BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

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In the Matter of the Application of Rocky Mountain Power for Approval of Changes to Renewable Avoided Cost Methodology for Qualifying Facilities Projects Larger than Three Megawatts

Docket No. 12-035-100

DPU EXHIBIT 2.0

Direct Testimony of

Abdinasir M. Abdulle, Ph.D.

Division of Public Utilities

March 29, 2013

1	Q.	Please state your name, business address, and employment for the record.
2	A.	My name is Dr. Abdinasir M. Abdulle; my business address is 160 E. 300 South, Salt
3		Lake City, Utah 84114; I am employed by the Utah Division of Public Utilities
4		("Division").
5	Q.	On whose behalf are you testifying in this proceeding?
6	A.	I am testifying on behalf of the Division.
7	Q.	Would you summarize your education background for the record?
8	A.	I have a Ph.D. in Economics from Utah State University. I have been employed by the
9		Division for about 12 years.
10	Q.	What is the purpose of your testimony?
11	A.	The purpose of my testimony is to provide the Division's response to certain issues raised
12		by Mr. Greg Duvall and Mr. Paul Clements of Rocky Mountain Power ("Company") in
13		their direct testimonies in support of the Company's application for approval of changes
14		to renewable avoided cost methodology for qualifying facilities larger than three
15		megawatts.
16	Q.	What specific action did the Company request the Commission to take in that
17		application?
18	A.	In its application dated October 9, 2012 in Docket No. 12-035-100, the Company
19		requested re-examination of the Avoided Cost methodology pertaining to renewable
20		qualifying facilities larger than three megawatts adopted by the Commission in its

21	October 30, 2005 Order in Docket No. 03-035-14. In its application, the Company listed
22	the specific items for which it is seeking re-examination. These specific items are
23	reproduced here for ease of reference for the reader:
24 25	a. Whether the Market Proxy method continues to produce avoided costs that are in the public interest, including
26	i. the definition of the IRP target;
27	ii. the timing of the need for renewable resources; and
28 29	iii. the treatment of resources acquired for RPS compliance.
30	b. What the proper implementation of PDDRR for renewable QF
31	resources is, including
32	i. the capacity contribution of intermittent resources;
33	ii. the type of resources deferred (thermal or
34	renewable); and
35	iii. integration costs.
36	c. What the ownership of renewable energy attributes ("RECs") from
37	renewable QF resources is, including
38	i. the ownership of RECs under the Proxy/PDDRR
39	method; and
40	ii. the right of a QF to buy-back RECs and the
41	associated price. ¹

¹ In the Matter of the Application of Rocky Mountain Power for Approval of Changes to Renewable Avoided Cost Methodology for Qualifying Facilities Projects Larger than Three Megawatts, Docket No. 12-035-100, Company Application. p. 5.

42 RESPONSE TO MR. GREGORY DUVALL

43	Q.	What aspects of the Company's application did Mr. Duvall's testimony cover?
44	A.	Mr. Duvall provided testimony in support of parts a and b of the above list of items in the
45		Company's application.
46	Q.	How does Mr. Duvall propose the avoided cost for renewable QFs exceeding three
47		megawatts should be calculated?
48	A.	Mr. Duvall proposes that the avoided cost for all renewable QFs exceeding three
49		megawatts should be calculated using the Proxy/PDDRR method with updated capacity
50		and integration costs. ² The Market Proxy method would no longer be used.
51	Q.	How did Mr. Duvall justify the abandonment of the Market Proxy method?
52	А.	Mr. Duvall justified his proposal on the basis that the Market Proxy method no longer
53		produces avoided costs that are in the public interest. He argues that it does not account
54		for the proper definition of the IRP target, the timing of the need for new resources, and
55		the cost-effectiveness of the IRP wind resources.
56	Q.	What is the Division's position regarding the Company's proposed abandonment of
57		the Market Proxy method for calculating avoided costs for renewable resources
58		greater than three megawatts?

² In the Matter of the Application of Rocky Mountain Power for Approval of Changes to Renewable Avoided Cost Methodology for Qualifying Facilities Projects Larger than Three Megawatts, Docket No. 12-035-100, Mr. Duvall's Direct Testimony, pp. 3-4.

