

BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

IN THE MATTER OF THE APPLICATION)
OF DOMINION ENERGY UTAH TO)
INCREASE DISTRIBUTION RATES AND) Docket No. 22-057-03
CHARGES AND MAKE TARIFF)
MODIFICATIONS)
_____)

PHASE II SURREBUTTAL TESTIMONY OF BRADLEY G. MULLINS

ON BEHALF OF

NUCOR STEEL-UTAH, A DIVISION OF NUCOR CORPORATION

November 3, 2022

Nucor Exhibit 3.0

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Nucor Exhibit 3.1:	Nucor Proposed Rate Spreads Using Nucor and Dominion Cost of Service Studies
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1 **I. INTRODUCTION AND SUMMARY**

2 **Q. ARE YOU THE SAME WITNESS THAT FILED PHASE II DIRECT TESTIMONY**
3 **AND PHASE II REBUTTAL TESTIMONY IN THIS DOCKET?**

4 A. Yes. I previously filed Phase II Direct Testimony and Phase II Rebuttal Testimony on
5 behalf Nucor Steel-Utah, a Division of Nucor Corporation (“Nucor”), discussing cost of
6 service and rate design issues.

7 **Q. WHAT IS THE PURPOSE OF YOUR REBUTTAL TESTIMONY?**

8 A. I respond to the Phase II Rebuttal Testimony of witnesses: Austin Summers on behalf of
9 Dominion Energy Utah (“Dominion”); Kevin Higgins on behalf of the Utah Associated
10 Energy Users (“UAE”); Brian Collins on behalf of the Federal Executive Agencies
11 (“FEA”); James Daniel on behalf of the Office of Consumer Services (“OCS”); Abdinasir
12 Abdulle on behalf of the Utah Division of Public Utilities (“DPU”); and Timothy Oliver
13 on behalf of the American Natural Gas Council, Inc. (“ANGC”).

14 **Q. PLEASE PROVIDE A SUMMARY OF YOUR SURREBUTTAL, INCLUDING**
15 **YOUR PRINCIPAL CONCLUSIONS AND RECOMMENDATIONS.**

16 A. *Rate Spread:* Parties’ Rebuttal Testimony shows divergent party perspectives on the cost
17 of service study, as well as the corresponding revenue spread. I recommend the
18 Commission continue its practice of considering a range of guiding principles when
19 evaluating the reasonableness of revenue spread and not solely the cost of service study.
20 Considering the impact on differently situated customers, it is reasonable to narrow the
21 range of rate impacts in this docket. While there are multiple ways to do this, my
22 recommendation is as follows:

- 23 1) *Given the unique circumstances in this docket, I recommend a*
24 *revenue spread that gives General Service (“GS”) customers an*
25 *average rate increase and applies a cap to remaining schedules*
26 *equal to 1.5 times the average rate increase.*

27 *TS Definition and Rate Design:* There are several reasons why the current structure
28 of the Transportation Service (“TS”) rate class has been, and continues to be, reasonable.
29 For example, absent a similar split for high load factor customers in the GS class, price
30 signals may get distorted.

31 2) *Accordingly, I continue to recommend the Commission decline to*
32 *split the TS class; and*

33 3) *I also continue to recommend the Commission adopt a balanced TS*
34 *rate design based on equal percentage increases to volumetric rates*
35 *and the demand charge.*

36 *Cost of Service Study Assumptions:* I continue to support the use of the assumptions
37 discussed in my Phase II Direct Testimony and Phase II Rebuttal Testimony. Specifically,
38 I continue to support the following recommendations:

39 4) *I continue to recommend that core distribution costs be allocated*
40 *based on design-day demand, and that the peak and average method*
41 *be rejected.*

42 5) *I continue to recommend that both distribution and general plant*
43 *depreciation expenses be allocated by FERC account in a manner*
44 *that is consistent with the underlying plant.*

45 **II. RATE SPREAD**

46 **Q. DID DOMINION MODIFY ITS PROPOSED REVENUE SPREAD IN REBUTTAL**
47 **TESTIMONY?**

48 A. Dominion witness Summers continued to recommend that the revenue spread be based on
49 its cost of service study results, although witness Summers expressed an openness to
50 “gradualism” and would support an adjustment that would phase-in the rate increase to
51 highly impacted customer classes over time.¹

¹ DEU Exh. 4.0R at 21:387-23:442.

