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BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH


In the Matter of the Request for Agency Action And Complaint of US Magnesium, LLC against Dominion Energy Utah	Docket No. 17-057-13
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DIRECT TESTIMONY OF ROGER SWENSON

US Magnesium, LLC (“US Magnesium”) hereby submit the Direct Testimony of
Roger Swenson in this docket.

DATED this 22nd day of December 2017.

HATCH, JAMES & DODGE

/s/ 
Phillip J. Russell
Attorneys for US Magnesium

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing was served by email this 22nd day of December 2017 on the following:

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**Direct Testimony of Roger Swenson
On Behalf of
US Magnesium, LLC**

December 22, 2017

1

I. INTRODUCTION AND SUMMARY

2

Q. Please state your name and business address.

3

A. My name is Roger Swenson. My business address is 1592 East 3350

4

South, Salt Lake City, Utah 84106.

5

Q. By whom are you employed and in what capacity?

6

A. I am an energy consultant for US Magnesium, LLC (“US Magnesium”).

7

Q. On whose behalf are you testifying in this proceeding?

8

A. My testimony is submitted on behalf of US Magnesium.

9

Q. Please summarize your qualifications.

10

A. I have a Bachelor of Science degree in Physics and an MS degree in

11

Industrial Engineering. I have been an independent energy consultant for 18

12

years. Prior to starting my work as an energy consultant I worked for an

13

independent oil and gas production company marketing natural gas to customers.

14

Before that I worked at Questar Gas in the Industrial Marketing department where

15

we were responsible for keeping industrial customers informed of curtailment

16

procedures and notifications. We also made calls directly to customers to alert

17

them to curtailment events when required.

18

Q. Have you previously testified before the Public Service Commission of Utah

19

(“Commission”)?

20

A. Yes, I have testified in numerous matters involving both Questar and

21

Rocky Mountain Power. With respect to Questar, I have testified regarding the

22 value of using interruptible customers' gas as a peak resource and providing value
23 to the company and how that value should be credited in rates.

24 **Q. What is the purpose of your testimony in this case?**

25 A. My testimony addresses the curtailment issues that derive from an event
26 that occurred on January 6-7, 2017 and the failure of the automated contact
27 system Questar (now Dominion) had recently installed.

28 **Q. Please provide a summary of your conclusions and recommendations.**

29 A. US Magnesium was relying on the contact channels it provided to Questar
30 Gas in December of 2016 in the Customer Information Sheet. That sheet
31 identified the Day Phone contact numbers with extensions that Questar Gas was
32 to use to contact US Magnesium personnel in the event of an interruption. Questar
33 Gas did not inform US Magnesium that the notification system could not dial
34 phone numbers with extensions and, in fact, Questar Gas provided US
35 Magnesium with a Customer Information Sheet containing "Interruption
36 Contacts" for US Magnesium personnel that had phone numbers with extensions.
37 Because US Magnesium was relying on the contact information channels for
38 notice of interruptions—contact information that Questar Gas solicited and US
39 Magnesium provided pursuant to that request—US Magnesium did not receive
40 proper notice of a curtailment on January 6-7, 2017. Once US Magnesium was
41 informed of the inability of the automated contact system utilized by Questar Gas
42 to dial through extensions to provide notice of curtailments, US Magnesium

43 immediately started the process to find a direct dial extension to accommodate the
44 Questar Gas notification system in the event of any future interruptions.

45 After failing to properly notify US Magnesium of the January 6-7, 2017
46 interruption, Questar Gas has subsequently imposed a penalty on US Magnesium
47 and seeks to require it to pay rates based on firm service up to the level taken on
48 January 6, 2017, even though it cannot receive firm service at that level at the
49 plant location. US Magnesium does not believe it should pay a penalty or have its
50 payments based on the usage taken on January 6, 2017 when it did not receive
51 proper notice.

52 **II. US MAGNESIUM NATURAL GAS USAGE AND INTERRUPTIONS**

53 **Q. How does US Magnesium use natural gas within its operations?**

54 A. US Magnesium uses gas in 3 separate gas turbine systems where each
55 turbine uses natural gas to generate power and provide exhaust gas to spray dryers
56 to create material that is used in the process to produce magnesium. Each turbine
57 uses roughly 5,000 to 6,000 Dths per day at maximum draw, for a total turbine
58 use of roughly 15,000 Dths to 17,000 Dths per day at maximum draw. The plant
59 process also consumes 3,000 to 4,000 Dths per day of natural gas in various other
60 operations. The total plant use at maximum natural gas take uses 20,000 to 21,000
61 Dths per day.

62 **Q. Does US Magnesium have a contract with Questar Gas/Dominion Energy**
63 **Utah (“DEU”) for firm natural gas service?**

64 A. Yes. US Magnesium currently has a contract with DEU under the TS Rate
65 schedule whereby US Magnesium receives firm service for up to 15,000 Dths per
66 day. US Magnesium previously had a similar contract with Questar Gas. A copy
67 of the US Magnesium contract is attached as Exhibit 2.

68 **Q. Does US Magnesium receive interruptible service for natural gas usage above**
69 **its firm contract amount?**

70 A. Yes. US Magnesium pays for interruptible service of volumes above
71 15,000 Dths per day.

72 **Q. Has Questar Gas/DEU indicated that it has a limited ability to provide firm**
73 **gas service to US Magnesium?**

74 A. DEU and Questar Gas have each indicated that they cannot provide firm
75 service to US Magnesium above 15,000 Dths per day based on usage on the
76 feeder line and any constraints.

77 **Q. Prior to January 6, 2017, what did US Magnesium do when it has been called**
78 **upon to reduce its demand as a result of a curtailment?**

79 A. During past curtailments, US Magnesium has received a phone call from
80 Questar Gas personnel directly requesting that it reduce its gas usage to the
81 desired level, not by an automated system. It has reduced its gas usage when
82 called properly by either A) converting over from natural gas to diesel fuel to fuel
83 the turbines, B) turning a turbine off during the curtailment period, or C)

84 operating the turbines at lower fuel input levels to match the level of operation to
85 the required fuel consumption.

86 **III. DEU/QUESTAR GAS SEEKS TO IMPOSE PENALTIES ON US**
87 **MAGNESIUM FOR ALLEGEDLY FAILING TO PROPERLY REDUCE**
88 **GAS USAGE DURING AN INTERRUPTION ON JANUARY 6-7, 2017.**

89 **Q. Has DEU/Questar Gas sought to impose penalties on US Magnesium for an**
90 **alleged failure to curtail gas usage during an interruption on January 6-7,**
91 **2017?**

92 A. Yes. US Magnesium has received a letter from Questar Gas asserting that,
93 during a January 6-7, 2017 curtailment, US Magnesium purportedly failed to
94 properly reduce gas usage. The letter further indicated that Questar Gas was
95 imposing penalties pursuant to the Utah Natural Gas Tariff. A copy of the letter is
96 attached as Exhibit 1.

97 **Q. Please describe the penalties that DEU/Questar Gas seeks to impose.**

98 A. In the letter attached as Exhibit 1, Questar Gas asserts that US Magnesium
99 would be penalized at a rate of \$40/Dth for the use of 4,117 Dths on January 6,
100 2017 and for the use of 3,125 Dths on January 7, 2017, for a total penalty of
101 \$241,822.02. The letter further states that US Magnesium would be required to
102 purchase additional firm capacity of 4,117 Dths per day. In a response to a data
103 request, DEU/Questar Gas asserted that this additional firm capacity would cost
104 US Magnesium an additional \$112,846.97 per year for three years, totaling
105 \$338,540.91 for additional firm capacity. Questar's response to US Magnesium's
106 data response on this issue is attached as Exhibit 5.

107 Taken together, the penalties Questar Gas/DEU seek to impose against US
108 Magnesium total \$580,362.93.

109 **IV. QUESTAR GAS FAILED TO PROPERLY NOTIFY US MAGNESIUM OF**
110 **THE INTERRUPTION ON JANUARY 6-7, 2017.**

111 **Q. Prior to the winter of 2016-2017, did Questar Gas request that US**
112 **Magnesium provide contact information so that Questar Gas could inform**
113 **US Magnesium regarding a potential interruption of gas service?**

114 A. Yes. On November 26, 2016, I received an email from Bruce Rickenback,
115 the Questar Gas client representative for US Magnesium. In that email, a copy of
116 which is attached as Exhibit 3, Mr. Rickenbach indicated that Questar Gas uses a
117 “Rapid Notify” system to alert industrial customers of interruptions and to
118 provide other important messages. Mr. Rickenbach attached a copy of a
119 Customer Information Sheet, which he requested that I review to ensure that the
120 contact information contained therein was correct. The Customer Information
121 Sheet attached to Mr. Rickenbach’s email contained phone numbers for contacts
122 at US Magnesium, including phone numbers for “Interruption Contacts.”

123 **Q. How did you respond to Questar Gas’s request for contact information for**
124 **interruptions?**

125 A. I reviewed the Customer Information Sheet provided by Mr. Rickenbach,
126 which contained US Magnesium contact names and phone numbers for
127 “Interruption Contacts,” among other information. I reviewed the sheet and
128 ensured that the phone numbers set forth in the Customer Information Sheet were
129 accurate. Then, on December 12, 2016, I signed the Customer Information Sheet

130 that I had received from Mr. Rickenbach and returned it to him that day. The
131 signed Customer Information Sheet that I sent to Mr. Rickenbach, as well as my
132 email exchange with him, is attached as Exhibit 4.