59	A.	The Division agrees with the Company that under the current circumstances the Market
60		Proxy method does not produce accurate avoided cost prices. Furthermore, the Division
61		believes that the Market Proxy method is significantly flawed and should not be
62		reintroduced in the future. The adoption of the Market Proxy method was justified on the
63		basis of accuracy, simplicity, and transparency. In its Order in Docket No. 03-035-14,
64		the Commission indicated:
65 66		Further, we accept the market proxy as it is reasonably accurate but also simple and transparent. ³
67		At the time of this determination, the most recent IRP was that of 2004 which included
68		1,400 MW of cost-effective wind resources. The Company set this 1,400 MW as the
69		target of the amount of wind resources to be acquired in the coming few years.
70		Consequently, the Company regularly issued RFPs to acquire cost effective wind
71		resources. It was anticipated that the Company would regularly acquire wind resources
72		for the foreseeable future.
73		Although the Division disagrees, under those circumstances it was assumed that the latest
74		acquisition was reasonably close to the actual avoided energy and capacity costs of a
75		wind QF. The Division disagrees with this assumption in that the new QF resource that
76		is to be introduced into the system would displace the next highest cost resource in the
77		stack of resources after the highest cost resource was displaced by the previously
78		acquired QF resource.

³ In the Matter of the Application of PacifiCorp for Approval of an IRP-Based Avoided Cost Methodology For QF Projects Larger Than One Megawatt, Docket No. 03-035-14, Order dated October 31, 2005, p. 21.

79		Furthermore, in the 2011 IRP, Docket No. 11-2035-01, the Company indicated that it had
80		met its IRP target and the 2011 IRP did not include cost effective wind resources in the
81		preferred portfolio. Consequently, the Company is not seeking any new wind resources.
82		Based on information to date, it is anticipated that the only wind resources in the 2013
83		IRP preferred portfolio will be those necessary to meet various renewable portfolio
84		standards required in some of the Company's other state jurisdictions.
85		Given that the IRP target has been satisfied and no new cost effective target is anticipated
86		in the current IRP, and that the Company is not seeking new wind resources, can the
87		Market Proxy method produce the accurate avoided costs as was previously assumed?
88		The Division answers no to this important question. The wind target has been met and is
89		not currently part of the IRP. The only wind resources in the current IRP are those
90		designed to meet state policy mandates and do not satisfy the least cost/least risk portfolio
91		choice supported by the Commission's past orders and IRP guidelines.
92	Q:	Would you elaborate?
93	A:	Yes. In its Order on Request for Agency Action in Docket No. 12-2557-01, the
94		Commission indicated that
95		as long as wind resources are present in the IRP, RMP should use the
96		market price proxy method to determine indicative avoided cost pricing
97		for wind QFs. This is the plain meaning of Ordering Paragraph 6, quoted
98		above. ⁴

⁴ In the Matter of Blue Mountain Power Partners, LLC's Request that Public Service Commission of Utah Require PacifiCorp to Provide the Approval Price for Wind Power for the Blue Mountain Project. Docket No. 12-2557-01, Order dated September 20, 2012, p. 10.

99	The Division interprets the phrase "as long as wind resources are present in the IRP" in
100	the above quoted Commission order as referring to only cost effective wind resources in
101	the IRP. In other words, those resources that meet the Commission's directed criteria of
102	least cost/least risk.
103	Additionally, considerations of the non-cost effective wind resources in the IRP would
104	violate Section 210 of the Public Utility Regulatory Policies Act of 1978 ("PURPA") in
105	that it clearly will not result in rate payer indifference.
106	The wind resources in the 2011 IRP which were included to meet RPS policies required
107	by other states are not and were not selected as necessary, cost-effective resources to
108	meet load. Therefore, they were not part of the least cost/least risk portfolio for Utah
109	ratepayers and should not be interpreted as such in an avoided cost calculation.
110	Chapter 5, Portfolio Development, of the 2011 IRP states:
111	PacifiCorp used the System Optimizer capacity expansion optimization
112	model to develop resource portfolios based on inputs and assumptions
113	updated throughout the business planning process. For this portfolio
114	development, the Company devised wind resource acquisition targets
115	outside of the portfolio modeling effort, and treated these targets as a fixed
116	resource schedule in the capacity expansion modeling. ⁵
117	Since these wind resources were imposed on the model regardless of whether they are
118	cost-effective or not, they could not be considered as part of the resources selected in an
119	attempt to minimize cost and risk. Finally, in his direct testimony, Mr. Duvall stated that:

⁵ PacifiCorp's 2011 Integrated Resource Plan Update, Docket No. 11-2035-01, p. 44.