52 **Q. IS A GRADUALISM ADJUSTMENT NECESSARY?**

53 A. Many parties discuss gradualism as a factor the Commission might consider when
54 evaluating the reasonableness of the revenue spread in this docket.² Notwithstanding, the
55 need for a gradualism adjustment in revenue spread depends on one's perspective regarding
56 the economic assumptions used in the class cost of service study. Based on my study
57 assumptions, updated for Dominion's rebuttal, the TS rate class would require a 10.1% rate
58 reduction to reach parity.³ A similar result using my cost of service study assumptions is
59 reached even if the TS class were to be split. The need for a gradualism adjustment, using
60 Dominion's study assumptions and viewing the TS class as a whole (i.e., without the TS
61 split), also suggests only a small need for a gradualism adjustment. Dominion's study
62 without the TS split would require a 20.3% rate increase for TS customers, relative to the
63 15.5% overall system rate increase.⁴ It is only after splitting the TS rate schedule that the
64 truly exceptional rate impacts would begin to show up. Thus, to the extent that a
65 gradualism adjustment exists, it is being driven mostly by the proposal to split the TS rate
66 schedule and not necessarily the economic assumptions in the cost of service study. If
67 there is a thing that needs to be graduated, it is the TS class split, not the cost study.

68 **Q. ARE COST OF SERVICE STUDY ASSUMPTIONS THE ONLY THING THE**
69 **COMMISSION CONSIDERS WHEN DEVELOPING A REVENUE SPREAD?**

70 A. No. The Commission has a history of using a cost of service study as a general guide, but
71 has not necessarily relied exclusively on the cost of service study results when evaluating

² See, e.g., OCS Exh. 4R at 10:227-13:297; DPU Exh. 4.0R at 8:194-9:206; DEU Exh. 4.0R at 21:387-23:442.

³ See Nucor Exh. 3.2, Updated Cost of Service Study.

⁴ See DEU Exh. 4.21R, Tab "COS Sum TS TTL." Calculated by comparing percentage difference between line 57 and line 3. Note that this value conflicts with the percentages in Tab "Rev Neutral," because the Rev Neutral tab included General Related Other Revenue in the denominator when calculating the rate increase percentage.

72 the reasonableness of a revenue spread.⁵ The Commission has avoided solely relying on
73 the cost of service study results in circumstances where “cost-of-service studies on [the]
74 record are not completely reliable” and “cost-of-service studies [show] a wide divergence
75 of earnings results across classes.”⁶ The Commission recently reaffirmed that approach
76 for the cost of service study in Rocky Mountain Power’s 2020 General Rate Case (“GRC”),
77 where it adopted the recommendation of OCS, stating:

78 [O]ur rate spread findings have been, and continue to be influenced by
79 interrelated principles, including: (i) the desirability of a gradual pace of
80 change toward improved alignment of costs of service and rates, and (ii) the
81 equitable treatment of all customer classes when overall revenue
82 requirement increases such that, in general, a given class does not suffer an
83 unduly large, disproportionate increase.⁷

84 **Q. GIVEN PARTIES’ RECOMMENDATIONS ON GRADUALISM, WHAT DO YOU**
85 **RECOMMEND?**

86 A. When considering revenue spread, it is important to recognize that, in the context of the
87 cost of service study, the GS class contributes the largest amount of revenue of any rate
88 class by far. Approximately 88.5% of test period margin revenues were from the GS class.⁸
89 Because of this, minor changes to costs allocated to the GS rate class produce impacts on
90 other schedules that are disproportionately large. Mathematically, a 1.0% margin reduction
91 to GS rates results in an average 7.7% margin increase to the other schedules. One’s view
92 of the GS class has major impacts on the revenue spread for the other, smaller rate classes.