133 All of the names and phone numbers of US Magnesium personnel set forth
134 on the signed Customer Information Sheet that I sent to Mr. Rickenbach are the
135 same as those that were set forth on the unsigned Customer Information Sheet he
136 sent me on November 29, 2016. In other words, Mr. Rickenbach sent me a
137 Customer Information Sheet with contact names and phone numbers (typed out
138 by Questar Gas) and I signed the same form he had given me without changing
139 any of the contact information previously held by Questar Gas—numbers that
140 Questar Gas had used to contact US Magnesium during prior curtailments and
141 which I had no reason to believe could not be used for the same purpose in the
142 future.

143 **Q. When it requested US Magnesium’s contact information for interruptions**
144 **and other important messages, did Questar Gas inform US Magnesium that**
145 **the “Rapid Notify” system could not dial phone numbers with extensions?**

146 A. No. The email to US Magnesium requesting contact information for
147 interruptions did not indicate that the Questar Gas notification system could not
148 dial phone numbers with extensions. As set forth above, the unsigned Customer
149 Information Sheet that I received from Mr. Rickenbach contained US Magnesium
150 contact names and phone numbers *with* extensions and I sent him the signed
151 Customer Information Sheet included in Exhibit 4, which contained the same

152 contact names and phone numbers with extensions that Questar Gas previously
153 had on file. When I sent the signed Customer Information Sheet to Mr.
154 Rickenbach—which included two Day Phone numbers to call in the case of an
155 interruption, both of which contained extensions—neither Mr. Rickenbach nor
156 anyone else at Questar Gas informed me that the Questar Gas notification system
157 could not dial phone numbers with extensions.

158 If the Questar Gas notification system could not dial extension numbers,
159 Questar Gas should have made me aware of that fact so that we could find a
160 solution before a curtailment occurred. But they did not. Questar Gas failed to
161 notify me that the “Rapid Notify” system could not dial the Interruption Contact
162 Day Phone numbers listed in the Customer Information Sheet I sent to Mr.
163 Rickenbach.

164 **Q. The Customer Information Sheet provided in November 2016 to describe the**
165 **interruption season and new circumstances mentions a “Rapid Notify”**
166 **system that would use electronic based messaging for contacts to the phone**
167 **numbers provided as well as email and text messages. What else does the**
168 **Customer Information Sheet state is important?**

169 A. The sheet says it is important to keep the information up to date if there
170 are any changes. This message concerning “if there are any changes” is ironic,
171 given that Questar Gas/DEU could not notify US Magnesium at the “Interruption
172 Contact” Day Phone numbers contained on the sheet Mr. Rickenbach sent me and
173 given that Questar Gas/DEU failed to inform me or anyone else at US Magnesium

174 of changes to the system that would not allow a call to be completed through a
175 phone line with extensions that was not a direct line.

176 **Q. Did the Questar Gas/DEU phone system send a text message on January 6th**
177 **that clearly stated that US Magnesium would need to reduce gas usage?**

178 A. No. I received a text message on January 6, but that came from an
179 unknown number that shows up on my phone as from 76127. The message stated
180 as follows: “Questar Gas has called system capacity and supply reduction
181 interruptions. Please review your email for more details.” The text message did
182 not say anything except to look for an email from Questar explaining what to do.

183 **Q. Did you receive an email from Questar Gas/DEU on January 6, 2017**
184 **regarding an interruption?**

185 A. I received an email on January 6, 2017 but it did not come from Questar
186 Gas or DEU. I did receive an email that day from a sender called
187 “noreply@ecnalert.com” with no clear connection to Questar or to something
188 called Rapid Notify.

189 **Q. What did the email state with respect to an interruption?**

190 A. A copy of the email I received on January 6, 2017 is attached as Exhibit 6.
191 The email states that there is an interruption on the Questar system for customers
192 with interruptible load. As Questar Gas noted in the November 29, 2016 email to
193 me requesting that US Magnesium confirm contact information for interruptions
194 (Exhibit 3), “[i]nterruptions may be geographic, full or partial.” The January 6,
195 2017 email from “noreply@ecnalert.com” (Exhibit 6) does not clearly state the

196 scope of the interruption. There is no clear affirmative statement in the email as to
197 whether the interruption is full or partial or whether it affects only a part of the
198 Questar Gas system. There was also no statement as to how US Magnesium was
199 required to respond to the interruption, whatever its scope. The email as shown in
200 Exhibit 6 explains in much detail that usage cannot be greater than what was
201 being delivered on an hourly basis. It makes a point to say “If necessary please
202 reduce your usage” rather than being clear and affirmative that all interruptible
203 volumes in full should be curtailed. The email message shown in Exhibit 3 along
204 with the January 6, 2017 email (Exhibit 6) creates confusion.

205 **Q. Was it clear that email addresses would be used as interruption contacts?**

206 A. No, the Customer Information Sheet I received from Questar Gas/DEU
207 and that I returned to Questar Gas/DEU does not list emails as “Interruption
208 Contacts.” Emails are listed as general contacts, but not as contacts in the case of
209 an interruption. Emails should not be used in the case of an interruption. Email is
210 at best a secondary contact channel, as not everyone has access to sound web
211 connection or even access during nighttime hours away from business computers.
212 Questar Gas/DEU should notify interruptible customers in advance if email is
213 going to be a primary channel of communication regarding an interruption.
214 Questar Gas/DEU did not do that in this case. Delivering actual notice of
215 interruption to the Interruption Contact Day Phone numbers listed on the
216 Customer Information Sheet for the daytime period and cell phone or other
217 numbers as back-up listed for night contacts is the only appropriate means of

218 providing proper notice to a company expected to curtail usage, at the risk of
219 hundreds of thousands of dollars in penalties.

220 **Q. When US Magnesium was informed that the Questar Gas/DEU notification**
221 **system could not dial phone numbers with extensions, what steps did it take?**

222 A. US Magnesium did not learn that the Questar Gas/DEU system was
223 unable to dial phone numbers with extensions until after the January 6-7, 2017
224 curtailment. Once US Magnesium learned this fact, it immediately took steps to
225 ensure that a direct dial phone was put in place with contact to a control room that
226 is manned 24 hours per day. It had DEU test the system and it worked.

227 **Q. Did a person at Questar Gas/DEU contact you on January 6, 2017 to**
228 **determine whether the electronic contact system had worked that day?**

229 A. Yes, Bruce Rickenbach of Questar Gas/DEU contacted me on my cell
230 phone on January 6, 2017 while I was driving to California. He seemed very
231 concerned about whether the notification system had worked and I told him I got
232 his message but that I was driving across the Mohave Desert when it arrived and
233 did not receive it until later when I returned to an area with cell phone service. At
234 the time I did not know that the notification system could not contact the
235 Interruption Contact Day Phone numbers we had listed in the Customer
236 Information Sheet and that, as a result, the notification system had not informed
237 US Magnesium of the interruption. I assumed wrongly that the system had dialed
238 through the extensions to the US Magnesium utility foreman Mike Tucker and
239 that Questar Gas/DEU had provided proper notice to the US Magnesium plant.

240 **Q. Explain why Questar Gas/DEU failed to properly notify US Magnesium by**
241 **calling the cell phone numbers listed as “Interruption Contacts” on the**
242 **Customer Information Sheet.**

243 A. For security reasons, US Magnesium plant personnel are not allowed to
244 use cell phones when they are at the US Magnesium facility. US Magnesium
245 relied on the Day Phone number contacts it listed in the Customer Information
246 Sheet as the means to receive interruption and emergency notification. Because
247 the Questar/DEU phone system was not able to dial extensions, the person that
248 was available and working at US Magnesium—Mike Tucker—did not get
249 contacted that day. As explained in his testimony in this docket, Mr. Tucker was
250 at the US Magnesium plant much of the day, where his cell phone is not
251 permitted. When Mr. Tucker retrieved his cell phone and text messages that
252 evening, he had already made sure there was plenty of gas coming to the system
253 from the US Magnesium supplier and, based on the confusing nature of the email
254 suggesting that US Magnesium should curtail usage “if necessary,” he did not
255 think he had to curtail gas usage since it appeared it was not necessary because he
256 had not received a call on his daytime phone as listed in the Customer Information
257 Sheet.

258 **V. POTENTIAL CHANGES TO THE NOTIFICATION SYSTEM TO**
259 **ENSURE PROPER NOTIFICATION IN THE FUTURE.**

260 **Q. Do you have any suggestions as to how to change the Questar Gas/DEU**
261 **notification system to prevent the confusion and lack of proper notice to firm**
262 **transportation customers about reducing their usage to the lesser of what is**
263 **being delivered or their contract quantity?**

264 A. Yes, I would suggest that the company send out separate notices to
265 interruptible customers and to firm transportation customers. The notice to
266 interruptible customers should state the specific type of interruption—full, partial
267 or geographic with an affirmative direction as what to do. The notice to firm
268 transportation customers should direct such customers to use only as much gas as
269 is being delivered to the system for their needs or their firm contract quantity—
270 whichever is lower. The notice to transportation customers should further state
271 that transportation customers must drop usage “if necessary” depending on their
272 receipt volumes to the system as the email states. Separate notices will remove
273 the confusion that the single notice provides.

274 **Q. What other information do you have concerning the notification system?**

275 A. When US Magnesium found out that the notification system could not dial
276 through to the day time contact numbers, thus causing US Magnesium not to be
277 notified to curtail, I contacted the vendor of the system and asked if the system
278 could be programed to dial through a phone tree system. The vendor informed me
279 that the system could be programmed to do this and that it was just a case of
280 adding a bit more programming to the logic. So, the issue with US Magnesium

281 not receiving notice could have been averted if the Company had just had the
282 phone tree logic built in before it was brought on line. An email from the system
283 vendor is shown as Exhibit 7.