120		The volume of wind additions included in the 2011 IRP Update was
121		determined based on the Company's compliance obligation in Oregon,
122		Washington, and California assuming all of the cost, benefits and
123		RECs were assigned to these three states. ⁶
124		As an aside, the Division notes that this statement is inconsistent with the 2010 Protocol
125		regarding the allocation of portfolio standard resource costs. The 2010 Protocol states:
126		Costs associated with resources acquired pursuant to a State
127		Portfolio Standard, which exceeds the costs PacifiCorp would have
128		otherwise incurred, will be assigned on a situs basis to the State
129		adopting the standard. ⁷
120		
130		However, the Division believes that this issue would be better addressed in a different
131		forum.
132		In conclusion, the Division believes that under the current circumstances where no cost
133		effective wind resource is included in the IRP and that the price of the most recently
134		acquired wind resource is outdated, the Market Proxy method is not a valid method to
135		calculate the Company's avoided costs.
136		As previously mentioned, the Division believes in any case that the Market Proxy method
137		is a very poor method for calculating avoided costs.
138	Q.	Can you explain why the Division believes the Market Proxy is a poor method for
139		calculating avoided costs?

⁶ In the Matter of the Application of Rocky Mountain Power for Approval of Changes to Renewable Avoided Cost Methodology for Qualifying Facilities Projects Larger than Three Megawatts, Docket No. 12-035-100, Mr. Duvall's Direct Testimony, pp. 12-13.

⁷ In the Matter of the Application of PacifiCorp for an Investigation of Inter-Jurisdictional Issues, Docket No. 02-035-04, Mr. Duvall's Direct Testimony, pp. 12-13.

140 A. Yes. The IRP process is intended to produce the least cost/least risk portfolio of 141 resources for the utility to provide reliable and safe services. As resources are added to 142 the portfolio mix, all resources undergo dispatch changes. In other words, rather than 143 being static, the IRP process or evaluation of resources is inherently dynamic and 144 affected by the addition of alternative resources. Calculations of the avoided costs should 145 be consistent with the dynamic nature of the IRP portfolio selection process to maintain a 146 least cost combination of resources. 147 In contrast, the Market Proxy methodology assumes that the portfolio selection is static— 148 as alternative resources are added to the mix, the Market Proxy method assumes all other 149 resources are unaffected. 150 **Q**: Would you explain how the Market Proxy assumes the portfolio selection is static?

A: Yes. The avoided cost of an alternative resource is the difference in revenue requirement
between two least cost/least risk portfolios, one with and one without the alternative
resource under consideration.

Generally, when a QF is introduced into the portfolio mix, it displaces the highest cost
resource in the resource stack. The next QF introduced displaces the next highest cost

resource because the highest cost resource already has been displaced by the first QF.

157 Each successive QF, in other words, displaces an existing resource of lesser cost than the158 previous QF.

Instead of this logical sequential displacement process, the Market Proxy method
assumes that the current wind QF displaces the same resource that the previous wind QF

161		has already displaced. In other words, allowing for differences in operating
162		characteristics, the Market Proxy method assumes the avoided costs of the two wind QFs
163		are identical. Since the two QFs cannot displace the same resource, the Market Proxy
164		method is clearly inconsistent with the concept of avoided cost and with the PURPA
165		indifference standard, and with the dynamic nature of the IRP process.
166	Q:	Do you have any other comments on the Market Proxy method?
167	A:	Yes. The Market Proxy method is similar to the proxy plant method described by the
168		Tellus Institute in its handbook on avoided costs. ⁸
169		According to the Tellus Institute, the proxy plant method will yield accurate results only
170		if the following two conditions are met:
171 172		 "[T]he operating characteristics of the proxy plant closely match those of the alternative resource under consideration; and
173		2. "[T]he alternative resource exactly replaces the entire capacity and energy
174		provided by the proxy plant in a least-cost plan and does not significantly
175		affect any other plant additions or operations." (Section II-7)
176		However, even if these two conditions could be met, the proxy plant (and the Market
177		Proxy) suffers a number of limitations.
178		First, by adding an alternative resource in the mix, you will be avoiding the construction
179		or operation of pieces of a number of different types of resources in different time

⁸ Tellus Institute Resource and Environmental Strategies. 1995. Costing Energy Resources Options: An Avoided Cost Handbook for Electric Utilities. Section II-7.