⁵ See In the Matter of the Application of PacifiCorp for Approval of Its Proposed Electric Rate Schedules and Electric Service Regulations, Docket No. 99-035-10, Report and Order at 75 (May 24, 2000).

⁶ *Id.*

⁷ See Application of Rocky Mountain Power for Authority to Increase its Retail Electric Utility Service Rates in Utah and for Approval of its Proposed Electric Service Schedules and Electric Service Regulations, Docket No. 20-035-04, Redacted Order at 71.

⁸ See DEU Exh. 4.21R, Tab titled “COS Sum TS Split” ($\$383,478,856/\$433,402,504 = 88.5\%$).

93 Therefore, considering the reasonableness of the GS class rate design as a first step will
94 better inform one's decision on the other schedules.

95 **Q. WHAT IS THE RANGE OF RECOMMENDATIONS FOR THE GS CLASS?**

96 A. Different parties' cost of service studies support differing GS revenue spreads. The
97 variance between the recommendations, however, is not as significant as it is for the other,
98 smaller rate classes. In my study, for example, the GS rate class would require an above
99 average increase of 17.7%.⁹ In the Dominion study, the GS rate class would require a
100 below average increase of 14.6%.¹⁰

101 **Q. HOW DO YOU RECOMMEND HANDLING THE GS CLASS?**

102 A. Given that the GS class is such a large portion of system costs, my recommendation is to
103 allocate a system average rate increase to the GS rate schedule. Relative to the cost study,
104 this creates a revenue surplus or shortfall, depending on the allocation factor assumptions
105 used. These surplus or shortfall revenues must be allocated to other customers, and in my
106 analysis, I allocate the surplus or shortfall revenues in proportion to revenues.

107 **Q. WHAT DO YOU RECOMMEND FOR OTHER SCHEDULES?**

108 A. Rather than a gradualism adjustment, per se, I recommend the Commission apply a cap to
109 highly impacted rate schedules. This recommendation is similar to the recommendation of
110 FEA witness Collins, with a few exceptions.¹¹ Given the magnitude of the increase sought,
111 I support FEA's recommendation for a cap at 1.5 times the average rate increase. In my

⁹ See Nucor Exh. 3.1, Nucor Proposed Rate Spreads Using Nucor and Dominion Cost of Service Studies.

¹⁰ See DEU Exh. 4.21R, Tab "Rev Neutral".

¹¹ FEA Exh. 2.0 at 30:7-31:2.

112 analysis, however, I used a floor to recover the shortfall revenues, rather than a proportional
113 allocation.

114 **Q. WHAT IS THE SPREAD RESULTING FROM YOUR RECOMMENDATION?**

115 A. The calculation of my recommended rate spread may be found in **Nucor Exhibit 3.1.**
116 **Table 1-SR** below details the results of my recommendation, based on my cost of service
117 study.

Table 1-SR
Nucor Proposed Revenue Spread
Rate Increase %, Using Nucor Cost of Service Study¹²

GS	15.53%
FS	23.30%
IS	13.54%
TS	13.54%
TBF	23.30%
NGV	<u>23.30%</u>
Total	15.53%

118 The Commission may adopt this approach using whatever cost of service and class
119 structure it finds reasonable. For example, in **Table 2-SR**, I have modified this approach
120 to be based on Dominion's cost of service study assumptions.

¹² Nucor Exh. 3.1.

Table 2-SR
Nucor Proposed Revenue Spread
Rate Increase %, Using Dominion Cost of Service Study¹³

GS	15.53%
FS	23.30%
IS	9.09%
TSS	9.09%
TSM	12.33%
TSL	23.30%
TBF	23.30%
NGV	12.62%
Total	15.53%

121 **III. TS CLASS DEFINITION AND RATE DESIGN**

122 **Q. HOW DID DOMINION RESPOND TO YOUR RECOMMENDATION TO**
123 **RETAIN A SINGLE TS RATE CLASS?**

124 A. Dominion states that “splitting these customers into three classes and performing the
125 Company’s CCOS studies shows that there are intra-class subsidies in the existing TS
126 class.”¹⁴ The Phase II Rebuttal Testimony of ANGC and DPU also make similar
127 statements supporting their recommendation to split the TS class.¹⁵