284 **Q. What other action besides having the logic associated with the phone tree**
285 **built in would have eliminated the issue?**

286 A. The company could have just informed US Magnesium that its notification
287 system could not dial phone numbers with extensions. Such a statement could
288 have been included on the Customer Information Sheet. That simple step would
289 have kept US Magnesium from facing this potential \$580,000 penalty.

290 **Q. Has DEU taken steps since this event with US Magnesium not receiving**
291 **proper notification?**

292 A. Yes. Since January 6, 2017, Questar Gas/DEU has taken actions that—
293 had they been in place on January 6—would have eliminated this communication
294 issue. First, DEU has now put a notice on the Customer Information Sheet stating
295 that extensions will not work with its system. The notice states as follows:

296 Dominion Energy uses a mass notification software system to alert customers of important
297 messages. The notification system will not dial to an automated answering system, such as a
298 system requiring menu inputs or an extension. Please provide direct phone numbers only.
299 Customer shall be responsible for the payment of any fees or penalties due to incorrect or
300 incomplete contact information.

301
302 A newly-revised Customer Information Sheet containing this language is
303 attached hereto as Exhibit 8. It should be noted that the font size for this warning
304 is much smaller than the rest of the type on the Customer Information Sheet
305 shown in Exhibit 8. Given the importance of the message, the type size should be
306 made more noticeable. The new Customer Information Sheet also now states that

307 the customer will be responsible for the payment of fees or penalties due to
308 incorrect or incomplete contact information. If this short section of fine print
309 wording were included on the sheet that was provided in November of 2016 to US
310 Magnesium, we would have made sure to install the direct phone line to eliminate
311 the issue we are addressing now. By DEU leaving off this critical information it
312 begs the question of which party in this matter provided incorrect or incomplete
313 information that led to this unfortunate circumstance. I think the party that
314 provided incomplete information in this matter was DEU, and if any party should
315 be held accountable to pay a penalty for its lack of complete information it is
316 DEU.

317 **Q. What other changes to notification did you see in this instance that may**
318 **provide less confusion in the future?**

319 A. As shown in Exhibit 6, the January 6, 2017 email notification suggesting
320 that Questar was experiencing supply issues was sent by an entity identified as
321 “no-reply@ecnalert.com.” US Magnesium did not have any indication that this
322 was the party who would send an authentic notification regarding an interruption
323 of all or part of the Questar Gas system. Questar seems to have remedied this
324 matter somewhat in the email on the following day saying the interruption was
325 being lifted. This January 7, 2017 email—also shown in Exhibit 6, identified the
326 sender as Account.Managment@Questar.com <no-reply@ecnalert.com>. At least
327 with the January 7 2017 email there is a tie to the potential that this email came
328 from Questar, and was not the source of a scam from a third party.

329 **Q. Did the text message you received on January 6, 2017 clearly lay out where it**
330 **came from and what US Magnesium was required to do in response?**

331 A. No. The text I received is from a number that shows up on my phone as
332 76127. I don't know that this is an authentic number from the Questar Gas/DEU
333 system. The text says "Questar Gas has called system capacity and supply
334 reduction interruptions. Please review your email for more details." In addition to
335 the fact that the text message comes from an unknown number, the body of the
336 text neither expressly states that it is from Questar Gas nor explains what the
337 person who receives the text is required to do in response. If the person who
338 receives the text is not able to receive emails or read them for the promised "more
339 details," he or she will not know whether or not the interruption requires any
340 particular action. Moreover, the recipient of the text message could not simply
341 call the phone number attached to the text message to seek further information.

342 **Q. Can you say that the email message you received was clear as to what actions**
343 **US Magnesium was expected to take?**

344 A. No, the message contained in the email was not clear. From the
345 perspective of someone who receives the email and is attempting to understand
346 what is happening and what actions he or she is being asked to take, the email is
347 not clear. The email as provided in Exhibit 6 states that Questar Gas is
348 experiencing cold temperatures along with supply constraints. It says there is an
349 interruption but omits critical affirmative information about the scope or
350 magnitude of the interruption that is being called. As the explanation of

351 interruption details in the November 29, 2016 email from Bruce Rickenbach
352 (Exhibit 3) there can be geographic, full or partial interruptions. The email also
353 focuses on the supply basis stating that “Questar is unable to supply gas in excess
354 of volumes being delivered on your behalf to the Questar system.” It goes on to
355 say in a very confusing statement “If necessary restrict your usage” rather than
356 being more affirmative. The email statement would have been clearer if it had
357 said that a system-wide, full interruption for all interruptible capacity is being
358 called and customers must restrict usage to firm capacity with supply that is being
359 provided for its use to the system. US Magnesium had checked with its supplier
360 that day and its supplier indicated that its supply volume had not been cut. The
361 message from the email was not as clear as it could have been.

362 **Q. What else could the email sheet and the text and the automated system have**
363 **to help customers be sure of what actions to take?**

364 A. In the future, any email notification like the one contained in Exhibit 6
365 should provide contact information for the recipient to communicate with DEU to
366 authenticate the notice and to request further information.

367 **Q. Why would you need to have authentication?**

368 A. In today’s world with important cyber security issues coming up every day
369 it is not inconceivable that mischievous persons or competitive parties could want
370 to upset operations for some industrial entities or utilities. Exhibit 9 is just one
371 recent example of utilities being the subject of cyber attacks. Having a live phone
372 number listed to reach back to DEU to get affirmation that a geographic, full or

373 partial interruption is being instituted would be an important confirmation that
374 this is actual information sent by DEU. The phone number called could just give a
375 message that could just lay out what was being asked by the gas company to
376 provide some assurance of an authentic curtailment. The number should also have
377 an option to contact a live person to ask questions or to leave a message for a
378 response back to the customer.

379 **Q. There are other issues that came to light with understanding the Customer**
380 **Information Sheet shown in Exhibit 4. What were they?**

381 A. One important element that was communicated after the fact to US
382 Magnesium was that more than two interruption contacts could be listed on the
383 Customer Information Sheet as interruption contacts and, in fact, we were
384 informed that we could list as many contacts as we wanted. This would have
385 been very helpful information prior to January 6, 2017 and could have likely
386 resulted in a better curtailment response if we would have been informed of this in
387 the November 29, 2016 email from Questar (Exhibit 3). US Magnesium provided
388 only two "Interruption Contacts" because those were the two "Interruption
389 Contacts" listed on the original sheet generated by Questar Gas and given to US
390 Magnesium. US Magnesium reasonably believed that providing two "Interruption
391 Contacts" was sufficient because it would allow one party to be available if the
392 other was on vacation or traveling and away from the area. This happened to be
393 the case on January 6, 2017 with myself driving to California through the Mohave
394 Desert when the curtailment notice came.

395 As shown on Exhibit 10 US Magnesium has listed additional “Interruption
396 Contacts” for such events and we may want to add more depending on how tests
397 go.

398 **Q. Do you have a suggestion for providing more information on the Customer**
399 **Information Sheet?**

400 A. Yes, the Customer Information Sheet should say that a customer can have
401 as many contacts as they would like to have listed for emergency and
402 curtailments.

403 **Q. You made reference above to tests of the DEU notification system. Please**
404 **describe the type of tests you’re referring to**

405 A. In November of 2017, DEU took the step to actually test the interruption
406 notification system—a step that would have alerted US Magnesium to the
407 problem with extensions if it would have been done in the fall of 2016. During
408 the test in the fall of 2017, the direct dial number to the US Magnesium control
409 room that is now set forth on the Customer Information Sheet as an “Interruption
410 Contact” did receive a call, but no information could be heard. US Magnesium
411 subsequently asked for an additional test and, in that test, the information could be
412 heard. US Magnesium has suggested to DEU that the emergency contact system
413 be tested once a quarter to make sure all systems are operating as required and
414 parties know how to respond.

415 **Q. In some information provided by DEU they seem to state they do not have an**
416 **obligation to notify customers of changes to the emergency/interruption**
417 **notification system. Do you agree with that?**

418 A. No, I vigorously disagree with the idea that customers should be
419 potentially exposed to hundreds of thousands of dollars in fees and penalties with
420 the company arbitrarily changing its notification system in some way that it has
421 not communicated clearly to any of its customers. We would ask that the
422 Commission clearly repudiate this assertion that customers can be surprised by
423 the Company's unilateral actions.

424 **Q. Do you believe the Tariff sections discussing the interruption specific**
425 **requirements need to be updated to make clear the rights and responsibilities**
426 **of the parties?**

427 A. Yes, I think clearer communication is always in the best interest of
428 smoother operations and clearly there were circumstances in this matter in which
429 greater communication could have averted the unfortunate circumstances that
430 occurred. By changing the Tariff to indicate the proper communication channels
431 for notification, customers will have a clearer set of channels to ensure proper
432 notification.

433 **Q. Did DEU suffer any damages as result of US Magnesium not reducing its**
434 **demand down below firm capacity on January 6-7, 2017?**

435 A. DEU informed me that neither it nor any of its customers suffered
436 damages in this instance.

437 **Q. Can you provide an explanation as to why there should not have been any**
438 **damages in this type of event?**

439 A. As it has been explained to US Magnesium, the interruption event on
440 January 6-7, 2017 was a supply capacity event brought about by DEU supplies
441 falling short. US Magnesium supplies were being delivered to the system
442 according to its supplier. We understand that DEU does not rely on interruptible
443 customer's gas supplies and it certainly does not credit interruptible customers
444 with a value associated with being a peaking gas resource at this time. In fact, US
445 Magnesium's gas supplier offered to sell gas volumes to DEU during this
446 particular interruption event and DEU declined to purchase those volumes. So as
447 a supply-induced event, US Magnesium was not adding to the problem because
448 its gas was being delivered and was not contributing to the problems that the
449 company had with its own gas delivery shortfall.