180	periods and not the cost of a single generating unit as assumed by the proxy
181	method. (Section II-9)
182	Second, if the operating characteristics of the alternative resource differ from that of the
183	proxy, then the components of the avoided cost will be different than the
184	components of the avoided cost of the alternative resource.
185	Third, differences in the size of the alternative and the proxy resources will lead to an
186	over or under estimation of the total avoided cost. If the alternative resource is
187	smaller than the proxy resource, the proxy will never be completely avoided
188	resulting in higher avoided capacity cost. If the alternative is larger than the
189	proxy, then it is avoiding more than it is credited for, resulting in lower total
190	avoided cost. ⁹
191	As the Tellus Institute explains,
192	The operating costs and characteristics associated with a single type of
193	generating unit cannot typically represent those associated with the
194	complex set of avoided power plants (and plant operations) that actually
195	result when an alternative resource is added to a utility system. (Section
196	II-9; emphasis in the original)
197	Because of these reasons and limitations, the Division believes that the Market Proxy
198	method is significantly flawed and should not be used under the current circumstances or
199	reintroduced in the future.

⁹ Id. pp. Section II 8 - 9.

- 200 Q. How do you propose to calculate the avoided costs of wind resources in excess of the
 201 IRP target limit?
- 202 I propose that the Proxy/PDDRR method—the next deferrable resource (Proxy) is used to A. 203 calculate the avoided capacity cost and PDDRR method is used to calculate the avoided 204 energy cost—be used to calculate the avoided costs of wind resources exceeding the IRP 205 target limit. This is in line with the Commission's 2005 Order. However, the 2005 Order 206 indicated that both the capacity cost and the integration cost need to be updated as more 207 information becomes available. Therefore, the Division agrees with the Company that 208 the Proxy/PDDRR method be updated for both the capacity contribution and the 209 integration cost.

210 Q. What update to the capacity contribution did the Company propose?

A. The Company proposed that an average aggregate capacity based on the 100 peak load
hours in each of five years, 2007-2011, during the summer months (June through
September) should be used. This average aggregate capacity factor will be equaled or
exceeded in 90 percent of the top 100 summer load hours.

215 Q. How did the Company calculate this aggregate capacity factor?

A. Using historical data from 2007 to 2011, for each of wind, solar peak, and solar energy
generation types, the Company calculated the capacity factor associated with each hour
of the year by dividing each hour's aggregate energy output for a year by each hour's
aggregate nameplate capacity for that year. These aggregate capacity factors were then

220 matched with the top 100 summer load hours for each year. Then the aggregate capacity

factor that equaled or exceeded 90 percent of the top 100 summer load hours in each is picked. The average of these annual aggregate capacity factors was then calculated to arrive at the average capacity contribution of wind and solar resources.

The 90 percent level was chosen because it is assumed that the next deferrable resource

in the IRP will be available 90 percent of the peak load hours. Hence, the level of power

- 226 provided by the intermittent resource that corresponds to the average aggregate capacity
- factor would meet the 90 percent reliability requirement. The Company calculated the
- capacity contribution as 4.1 percent for wind, 11.5 percent for energy-oriented solar
- facility, and 25.9 for peak-oriented solar facilities.

Q. What is the position of the Division regarding the Company's proposed update of the capacity contribution?

A. The Division does not oppose the Company's proposed update to the capacity

233 contribution. However, because the circumstances under which the Company is

234 operating are not always the same from one time period to the next, the Division

recommends that the capacity contribution needs to be updated periodically, probably atleast annually.

237 Q. What update to the integration cost did the Company propose?

A. The Company proposed to use of the same method currently used in the IRP and the
general rate case to determine the integration costs of the intermittent resources. Under
this method the Company calculated a wind integration cost of \$4.35 per megawatt hour

- on a 20 year nominal levelized basis beginning 2013. Furthermore, the Company
- 242 proposed that this wind integration cost also be used as a proxy for integrating solar.

Q. Did the Company conduct any analysis to justify that the solar integration cost could be approximated by the wind integration cost?

A. No. In its response to the DPU's Data Request 2.1, in which the Division asked the
Company to explain in detail why the wind integration costs are a reasonable proxy for
solar given the nature of solar energy is likely to be more regular and predictable than
wind energy, the Company answered that it did not perform a study to determine whether
solar energy is more regular and predictable than wind and, therefore, the Company does
not necessarily agree with the premise of the question.

