have been
12	seeing, Your Honor. Again, the company has nothing
13	against Clenera.
14	If the Commission, in its discretion,
15	believes that extenuating circumstances exist for it
16	to allow Clenera to stay in the queue, PacifiCorp is
17	ready to accept that. However, we also want to
18	remind the Commission and for it be to be mindful
19	that there are situations that this is not a unique
20	situation. This this situation is similar for
21	QF's. Other QF's are facing similar situations.
22	And so whatever decision it makes in this
23	particular case, although would not apply to other
24	QF's, it certainly informs the company and the way
25	that it handles future QF's.
1	

1	Page 105 And the decision that the Commission makes
2	will affect its customers, will affect PacifiCorp's
3	customers, retail customers in particular.
	_
4	There was also some discussion about the
5	cluster process, using the cluster process, as
6	opposed to the current process that PacifiCorp has
7	been using. And I believe that Your even Honor asked
8	a question regarding that.
9	I guess in closing, PacifiCorp I would
10	submit to you that that is not a decision that can be
11	made independent in a vacuum from the processes that
12	are used by PacifiCorp. I believe that's even going
13	into FERC jurisdictional law. That has to be
14	studied. It will impact the reliability of the
15	system.
16	PacifiCorp has been using its current
17	method for a long time, and something of that, a
18	decision to use the cluster method, requires that
19	issue to be taken, in PacifiCorp's mind or
20	PacifiCorp's position, that that is something that
21	needs to be taken up in a broader scale and studied
22	so that there are no unintended consequences.
23	Thank you.
24	PRESIDING OFFICER HAMMER: Of course.
25	I'll iterate to clarify and perhaps

2 to suggest that this would be an appropriate 3 proceeding in which to make such an order. I'm 4 wondering if even basing a finding in this case that	t
	t
4 wondering if even basing a finding in this case that	t
5 assumes such an order would be appropriate in the	
6 future would would be a legitimate basis for a	
7 finding in this case.	
8 In other words, we have heard testimony	
9 that the cluster method would be more efficient, bu	t
10 if that's not an option for this Commission to orde	r
11 at any time in the future, then it's difficult for a	ne
12 to understand how it would be relevant to consider	in
13 this case.	
14 Mr. Jetter.	
15 MR. JETTER: Thank you. I'll keep our	
16 comments brief.	
17 I wanted to clarify a few things that	
18 particularly about the Division's position on the	
19 delay of the on-line commercial on-line date.	
20 The Division has fairly consistently	
21 throughout the history of the QF process, and we've	
22 gone through a number of dockets to hopefully fix	
23 some problems in the pricing, and we've been often	
24 concerned about scale pricing and on-line dates tha	t
25 are far off into the future would result in putting	

	Page 107
1	customers at risk in those scenarios.
2	In this case the Division is not
3	recommending a day-per-day extension of the
4	commercial on-line date, but I wanted to clarify that
5	the Division is not opposed to some deviation of the
6	commercial on-line date. I think, at least at this
7	point, we're not sure how much additional time or if
8	additional time is actually necessary, depending on
9	how the next set of studies go and how this project
10	goes through the PPA negotiation process and what
11	comes forth after this.
12	And so I suppose our recommendation might
13	be something along the lines of that we wouldn't
14	oppose an extension or the possibility of an
15	extension to be determined. What we would be
16	concerned about is the potential for a day-per-day
17	extension that ends up extending that commercial
18	on-line date six months past where it needed to be to
19	have the completed project done and on-line. And so
20	ultimately our goal would be if these go forward that
21	we match the commercial on-line date as nearly as
22	practically possible with the dates that the
23	avoided-cost calculation were performed.
24	I hope that gives a little bit of clarity
25	to where our opinions or our recommendations would be
1	
Page 108 on that. 1 2 And I think we have covered most of the 3 other comments from the Division and the comments by 4 Mr. Peterson. So I think that would wrap up my closing statement. 5 6 PRESIDING OFFICER HAMMER: All right. I 7 thank the parties for their participation. Happy holidays. 8 MR. BARKLEY: Thank you, Your Honor. 9 10 MS. HOGLE: Thank you. 11 (Whereupon, Clenera Exhibits 1 12 and 2 were marked for 13 identification.) 14 (Thereupon, the proceedings 15 concluded at 11:44 a.m.) 16 17 18 19 20 21 2.2 23 24 25

Page 109 1 REPORTER'S CERTIFICATE 2 3 STATE OF UTAH ) SS COUNTY OF WASHINGTON 4 5 I, Robert Stanley, Certified Shorthand Reporter, do hereby certify that I took down in 6 7 Stenotype all of the proceedings had in the 8 before-entitled matter at the time and place indicated and that thereafter said shorthand notes were 9 10 transcribed into typewriting at and under my direction 11 and supervision and that the foregoing transcript 12 constitutes a full, true and accurate record of the 13 proceedings had. IN WITNESS WHEREOF, I have hereunto set my 14 15 hand in my office in the County of Washington, State 16 of Utah, this date of January 10, 2018. 17 18 19 20 21 Robert Stanley, RPR, CSR 2.2 23 24 25

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