450 **Q. The penalty for not interrupting is in place to encourage parties to interrupt**
451 **when proper notice is provided. Do you believe US Magnesium should**
452 **receive a penalty that is approximately \$580,000 for this circumstance?**

453 A. No, I do not. As stated on the new revised Customer Information Sheet, a
454 party that provides incomplete or incorrect information should be responsible for
455 penalties and fees and I would suggest that the company provided incomplete
456 information regarding the contact channel we used for day time contacts and any
457 number with extensions not working. That is, Questar Gas indicated that, in the
458 event of a day time interruption, Questar Gas would notify Mike Tucker and

459 Roger Swenson at the day phone numbers identified on the Customer Information
460 Sheet. US Magnesium relied on that information that the company had in front of
461 it. If Questar Gas could not communicate with US Magnesium at those phone
462 numbers, then the Company should have seen this as a problem and alerted US
463 Magnesium to the issue. If any party in this matter deserves a penalty it is DEU in
464 order to send a message that it should be vigilant when it makes changes to make
465 sure systems that we all rely on will work as expected.

466 **Q. Do you have a final conclusion in this matter you would like to state?**

467 A. Yes, I do. I respectfully submit that the Commission should hold Questar
468 Gas/DEU responsible for its negligent and reckless behavior and omissions in not
469 telling customers that numbers listed on Customer Information Sheets and input
470 into electronic contact systems would not work, and the Commission should
471 direct DEU to cease and desist from its improper efforts to impose unauthorized,
472 unjustified and unconscionable penalties on US Magnesium and apply any such
473 penalty to DEU to encourage proper behavior in the future.

474 **Q. Does this complete your testimony in this matter?**

475 A. Yes.

Gary A. Dodge (0897)
Phillip J. Russell (10445)
HATCH, JAMES & DODGE
10 West Broadway, Suite 400
Salt Lake City, UT 84101
Telephone: 801-363-6363
Facsimile: 801-363-6666
Email: gdodge@hjdllaw.com
prussell@hjdllaw.com

Attorneys for US Magnesium

BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH


In the Matter of the Request for Agency Action And Complaint of US Magnesium, LLC against Dominion Energy Utah	Docket No. 17-057-13
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DIRECT TESTIMONY OF MIKE TUCKER

US Magnesium, LLC (“US Magnesium”) hereby submit the Direct Testimony of
Mike Tucker in this docket.

DATED this 22nd day of December 2017.

HATCH, JAMES & DODGE

/s/ 
Phillip J. Russell
Attorneys for US Magnesium

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing was served by email this 22nd day of December 2017 on the following:

DOMINION ENERGY UTAH


Jennifer Clark jennifer.clark@dominionenergy.com
Cameron Sabin cameron.sabin@stoel.com

DIVISION OF PUBLIC UTILITIES

Chris Parker chrisparker@utah.gov
William Powell wpowell@utah.gov
Patricia Schmid pschmid@agutah.gov
Justin Jetter jjetter@agutah.gov
Erika Tedder etedder@utah.gov

OFFICE OF CONSUMER SERVICES

Michele Beck mbeck@utah.gov
Cheryl Murray cmurray@utah.gov
Steven Snarr stevensnarr@agutah.gov
Robert Moore rmoore@agutah.gov



Phillip J. Russell
Attorneys for US Magnesium

BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

In the Matter of the Request for Agency Action And Complaint of US Magnesium, LLC against Dominion Energy Utah	Docket No. 17-057-13
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Direct Testimony of Mike Tucker
On Behalf of
US Magnesium, LLC

December 22, 2017

1 **Q. Please state your name and business address.**

2 A. My name is Mike Tucker. My business address is the US Magnesium
3 Plant Rowley, Utah.

4 **Q. By whom are you employed and in what capacity?**

5 A. I am the Operations Manager over Chemical and Utilities of US
6 Magnesium, LLC (“US Magnesium”)

7 **Q. On whose behalf are you testifying in this proceeding?**

8 A. My testimony is submitted on behalf of US Magnesium.

9 **Q. Please summarize your qualifications.**

10 A. I was hired at the plant on July 18, 1977, which was AMAX at the time,
11 and I am still currently employed at the same plant, now operated as US
12 Magnesium. I have held hourly jobs, several foreman positions, Supervisor
13 positions and, since 2016, Operations manager over Chemical and Utilities.

14 Prior to joining US Magnesium I worked for 6 years at Kaiser Chemicals
15 in Wendover, Utah in several hourly positions.

16 **Q. Have you previously testified before the Public Service Commission of Utah
17 (“Commission”)?**

18 A. No, I have not.

19 **Q. What is the purpose of your testimony in this case?**

20 A. My testimony addresses actions taken in January 2017 concerning events
21 surrounding a gas supply curtailment where we did not receive a phone call to our
22 Day phone contact number we rely on.

23 **Q. Did US Magnesium provide contact information to Questar Gas in December**
24 **of 2016 indicating who at US Magnesium would be contacted in the event**
25 **that Questar Gas required US Magnesium to curtail its interruptible gas**
26 **service?**

27 A. Yes. I understand that Questar Gas emailed Roger Swenson in November
28 of 2016 in an effort to obtain accurate contact information that Questar would use
29 to notify US Magnesium of an interruption. This email to Mr. Swenson, attached
30 as US Magnesium Exhibit 3, provided a Customer Information Sheet for Mr.
31 Swenson and asked him to verify the accuracy of US Magnesium's contact
32 information. I understand that Mr. Swenson provided the requested information
33 to Questar by ensuring the accuracy of the phone numbers contained on the
34 Customer Information Sheet, signing it, and returning it to Questar in December
35 of 2016. The Customer Information Sheet Mr. Swenson provided to Questar is
36 attached as US Magnesium Exhibit 4.

37 **Q. Does the Customer Information Sheet attached as US Magnesium Exhibit 4**
38 **indicate that Questar Gas is to contact you in the event of an interruption?**

39 A. Yes. The Customer Information Sheet lists two "Interruption Contacts." I
40 am listed as "1ST" Interruption Contact and Mr. Swenson is listed as "2ND"
41 Interruption Contact. Next to where my name is listed as the "1ST" Interruption
42 Contact, the Customer Information sheet lists my office phone number (801-432-
43 2043 ext. 1337) under a heading titled "Day Phone". The Customer Information
44 Sheet further lists my cell phone number under a heading titled "Mobile Phone".

45 **Q. On January 6-7, 2017, did you receive a call from Questar on your office**
46 **phone number on the Customer Information Sheet regarding a curtailment**
47 **of Questar's natural gas service?**

48 A. No, I did not.

49 **Q. Was your office phone working on January 6 and 7, 2017?**

50 A. Yes, my office phone was working those days. Moreover, my phone is
51 capable of receiving and storing voice messages, and I did not receive any voice
52 message from Questar on my office phone that day.

53 **Q. Were you in your office during the day on January 6, 2017?**

54 A. I was in my office at the plant that day, and I also occasionally left the
55 office to visit plant processing areas.

56 **Q. Was there a means to receive a phone call if Questar had tried to call you**
57 **regarding an interruption?**

58 A. Yes. The phone system does take voice messages that I check when I
59 come in from visiting the processing areas.

60 **Q. Does US Magnesium allow the use of cell phones in the plant?**

61 A. No. For security purposes, US Magnesium does not permit the use of cell
62 phones within any areas at the plant, including in my office at the plant.

63 **Q. Did you receive a message from Questar on your cell phone regarding an**
64 **interruption on January 6, 2017?**

65 A. Yes. When I turned on my cell phone later in the day after I had gone
66 home, I had a text message and a voice message from Questar. The text message

67 directed me to view an email from the company and indicated that the email
68 would contain instructions to follow for an interruption.

69 **Q. Please describe the email that you received on January 6th.**

70 A. I did not receive an email from a Questar email address on January 6,
71 2017 regarding an interruption. I did receive an email on January 6 from a sender
72 called “no-reply@ecnalert.com”. A copy of the email I received from that sender
73 is attached as Exhibit 11.

74 **Q. When you saw the email from “no-reply@ecnalerts.com,” did you**
75 **understand that US Magnesium was being asked to take any particular**
76 **action in response to the email?**

77 A. No. I did not understand that US Magnesium was being asked to take any
78 particular action in response to the January 6 email. As an initial matter, I did not
79 (and do not) know who or what “no-reply@ecnalert.com” is or how (if at all) it is
80 or was associated with Questar Gas.

81 Moreover, the email stated that “Questar Gas is unable to provide
82 additional supplies to make up for any shortfalls in the amount of gas being
83 provided on your behalf to the Questar Gas system.” On the morning of January
84 6, I was informed by US Magnesium’s gas supplier that we would receive all gas
85 volumes we had requested that day and that there was no shortfall in our supplies.
86 The email message said that we should curtail if necessary and from the response
87 from our gas supplier all our volumes were being delivered. Because I did not

88 have a call at the day contact number it was not clear that we needed to drop our
89 load based on the email since we had not been notified.

90 **Q. Prior to January 6, 2017, did you understand that Questar's notification**
91 **system could not dial extensions, such as the ones US Magnesium provided to**
92 **Questar as the "Interruption Contact" Day Phone numbers on the Customer**
93 **Information Sheet?**

94 A. No, I was not informed until Mr. Swenson found out later in the month
95 that the Questar notification system could not dial extensions.