Q. Does the Division believe that wind integration costs could be used as a reasonable proxy of solar integration costs?

A. No. The Division performed some analysis, using Company provided data, to determine
whether or not wind energy is more regular and predictable than solar energy. The
results are shown in the following graph.



The graph shows the coefficient of variations¹⁰ of the loads for wind, peak-oriented solar facilities, and energy-oriented solar facilities for the five years, 2007 to 2011, and the average for the five years. The last two bars of the graph show that the peak-oriented solar facilities are only 48.36 percent as variable as wind facilities on a relative basis; likewise, energy-oriented solar facilities are only 65.79 percent as variable as wind on a relative basis. Based upon the data the Company has made available, solar energy appears to be more regular and predictable than wind energy.

Intuitively, this makes sense, since the sun rises in the east and sets in the west—each day, 365 days a year—in a highly predictable pattern.

¹⁰ The coefficient of variation is the ratio of the standard deviation to the mean. It is used to compare the degree of variation between two or more data series.

Q. What is the Division's proposal for the integration cost of solar?

- A. Based on the results above, the Division proposes that peak-oriented solar resources be
- charged about 50 percent of the wind integration cost (\$2.18) and the energy-oriented
- solar be charged about 65% of the wind integration cost (\$2.83).

270 **RESPONSE TO MR. PAUL CLEMENTS**

Q. For which aspects of the Company's application did Mr. Paul Clements provide testimony?

- A. Mr. Clements provided testimony in support of part c of the above list of items in theCompany's application, namely, the ownership of RECs.
- 275 Q. What did Mr. Clements propose regarding the ownership of the RECs?
- A. Mr. Clements proposes that the RECs should be owned by the Company under any power
 purchase agreement executed under Schedule 38.
- 278 Q. How did Mr. Clements justify his proposal?

A. Mr. Clements argues that the utility is made to purchase power from qualifying facilities

280 because of the environmental attributes of that power. Therefore, the RECs are part of

services or commodities the Company is buying with payments of avoided costs.

- Further, Mr. Clements argues that if the Company is made to pay for the RECs
- separately, it would amount to the Company and its customers paying for the RECs
- twice: first when the Company pays for the power purchased from the QF and then
- second when it pays for a separate purchase of the RECs.

286 0. Would you comment on Mr. Clement's claim that RECs are part of what the 287 Company is buying with the payment of avoided costs? 288 A. Yes. Section 210 of the Public Utilities Regulatory Policies Act (PURPA) of 1978 289 specifies the obligation of the Company to purchase capacity and energy made available 290 from a QF, and to make such purchases at no more than avoided cost. Renewable 291 generators produce and sell two different products: generic power, traded in the power 292 market, and RECs, traded in a separate market. Note that the obligation to purchase the 293 power, although based on the attributes of the OF, was established under PURPA long 294 before the market for RECs was established. 295 PURPA contemplates the purchase of the generic power, not the RECs. Hence, the RECs 296 are not part of what the Company buys with the payment of avoided cost. 297 **Q**: Does the avoided cost methodology proposed by the Company compensate the QFs for RECs? 298 299 A: No. Avoided costs are designed to compensate for the energy and capacity generated by 300 a QF at the purchasing utility's avoided costs of generating or purchasing an equivalent 301 amount of energy and capacity. It does not include the RECs. 302 Section 210(b) of PURPA provides for the pricing of QF power at the purchasing utility's 303 avoided cost. Thus QFs are paid for energy and capacity produced by their facilities 304 based on the purchasing utility's costs of power from any alternative power source, not 305 on the environmental attributes of the selling QF.