96 **Q. When Mr. Swenson found out that the system would not work with**
97 **extensions, did you find a direct dial phone number to use in the plant**
98 **control room?**

99 A. Yes, we have a direct dial phone that was tested in late January, 2017 and
100 it worked.

101 **Q. If that phone had been used as the daytime phone contact system during the**
102 **events of January 6th 2017 do you testify that US Magnesium would have**
103 **dropped its load below the firm usage cap of 15,000 Dths per day?**

104 A. Yes, if that direct line phone would have been called on January 6, 2017,
105 the control room operator would have dropped the usage down to below the firm
106 level.

107 **Q. Does this complete your testimony in this matter?**

108 A. Yes it does.

BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

In the Matter of the Request for Agency Action
And Complaint of US Magnesium, LLC
against Dominion Energy Utah

Docket No. 17-057-13

US Magnesium Exhibit 1



Questar Gas Company
 Industrial and Municipal Accounts
 P.O. Box 45360
 Salt Lake City, UT 84145-0360
 Tel 801 324 2942 • Cell 801 557 2375
 Bruce.Rickenbach@questar.com

Bruce Rickenbach
 Sr. Account Manager

Dear Customer:

Under the terms of Questar Gas Company's Utah Natural Gas Tariff (Tariff), and the terms of your current contract, during an interruption or curtailment period you may burn **the lesser of 1) the firm portion of the Maximum Daily Contract Limit or 2) the amount delivered to Questar Gas' system on your behalf.**

The Utah Natural Gas Tariff §3.02 – Failure to Interrupt states:

"A customer who fails to interrupt when properly called upon by the Company to do so will incur a \$40-per-decatherm penalty for all interruptible volumes utilized during the course of an interruption. Each failure to interrupt will result in the imposition of the per-decatherm penalty."

It further provides:

"If any interruptible customer fails to reduce or discontinue use of natural gas, and in the case of a transportation customer failing to interrupt or reduce gas usage or nominations in accordance with this section, then the customer will pay the penalty and other charges as follows:

DNG Penalty	Supplier Non-Gas Cost	Commodity Cost
\$40.00/Dth	SNG rate from the IS Rate Schedule	Highest gas cost during the period of interruption

Questar Gas Company Utah Natural Gas Tariff at Pages 3-2 and 3-3.

Our records indicate that you burned more than the allowed amount during the curtailment period from 2:00 pm on January 6, 2017 until 1:00 pm on January 7, 2017. The attached penalty calculation worksheet¹ shows those volumes and the calculation of the penalty outlined in the Tariff provision referenced above.

The penalty charges for the January 6-7, 2017 curtailment, as shown in the attachment, will appear on your April, 2017 Questar Gas bill.

Additionally, you will be moved to a firm rate schedule for the volumes reflected in the attached worksheet. Section 3.02 of the Tariff further provides that

"If a customer fails to interrupt when called upon by the Company to do so, then beginning on July 1st following the failure to interrupt, the customer will be moved from the interruptible rate

¹ If you have more than one facility, we have attached a calculation worksheet for each facility.

schedule to an available firm rate schedule for three years for those interruptible volumes it failed to interrupt. To the extent that the Company determines that providing firm service is operationally infeasible, then the customer will pay a demand charge that would have applied for those interruptible volumes it failed to interrupt for three years, beginning on July 1st following the failure to interrupt, but will continue to receive interruptible service."

Accordingly, those volumes which you failed to interrupt, as reflected on the attached worksheet, will be billed at the firm TS rate for the next three years beginning on July 1, 2017. Those volumes will be transported according to the terms and conditions applicable to firm transportation service as set forth in your Transportation Service Agreement and the Tariff.

If you have any questions, please contact me at 801-324-2942.

Sincerely,

A handwritten signature in blue ink, appearing to read "Bruce R. Kentel". The signature is written in a cursive style with a large initial "B".

Account Name: Magnesium Corporation of America
 Contract No: 7670339
 Location No: 90320

Questar Gas Company

Questar Gas TS Service Agreement:

	1/6/2017		Dth		1/7/2017		Dth	
	Daily	Hourly			Daily	Hourly		
Firm Contract Limit	15,000	625.0			15,000	625.0		
Delivered to the city gate by marketer	15,085	628.5			18,440	768.3		

		1/6/2017		Total
Begin	End	Prior Usage	Curtailment Usage	
8 a.m.	9 a.m.	891		
9 a.m.	10 a.m.	873		
10 a.m.	11 a.m.	886		
11 a.m.	12 a.m.	867		
12 a.m.	1 p.m.	861		
1 p.m.	2 p.m.	867		
2 p.m.	3 p.m.		861	
3 p.m.	4 p.m.		869	
4 p.m.	5 p.m.		868	
5 p.m.	6 p.m.		871	
6 p.m.	7 p.m.		873	
7 p.m.	8 p.m.		872	
8 p.m.	9 p.m.		882	
9 p.m.	10 p.m.		893	
10 p.m.	11 p.m.		843	
11 p.m.	12 p.m.		792	
12 p.m.	1 a.m.		789	
1 a.m.	2 a.m.		774	
2 a.m.	3 a.m.		816	
3 a.m.	4 a.m.		866	
4 a.m.	5 a.m.		864	
5 a.m.	6 a.m.		871	
6 a.m.	7 a.m.		890	
7 a.m.	8 a.m.		873	
Total		5,245	15,367	20,612

		1/7/2017		Total
Begin	End	Curtailment Usage	After Usage	
8 a.m.	9 a.m.	889		
9 a.m.	10 a.m.	881		
10 a.m.	11 a.m.	858		
11 a.m.	12 a.m.	888		
12 a.m.	1 p.m.	854		
1 p.m.	2 p.m.		861	
2 p.m.	3 p.m.		867	
3 p.m.	4 p.m.		859	
4 p.m.	5 p.m.		866	
5 p.m.	6 p.m.		859	
6 p.m.	7 p.m.		870	
7 p.m.	8 p.m.		856	
8 p.m.	9 p.m.		865	
9 p.m.	10 p.m.		864	
10 p.m.	11 p.m.		857	
11 p.m.	12 p.m.		856	
12 p.m.	1 a.m.		851	
1 a.m.	2 a.m.		858	
2 a.m.	3 a.m.		879	
3 a.m.	4 a.m.		859	
4 a.m.	5 a.m.		839	
5 a.m.	6 a.m.		845	
6 a.m.	7 a.m.		845	
7 a.m.	8 a.m.		854	
Total		4,370	16,310	20,680

Minimum Hourly Rate Firm/Delivered 625.00
 Total Curtailment Hours 18

Minimum Hourly Rate Firm/Delivered 625.00
 Total Curtailment Hours 5

Gas Allowed to burn during curtailment
 (min hourly rate * curtailment hours) 11,250.0

Gas Allowed to burn during curtailment
 (min hourly rate * curtailment hours) 3,125.0

Penalty Dths 4,117.00
 (Curtailment Usage - Gas Allowed to burn during curtailment)

Penalty Dths 1,245.0
 (Curtailment Usage - Gas Allowed to burn during curtailment)

DNG Penalty 40
 Supplier Non Gas 0.17922
 Commodity Cost 4.92
 Penalty Rate: 45.09922

DNG Penalty 40
 Supplier Non Gas 0.17922
 Commodity Cost 4.92
 Penalty Rate: 45.09922

Penalty Charge \$ 185,673.49

Penalty Charge \$ 56,148.53

Total Penalty \$ 241,822.02

Penalty Charge may be different than billed amounts due to rounding or applicable taxes not shown here.

Additional Firm Requirement starting July 1, 2017 4117 Dth per day
 Current Annual Firm Rate of \$27.41

BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

In the Matter of the Request for Agency Action
And Complaint of US Magnesium, LLC
against Dominion Energy Utah

Docket No. 17-057-13

US Magnesium Exhibit 2

**QUESTAR GAS COMPANY
UTAH TRANSPORTATION SERVICE AGREEMENT**

Customer Name: US Magnesium LLC

Account Number: 5677760000

SA_ID(s) and Service Address(es):

SAID	SERVICE ADDRESS	PRIMARY/SECONDARY (Administrative Charge)	MAP POINT (Interconnect / Delivery Point into QGC System)	DCL	FIRM
5677760948	12.5 Mi N of I-80 Es FT, Grantsville, UT 84029	\$4,500	Wasatch Front 90164	28,000	15,000

Mailing Address: 238 North 2200 West, Salt Lake City, UT 84116-2921

Service Initiation Date: July 1, 2015 (upgrade to existing service)

This Transportation Service Agreement (TS Agreement) is entered into this 1st day of July, 2015, by and between Questar Gas Company, a Utah corporation ("Company") and US Magnesium LLC, a limited liability company ("Customer"). Company and Customer may be referred to herein individually as "Party" and collectively as "Parties." The Parties agree as follows:

1. Company shall provide transportation service in accordance with the terms, conditions and provisions in the Company's Utah Tariff filed with the Public Service Commission of Utah ("Commission") and as it may be amended from time to time ("Tariff").
2. Customer's will deliver its natural gas supply to Company at the Interconnect/Delivery Point(s) identified above and Company will redeliver Customer's supplies to Customer's service address(es) associated with the SAID(s) listed above. In accordance with the Tariff, Company reserves the right to require Customer to deliver its natural gas supplies to alternate Interconnect/Delivery Points identified by the Company when, in the Company's sole discretion, operational or other needs support such a change.
3. The maximum daily contract limit is 28,000 Dth (the "Maximum Daily Contract Limit"). Of that amount, the first 15,000 Dth/day shall be transported pursuant to Tariff terms and conditions applicable to firm transportation service. The remainder shall be transported pursuant to Tariff terms and conditions applicable to interruptible transportation service. Company shall only be obligated to transport the lesser of (a) the firm portion of the Maximum Daily Contract Limit, (b) the Customer's natural gas supply nomination, or (c) the amount delivered to Company on Customer's behalf by the upstream pipeline. If the TS rate schedule is modified or eliminated, this agreement will terminate. Customer and Company may then enter into a new agreement under the terms of the new applicable rate schedule.
4. Customer shall provide, or shall make arrangements for its upstream pipeline system to provide, measurement information and other information requested by Company concerning the volumes that have been delivered to Company on Customer's behalf. Customer shall provide, or cause its upstream pipeline system to provide measurement information on a daily basis, or as otherwise agreed to by the Parties in writing.

5. Service shall continue from the above service initiation date until **June 30, 2016**. Thereafter, either Party may terminate this agreement by providing ninety (90) days advance written notice of termination. Any imbalances at termination will be treated as month-end imbalances and must be eliminated in accordance with the provisions of the Tariff.

6. This Agreement shall be governed by and construed in accordance with Utah law, the Tariff and any applicable rules and regulations of the Commission and, to the extent that the Tariff or any applicable rules or regulations of the Commission conflict with or are inconsistent with this Agreement, now or in the future, the Tariff, Commission rules and regulations shall control. If any term of this Agreement is held to be illegal or in conflict with Utah law, the Tariff, or any applicable Commission rule or regulation, the validity of the remaining portion of the Agreement shall not be affected, and the rights and obligations of the Parties shall be construed as if the Agreement did not contain the particular term held to be invalid. Any legal action concerning this Agreement shall be filed in Salt Lake County, Utah and the Parties consent to personal jurisdiction and venue in Salt Lake County.

7. In the event it becomes necessary for either party to enforce its rights under this Agreement, with or without litigation, the prevailing party shall be entitled to recover all reasonable expenses, including attorney fees and costs, arising out of the enforcement of its rights.

8. Customer may not assign this Agreement without the written consent of Company.

9. All communications, consents and other notices shall be in writing and shall be hand delivered, sent by facsimile, or mailed, postage prepaid, as follows:

(a) If to Customer:

**US Magnesium LLC
ATT: Roger Swenson
238 North 2200 West
Salt Lake City, Utah 84116**

(b) If to Company:

Questar Gas Company
Attention: Director, Account and Community Relations
P.O. Box 45360
Salt Lake City, Utah 84145-0360

Or such other address as the Parties may designate from time to time, in writing. Any notice or mailing so given shall be effective when received, but in any event no later than three (3) days following the date of mailing.

10. This Agreement contains the entire agreement between the Parties concerning the provision of natural gas service to the SAID(s) identified above and it supersedes any prior agreement, verbal or written, regarding the same.

11. Each person signing this Agreement warrants that the person has full legal capacity, power, and authority to execute this Agreement for and on behalf of the respective party and to bind such party.

US MAGNESIUM LLC

Michael D Edmonds
Signature

P.S.

Michael D Edmonds
Name

CFD
Title

8/15/13
Date:

QUESTAR GAS COMPANY

Susan S Davis
Signature

Susan S. Davis
Director, Account and Community Relations

Date: August 21, 2013

Account Representative: Bruce Rickenbach

117526

BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

In the Matter of the Request for Agency Action
And Complaint of US Magnesium, LLC
against Dominion Energy Utah

Docket No. 17-057-13

US Magnesium Exhibit 3

Bruce Rickenbach (Questar)

From: Bruce Rickenbach (Questar)
Sent: Tuesday, November 29, 2016 2:38 PM
To: 'roger.swenson@prodigy.net'
Subject: Questar Gas - Emergency/Interruption Contact Information
Attachments: Customer Contact Information.pdf

Hi Roger,

I hope you have been doing well.

The following is a quick review of information shared at our customer meeting.

Questar Gas (QGC) is preparing for the upcoming winter heating season. We need to assure your company contact information is correct. Please review the attached **Customer Information** sheet, and update all information for accuracy. Remember to sign at the bottom of the document and email the form to me as soon as possible whether you have made changes or not. We utilize a "Rapid Notify" system to alert our industrial and commercial customers of any interruptions or other important messages. This tool is an electronic calling, texting, and email system that sends simultaneous messages to ensure timely communications, so it is important to keep your contact information updated and to notify us of any changes

Transportation Services Customers (TS)

TS Customers are responsible for working with their marketer to understand the service being provided for their gas supply i.e. firm vs interruptible. Remember, if your gas is not delivered to the city gate (pipeline system to QGC distribution system), QGC is not responsible to supply gas to you, even if you have firm capacity on QGC. Also, gas delivered to you may be limited to your contracted firm amount or the daily nomination your marketer enters for you, whichever is less, so make certain you understand how your marketer enters gas nominations.

Interruption

The interruption season runs from November through March, interruptions due to unforeseen circumstances may occur at any time of the year. All interruptible gas volumes, both sales IS and transportation TS, are subject to interruption. Interruptions may be geographic, full or partial. Upon notice of an interruption from QGC, interruptible customers are required to switch to an alternative fuel source no later than two hours from notification. If you don't have an alternative fuel source, you must remain within your contractual firm usage limits within two hours after notification. During an interruption, your firm contract limit will be equal to your daily firm contract limit (DCL) divided by 24 for each hour of the interruption. If you fail to stop using your interruptible gas volumes, you will be charged a penalty for each DTH not interrupted. Also, those interruptible volumes will be moved to a firm rate schedule for three years. Detailed information on the interruption process can be found under sections 3.01, 3.02 and 4.01 of our natural gas tariff: <https://www.questargas.com/Tariffs/uttariff.pdf> or please contact me for further information concerning the interruption process.

Meter Communication (POTS lines)

QGC has repeatedly noted problems it has been experiencing communicating with POTS lines (plain old telephone service) to measure your gas consumption. This year, we are replacing all remaining POTS lines with cellular phone lines at our expense. This means you will no longer have to provide and pay for a POTS line. However, you will need to provide A/C power to the meter so that the cellular equipment will work. We really appreciate your help as we install this cellular equipment.

Dominion Resources and Questar Corporation Merger completed

On September 16, 2016, the merger of Dominion Resources, headquartered in Richmond, VA and Questar Corporation was finalized, forming one of the largest combined electric and natural gas energy companies. Questar Corporation, now Dominion Questar, will operate as a first-tier wholly owned subsidiary of Dominion with its principal operating companies Questar Gas, Questar Pipeline and Wexpro retaining their names at closing. A stipulation by both the Utah and Wyoming utility commissions mandates that no general rate case will be filed by Questar Gas Company until 2020.

Customer Meeting Presentations

Further additional information regarding rates, curtailment procedures, and other subjects from our September 8th customer meeting are also posted on our website at: <http://www.questargas.com/ServicesBus/BusinessServices.php>. If you have any questions please contact me. I will be happy to discuss in more detail either over the phone or in person.

Thanks,

-BR

Bruce Rickenbach
Questar Gas Company
Industrial and Municipal Accounts
Office: (801) 324-2942
Mobile: (801) 557-2375

BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

In the Matter of the Request for Agency Action
And Complaint of US Magnesium, LLC
against Dominion Energy Utah

Docket No. 17-057-13

US Magnesium Exhibit 4

Bruce Rickenbach (Questar)

From: ROGER SWENSON <roger.swenson@prodigy.net>
Sent: Monday, December 12, 2016 12:58 PM
To: Bruce Rickenbach (Questar)
Subject: Customer Info Sheet you sent on 11/29
Attachments: USMag_CustInfo_2016.pdf

Hi Bruce,

Here is the Cust info sheet back that you sent at the end of Nov.

I mentioned that the nat gas usage will be dropping a bit after January. They are telling me that production will be down about 35%. It will be a gradual drop starting in Jan and they should be down to the reduced level by Feb.

Roger

Customer Information

Wed October 19, 2016

Company: **US MAGNESIUM**
 SAID: 7677760339 Magnesium Corporation of America
 Address: **Rowley**
 City, State, Zip: **Rowley, UT 84029**
 SIC Code: **3339 PRIMARY NONFERROUS METALS, NEC**
 Account Rep: **Bruce Rickenbach**

Contact Name	e-Mail	Day Phone	Night Phone	FAX	Mobile Phone
Roger Swenson	roger.swenson@prodigy.net	801 532-1522 529		801 534-1407	801 541-2272
Thomas Tripp		801 532-1522 259		801 532-1522	
Mike Tucker	mtucker@usmagnesium.com	801 532-2043 1337			801 597-6834

Interruption Contacts	Title	Day Phone	Night Phone	FAX	Mobile Phone
1ST: Mike Tucker	Utility Supervisor	801 532-2043 1337			801 597-6834
2ND: Roger Swenson	Energy Consultant	801 532-1522 529		801 534-1407	801 541-2272

SAID#	Account Name	Type	Meter #	DGL	FIRM	RDU	Tax Xmpt	Agent Company
7677760339	Magnesium Corporation of America	UTTS	31000005 31000013	21,000	15,000	20,035	Y	CIMA

Code	Equip Description	Count	Input Rating	Total Input	Fuel Type	Alt Fuel	Comments
------	-------------------	-------	--------------	-------------	-----------	----------	----------

Do you anticipate any significant changes in your natural gas requirements this winter? Yes No
 If Yes, explain: less usage beginning in January 35% drop in average demand

I certify that the information listed above regarding our interruptible natural gas service on Questar Gas is correct. I understand that interruptible service is subject to periods of interruption. Our staff and alternate fuel system(s) will be prepared to interrupt natural gas service as soon as operationally possible within two hours of receiving notification from Questar Gas.