306		Furthermore, once a utility's avoided costs are determined, the same power purchase
307		price applies to all QFs, be they a renewable energy resource or a fossil fuel-fired co-
308		generator.
309		Therefore, the Company's avoided cost methodology does not compensate QFs for RECs
310		associated with renewable generation.
311	Q:	You said that the same power purchase price applies to all QFs. Can you elaborate?
312	A:	Conveyance of RECs under PURPA contracts based solely on avoided cost would
313		effectively discriminate among different types of QFs, in violation of section 210(b)2 of
314		PURPA. A QF may be either a qualifying cogeneration facility or a qualifying small
315		power production facility. Only qualifying small power production facilities using
316		renewable energy resources could be allocated RECs. Qualifying cogeneration facilities
317		operating on fossil fuels are typically not eligible for RECs under any state RPS program.
318		If RECs were conveyed to the purchasing utility solely in exchange for avoided cost, the
319		avoided cost would effectively vary based on whether the utility was buying from
320		renewable energy small power QF or a fossil fuel-fired cogeneration QF, because the cost
321		of power to utilities buying from small power QFs would be reduced by the value of the
322		RECs that the utilities receive.
323		However, both small power and cogeneration QFs provide the same generic energy and
324		power product at the same utility avoided cost. Applying the same power purchase to
325		these two types of QFs is, therefore, discriminating against the small renewable power
326		production facilities. This is inconsistent with the framework created under section 210

327		of PURPA, which requires, among other things that rates for purchase of QF power "shall
328		not discriminate against qualifying co-generators or qualifying small production."
329	Q.	Did the Commission address the issue of REC ownership in its 2005 Order?
330	A.	Yes. During the 2005 docket, the most recent IRP was that of 2004. In the 2004 IRP a
331		value of \$5.00 per megawatt hour was attributed to the RECs and was included as a credit
332		in the evaluation of wind versus other supply-side resources. Hence, the Commission
333		ruled that:
334		PacifiCorp paid for the RECs and therefore owns the RECs and the
335		price includes the value of RECs. ¹¹
336	Q.	Are there any other Commission rulings regarding REC ownership?
337	A.	Yes. In Cottonwood Hydro, LLC vs. Rocky Mountain Power case in Docket No. 10-035-
338		15, the Commission stated:
339		Unless provided for otherwise in a contract, the RECs remain with
340		the generator of renewable energy, and may be sold and valued
341		separately from the energy produced or retained by the generator of
342		the RECs. ¹²
343	Q.	What is the Division's position regarding the ownership of RECs?
344	A.	The Division's position is that if the Company pays for the RECs, than the RECs should
345		be owned by the Company. Otherwise, the RECs remain with the developer.

¹¹ Docket No. 03-035-14. In the Matter of the Application of PacifiCorp for Approval of an IRP-Based Avoided Cost Methodology For QF Projects Larger Than One Megawatt, Report and Order dated October 31, 2005, p. 25 ¹² Docket No. 10-035-15, In the Matter of the Complaint of Cottonwood Hydro, LLC vs. Rocky Mountain Power, Report and Order dated May 27, 2010, p. 11.

346		As proposed by the Company, the Division does not believe that the PDDRR method
347		explicitly compensates the developer of a renewable QF for the RECs,
348	Q.	What is the Division's position regarding whether the developer should be given the
349		right to buy back the RECs from the Company?
350	А.	The answer depends on what method the Commission adopts for renewable QFs. In
351		general, the Division believes that there is a market for the RECs and the owner of the
352		RECs should have the discretion to sell, or not to sell, to whomever it wants.
353		In any specific case where the Company purchases the RECs from the developer, the
354		developer should be required to pay the price reflected in the avoided cost payment. For
355		example, if the Commission decides to adopt the Market Proxy (or similar) method for
356		wind QFs, and that Market Proxy includes a value for RECs, then, at a minimum, the
357		developer should repurchase the RECs at the value embedded in the Market Proxy price.
358		This is the only price that meets the PURPA principle of ratepayer indifference.
359	Q.	Are there any other issues that you wish to comment on?
360	A.	Yes. In running its GRID model for this docket, the Company did not include in the stack
361		of potential resources the 2 MW solar facility recently acquired in Oregon as a state
362		mandated situs plant for interstate allocation purposes, nor the prospective wind facilities
363		that the Company believes it will need to satisfy state RPS requirements in the latter part
364		of this decade as included in its latest IRP. If the Company had included these plants in
365		its GRID modeling, the dispatch results and consequently the avoided cost calculations
366		would have been somewhat different. At this time the Division does not have an opinion

372	Q.	Does that conclude your direct testimony?
371		resources.
370		Commission may determine what would be the proper treatment of these types of
369		open a separate docket wherein technical conferences and other investigations by the
368		Utah, or in other applications of GRID. The Division recommends that the Commission
367		regarding the proper treatment of these types of resources in avoided cost calculations in

373 A. Yes.