Signed: Roger Swenson Date: 12/12/2016

Bruce Rickenbach (Questar)

From: Bruce Rickenbach (Questar)
Sent: Tuesday, December 13, 2016 3:06 PM
To: ROGER SWENSON
Subject: Re: Customer Info Sheet you sent on 11/29

Hi Roger,
Thanks for getting this information to me. I will forward to the appropriate groups.
Hope you have a Merry Christmas and Happy Holidays.
Bruce

Sent from my iPad

On Dec 12, 2016, at 12:58 PM, ROGER SWENSON <roger.swenson@prodigy.net> wrote:

Hi Bruce,

Here is the Cust info sheet back that you sent at the end of Nov.

I mentioned that the nat gas usage will be dropping a bit after January. They are telling me that production will be down about 35%. It will be a gradual drop starting in Jan and they should be down to the reduced level by Feb.

Roger

<USMag_CustInfo_2016.pdf>

BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

In the Matter of the Request for Agency Action
And Complaint of US Magnesium, LLC
against Dominion Energy Utah

Docket No. 17-057-13

US Magnesium Exhibit 5

Field Data Request No. 1.15
Requested by US Magnesium, LLC
Date of QGC Response _____

FDR 1.15: Please provide an estimate (assuming current rates) of the total amount of the additional cost to USM over three years if USM's Daily Firm volume is increased to the amount used by USM during the January interruption.

Answer: The additional cost to USM for using 4,117 Dth above what was allowed, using current rates, is \$112,846.97 each year for three years for a total of \$338,540.91. Attached is a supporting schedule showing the calculation of the additional firm volumes of 4,117 Dth per day. That amount is multiplied by the current TS annual firm charge of \$27.41 per Dth to arrive at the \$112,846.97.

Prepared by: Bill Hunt, Regulatory Specialist, Questar Gas Company

Account Name: Magnesium Corporation of America
 Contract No: 7670339
 Location No: 90320

Questar Gas Company

Questar Gas TS Service Agreement:

	1/6/2017			Dth		1/7/2017			Dth
	Daily	Hourly				Daily	Hourly		
Firm Contract Limit	15,000	625.0				15,000	625.0		
Delivered to the city gate by marketer	15,085	628.5				18,440	768.3		

Gas available to you was based on the minimum of your firm contract limit or the quantity of gas your marketer delivered to the city gate for you.
Was total gas used less than firm amount or quantity delivered? yes

		1/6/2017		Total
Begin	End	Prior Usage	Curtailment Usage	
8 a.m.	9 a.m.	891		
9 a.m.	10 a.m.	873		
10 a.m.	11 a.m.	886		
11 a.m.	12 a.m.	867		
12 a.m.	1 p.m.	861		
1 p.m.	2 p.m.	867		
2 p.m.	3 p.m.		861	
3 p.m.	4 p.m.		869	
4 p.m.	5 p.m.		868	
5 p.m.	6 p.m.		871	
6 p.m.	7 p.m.		873	
7 p.m.	8 p.m.		872	
8 p.m.	9 p.m.		882	
9 p.m.	10 p.m.		893	
10 p.m.	11 p.m.		843	
11 p.m.	12 p.m.		792	
12 p.m.	1 a.m.		789	
1 a.m.	2 a.m.		774	
2 a.m.	3 a.m.		816	
3 a.m.	4 a.m.		866	
4 a.m.	5 a.m.		864	
5 a.m.	6 a.m.		871	
6 a.m.	7 a.m.		890	
7 a.m.	8 a.m.		873	
Total		5,245	15,367	20,612

		1/7/2017		Total
Begin	End	Curtailment Usage	After Usage	
8 a.m.	9 a.m.	889		
9 a.m.	10 a.m.	881		
10 a.m.	11 a.m.	858		
11 a.m.	12 a.m.	888		
12 a.m.	1 p.m.	854		
1 p.m.	2 p.m.		861	
2 p.m.	3 p.m.		867	
3 p.m.	4 p.m.		859	
4 p.m.	5 p.m.		866	
5 p.m.	6 p.m.		859	
6 p.m.	7 p.m.		870	
7 p.m.	8 p.m.		856	
8 p.m.	9 p.m.		865	
9 p.m.	10 p.m.		864	
10 p.m.	11 p.m.		857	
11 p.m.	12 p.m.		856	
12 p.m.	1 a.m.		851	
1 a.m.	2 a.m.		858	
2 a.m.	3 a.m.		879	
3 a.m.	4 a.m.		859	
4 a.m.	5 a.m.		839	
5 a.m.	6 a.m.		845	
6 a.m.	7 a.m.		845	
7 a.m.	8 a.m.		854	
Total		4,370	16,310	20,680

Minimum Hourly Rate Firm/Delivered 625.00
 Total Curtailment Hours 18

Minimum Hourly Rate Firm/Delivered 625.00
 Total Curtailment Hours 5

Gas Allowed to burn during curtailment
 (min hourly rate * curtailment hours) 11,250.0

Gas Allowed to burn during curtailment
 (min hourly rate * curtailment hours) 3,125.0

Penalty Dths 4,117.00
 (Curtailment Usage - Gas Allowed to burn during curtailment)

Penalty Dths 1,245.0
 (Curtailment Usage - Gas Allowed to burn during curtailment)

DNG Penalty 40
 Supplier Non Gas 0.17922
 Commodity Cost 4.92
 Penalty Rate: 45.09922

DNG Penalty 40
 Supplier Non Gas 0.17922
 Commodity Cost 4.92
 Penalty Rate: 45.09922

Penalty Charge \$ 185,673.49

Penalty Charge \$ 56,148.53

Total Penalty
\$ 241,822.02

Penalty Charge may be different than billed amounts due to rounding or applicable taxes not shown here.

The additional Firm Requirement is the larger of the January 6 or January 7 Penalty Dths amounts shown above.

Additional Firm Requirement starting July 1, 2017 4,117 Dth per day

Current Annual Firm Rate of \$27.41 Charge \$ 112,846.97

BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

In the Matter of the Request for Agency Action
And Complaint of US Magnesium, LLC
against Dominion Energy Utah

Docket No. 17-057-13

US Magnesium Exhibit 6

Attachment 1.4

no-reply@ecnalert.com

To

roger.swenson@prodigy.net

Jan 6 at 11:11 AM

The Questar Gas service territory is experiencing extreme cold temperatures and supply constraints. Firm load demand on the Questar Gas distribution system requires that Questar Gas implement a service interruption for customers with interruptible load.

Supply availability from upstream pipelines to the Questar Gas system is also currently limited. Questar Gas is unable to provide additional supplies to make up for any shortfalls in the amount of gas being provided on your behalf to the Questar Gas system. As a result, even if you have enough firm capacity on the Questar Gas system to cover your usage, you are also required to limit your usage to not exceed the scheduled quantity being provided to the Questar Gas system for your use.

Your allowable usage for each hour will be equal to the lesser of your firm contract amount divided by 24, or your scheduled quantity divided by 24, for each hour of the interruption. This will be calculated for each hour based on the scheduled quantity available for the applicable hours of the interruption.

If necessary please restrict your usage as soon as possible, but in no case more than two hours from this notice.

You will be notified by Questar Gas when the interruption is lifted.

Please call your nominating party (Marketing Agent) if you have any questions regarding your scheduled quantity or your Questar Gas representative with any questions regarding your firm contract limit.

Account.Management@Questar.com <no-reply@ecnalert.com>

To

roger.swenson@prodigy.net

Jan 7 at 6:46 AM

Effective January 7, 2017 at 1:00 pm Mountain Time, Questar Gas is lifting the service interruption for customers. Again this is effective January 7, 2017 at 1 pm mountain time. Please ensure your nominations meet your demand. Please contact your marketer or Questar Gas Representative for questions.

BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

In the Matter of the Request for Agency Action
And Complaint of US Magnesium, LLC
against Dominion Energy Utah

Docket No. 17-057-13

US Magnesium Exhibit 7

Exhibit 4

- MIR3 INC0095206 Opened :: Using Smart Notice in conjunction w... (2)

● **OnSolve Support** <support@mir3.com>

Jun 13 at 11:14 AM

To roger.swenson@prodigy.net

Thank you for contacting OnSolve Support in regards to your request. We have logged a new support incident on your behalf, INC0095206. To provide additional information to INC0095206 please reply to this email. For a new request please email mir3support@onsolve.com. One of our team members will contact you as soon as possible.

Short description: Using Smart Notice in conjunction with LAN systems with extensions.

Description: Hello Roger,

Thank you for contacting OnSolve Support. As a quick recap, Extension dialing is done with macros taht are a bit intensive to set up but once done work pretty well. Like you suggested, I have also passed your contact information to the Sales department in case you want to explore more robust capabilities.

Regards,

Jake Shakhman OnSolve Support

Comments:

BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

In the Matter of the Request for Agency Action
And Complaint of US Magnesium, LLC
against Dominion Energy Utah

Docket No. 17-057-13

US Magnesium Exhibit 8

US Magnesium Exhibit 5

Customer Information

Company: **US MAGNESIUM**

Thu October 26, 2017

SAID: **7677760339** Magnesium Corporation of AmericaAddress: **Rowley**City, State, Zip: **Rowley, UT 84029**SIC Code: **3339 PRIMARY NONFERROUS METALS, NEC**Account Rep: **Brad Simons**

<u>Primary Business Contact</u>	<u>e-Mail</u>	<u>Day Phone</u>	<u>Night Phone</u>	<u>Mobile Phone</u>
Roger Swenson (Primary)	roger.swenson@prodigy.net	801 532-1522 529		801 541-2272
Thomas Tripp (Secondary)		801 532-1522 259		
Mike Tucker (Primary)	mtucker@usmagnesium.com	801 532-2043 1337		801 597-6834
Utility Control Room	xxxx	801 532-1105		

<u>Notification Contacts</u>	<u>e-Mail</u>	<u>Day Phone</u>	<u>Night Phone</u>	<u>Mobile Phone</u>
1ST: Utility Control Room	xxxx	801 532-1105		
1ST: Mike Tucker	mtucker@usmagnesium.com	801 532-2043 1337		801 597-6834
2ND: Roger Swenson	roger.swenson@prodigy.net	801 532-1522 529		801 541-2272

<u>Account Name</u>	<u>Rate Type</u>	<u>Daily Contract Limits</u>			<u>Agent Company</u>
		<u>DCL</u>	<u>FIRM</u>	<u>Interruptible</u>	
Magnesium Corporation of America	UTTS	21,000	15,000	6000	CIMA

Dominion Energy uses a mass notification software system to alert customers of important messages. The notification system will not dial to an automated answering system, such as a system requiring menu inputs or an extension. Please provide direct phone numbers only. Customer shall be responsible for the payment of any fees or penalties due to incorrect or incomplete contact information.

THE SIGNATORY BELOW ACKNOWLEDGES THAT HE/SHE HAS AUTHORITY TO SIGN ON BEHALF OF THE CUSTOMER IDENTIFIED HEREIN. BY SIGNING THIS DOCUMENT, CUSTOMER REPRESENTS AND WARRANTS THAT THE CUSTOMER CAN AND WILL DISCONTINUE NATURAL GAS USAGE WHEN CALLED UPON TO DO SO BY DOMINION ENERGY. CUSTOMER UNDERSTANDS AND ACKNOWLEDGES THE FINANCIAL AND OTHER CONSEQUENCES ASSOCIATED WITH A FAILURE TO DISCONTINUE NATURAL GAS USAGE WHEN CALLED UPON TO DO SO.

CUSTOMER FURTHER UNDERSTANDS THAT IF THE CUSTOMER'S GAS IS NOT RECEIVED IN THE COMPANY'S SYSTEM, THE COMPANY IS NOT OBLIGATED TO SUPPLY THE GAS TO CUSTOMER. CUSTOMER FURTHER ACKNOWLEDGES THAT THE COMPANY IS ONLY OBLIGATED TO DELIVER ITS CONFIRMED NOMINATIONS. ANY GAS BURNED ABOVE THE CONFIRMED NOMINATION ON ANY GIVEN DAY IS DELIVERED ON AN OPERATIONALLY AVAILABLE BASIS, AND IS SUBJECT TO PENALTIES.

Signed: _____ Date: _____

BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

In the Matter of the Request for Agency Action
And Complaint of US Magnesium, LLC
against Dominion Energy Utah

Docket No. 17-057-13

US Magnesium Exhibit 9



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Hackers attack power plant’s safety systems

Dec 18, 2017 Jonny Bairstow Infrastructure & Generation , Smart Data , Top Stories 0



Image: Shutterstock

Hackers have **attacked the safety systems** of at least one power plant, halting operations.

That’s according to technology firm Schneider Electric and security company FireEye, which has as yet declined to disclose the nature or location of the facility.

The critical Triconex safety systems, which were developed by Schneider, help industrial control units used in nuclear, oil and gas plants operate properly.

The attack, which several experts have suggested could be state-sponsored, is thought to be the **first reported breach of a safety system** at an industrial plant by hackers.

A number of controllers entered a failsafe mode as the **hackers’ malware** attempted to reprogram them, causing related processes to shut down and allowing the plant to notice the attack.

Schneider Electric said: “While evidence suggests this was an isolated incident and not due to a vulnerability in the Triconex system or its program code, we continue to investigate whether there are **additional attack vectors**.”

A **cyber security training programme has been launched** to help the energy sector defend itself against people trying to hack its systems and damage vital infrastructure.

attack, cyber, security, smart, threat, virus

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Schneider and ENGIE aim to ‘digitise’ energy industry February 28, 2017



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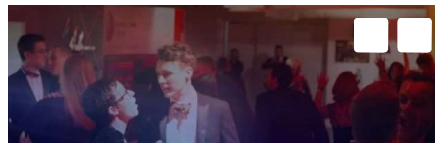
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BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

In the Matter of the Request for Agency Action
And Complaint of US Magnesium, LLC
against Dominion Energy Utah

Docket No. 17-057-13

US Magnesium Exhibit 10

Customer Information

Company: **US MAGNESIUM**

Thu October 26, 2017

SAID: **7677760339** Magnesium Corporation of America

Address: **Rowley**

City, State, Zip: **Rowley, UT 84029**

SIC Code: **3339 PRIMARY NONFERROUS METALS, NEC**

Account Rep: **Brad Simons**

<u>Primary Business Contact</u>	<u>e-Mail</u>	<u>Day Phone</u>	<u>Night Phone</u>	<u>Mobile Phone</u>
Roger Swenson (Primary)	roger.swenson@prodigy.net	801 532-1522 801 532-1105	801 532-1522 801 532-1105	801 541-2272
Thomas Tripp (Secondary)		801 532-1522	xxx ext 1259	
Mike Tucker (Primary)	mtucker@usmagnesium.com	801 532-2043	1337	801 597-6834
Utility Control Room	xxxx	801 532-1105		

<u>Notification Contacts</u>	<u>e-Mail</u>	<u>Day Phone</u>	<u>Night Phone</u>	<u>Mobile Phone</u>
1ST: Utility Control Room	xxxx	801 532-1105	same	none
1ST: Mike Tucker	mtucker@usmagnesium.com	801 532-2043 801 532-1105	801 597-6834	801 597-6834
2ND: Roger Swenson	roger.swenson@prodigy.net	801 532-1522 801 532-1105	801 541-2272	801 541-2272

<u>Account Name</u>	<u>Rate Type</u>	<u>Daily Contract Limits</u>			<u>Agent Company</u>
		<u>DCL</u>	<u>FIRM</u>	<u>Interruptible</u>	
Magnesium Corporation of America	UTTS	21,000	15,000	6000	CIMA

What is the definition of "Day" and "Night"?
 Mobile phones are not allowed at plant and only direct line is listed as 801 532-1105 and should be used as Day and Night 1st contact!

Dominion Energy uses a mass notification software system to alert customers of important messages. The notification system will not dial to an automated answering system, such as a system requiring menu inputs or an extension. Please provide direct phone numbers only. Customer shall be responsible for the payment of any fees or penalties due to incorrect or incomplete contact information.

THE SIGNATORY BELOW ACKNOWLEDGES THAT HE/SHE HAS AUTHORITY TO SIGN ON BEHALF OF THE CUSTOMER IDENTIFIED HEREIN. BY SIGNING THIS DOCUMENT, CUSTOMER REPRESENTS AND WARRANTS THAT THE CUSTOMER CAN AND WILL DISCONTINUE NATURAL GAS USAGE WHEN CALLED UPON TO DO SO BY DOMINION ENERGY. CUSTOMER UNDERSTANDS AND ACKNOWLEDGES THE FINANCIAL AND OTHER CONSEQUENCES ASSOCIATED WITH A FAILURE TO DISCONTINUE NATURAL GAS USAGE WHEN CALLED UPON TO DO SO.
 Properly

CUSTOMER FURTHER UNDERSTANDS THAT IF THE CUSTOMER'S GAS IS NOT RECEIVED IN THE COMPANY'S SYSTEM, THE COMPANY IS NOT OBLIGATED TO SUPPLY THE GAS TO CUSTOMER. CUSTOMER FURTHER ACKNOWLEDGES THAT THE COMPANY IS ONLY OBLIGATED TO DELIVER ITS CONFIRMED NOMINATIONS. ANY GAS BURNED ABOVE THE CONFIRMED NOMINATION ON ANY GIVEN DAY IS DELIVERED ON AN OPERATIONALLY AVAILABLE BASIS, AND IS SUBJECT TO PENALTIES.

Signed: _____ Date: _____

BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

In the Matter of the Request for Agency Action
And Complaint of US Magnesium, LLC
against Dominion Energy Utah

Docket No. 17-057-13

US Magnesium Exhibit 11

From: no-reply@ecnalert.com [<mailto:no-reply@ecnalert.com>]

Sent: Friday, January 06, 2017 11:13 AM

To: Mike Tucker

Subject: Message from Dominion Questar Corporation, UT

The Questar Gas service territory is experiencing extreme cold temperatures and supply constraints. Firm load demand on the Questar Gas distribution system requires that Questar Gas implement a service interruption for customers with interruptible load.

Supply availability from upstream pipelines to the Questar Gas system is also currently limited. Questar Gas is unable to provide additional supplies to make up for any shortfalls in the amount of gas being provided on your behalf to the Questar Gas system. As a result, even if you have enough firm capacity on the Questar Gas system to cover your usage, you are also required to limit your usage to not exceed the scheduled quantity being provided to the Questar Gas system for your use.

Your allowable usage for each hour will be equal to the lesser of your firm contract amount divided by 24, or your scheduled quantity divided by 24, for each hour of the interruption. This will be calculated for each hour based on the scheduled quantity available for the applicable hours of the interruption.

If necessary please restrict your usage as soon as possible, but in no case more than two hours from this notice.

You will be notified by Questar Gas when the interruption is lifted.

Please call your nominating party (Marketing Agent) if you have any questions regarding your scheduled quantity or your Questar Gas representative with any questions regarding your firm contract limit.

From: Account.Management@Questar.com [<mailto:no-reply@ecnalert.com>]

Sent: Saturday, January 07, 2017 6:47 AM

To: Mike Tucker

Subject: Questar Gas

Effective January 7, 2017 at 1:00 pm Mountain Time, Questar Gas is lifting the service interruption for customers. Again this is effective January 7, 2017 at 1 pm mountain time. Please ensure your nominations meet your demand. Please contact your marketer or Questar Gas Representative for questions.