128 **Q. DO YOU AGREE THAT THERE IS AN INTRA-CLASS SUBSIDY?**

129 A. No. The extent of an intra-class subsidy depends on one’s perspective on the cost study.
130 My study, for example, shows that there were no material intra-class subsidies between the
131 three subsets of customers in the TS class, and if a subsidy were to exist, it was to the
132 benefit of medium sized TS customers. Given the reliability of the various cost studies at

¹³ Nucor Exh. 3.2.

¹⁴ DEU Exh. 4.0R at 23:445-452.

¹⁵ ANGC Exh. 2R at 27:578-29:638; DPU Exh. 4.0R at 1:22-4:97.

133 issue, they are not a valid starting point to begin making wholesale changes to the TS class
134 definition, which has been in place over many years.

135 **Q. ARE ALL INTRA-CLASS SUBSIDIES TO BE AVOIDED?**

136 A. Not necessarily. Every rate spread and rate design will produce some level of subsidy,
137 depending on one's perspective. In fact, the cost of service study in this case contains
138 explicit subsidies for the transportation bypass customers, as well as the Lakeside special
139 contract. As another example, the GS class has been known for many years to have an
140 intra-class subsidy benefitting small, low load factor customers at the expense of
141 commercial customers.¹⁶ There are also many cases in which intra-class subsidies are
142 necessary to achieve other rate making objectives, such as sending appropriate price
143 signals, addressing practicality concerns, and promoting conservation. Dominion and the
144 other parties proposing the TS class split have focused solely on their cost studies and have
145 ignored any other relevant factors.

146 **Q. WHY HAVE DOMINION'S RATE SCHEDULES BEEN DESIGNED THE WAY**
147 **THEY HAVE?**

148 A. The current structure of Dominion's rate classes has been in place for an extended time. In
149 Docket No. 02-057-02, Questar's 2002 GRC, parties stipulated to the creation of a task
150 force to consider, among other things "[t]ransportation rate design, including transportation
151 service for smaller customers."¹⁷ This, however, was not the only change under

¹⁶ In the Matter of the Application to Increase Distribution Non-Gas Rates and Charges and Make Tariff Modifications, Docket No. 07-057-13 ("2008 GRC"), QGC Exh. 7.0U at 18:464-21:544.

¹⁷ In the Matter of the Application of Questar Gas Company for a General Increase in Rates and Charges, Docket No. 02-057-02, Report and Order at 43 (Dec. 30, 2002).

152 consideration. Another primary consideration in that docket was the “[p]ossible separation
153 of the current GS-1 residential and commercial customer class into separate classes.”¹⁸

154 **Q. DID THE 2002 TASK FORCE REACH AN AGREEMENT?**

155 A. No. There was no agreement reached in the taskforce created after the 2002 GRC.¹⁹

156 **Q. HOW WAS RATE SPREAD RESOLVED AFTER THE 2002 GRC TASK FORCE?**

157 A. In the next full general rate case, Docket No. 07-057-13, Questar and other Parties proposed
158 several changes to Questar’s rate structure.²⁰ With respect to the TS rate design at issue in
159 this proceeding, the DPU proposed adopting a single volumetric rate for the TS class, rather
160 than the descending block rates that continue to be in effect today.²¹ Arguably, the most
161 significant and controversial change, however, was Questar’s proposal to split the GS class
162 into residential and commercial customer classes. It was noted that the “GS-1 rate design
163 has included an intra-class subsidy from larger customers to smaller customers.”²²
164 Notwithstanding concerns of a potential intra-class subsidy, however, the Commission
165 declined to adopt DPU’s recommendation for a single volumetric rate, citing Dominion’s
166 testimony supporting descending block rates.²³ The Commission also declined to split the
167 GS class into residential and commercial classes in the 2007 GRC, citing fairness
168 concerns.²⁴ There was no need for a gradualism adjustment or a phase-in in that case.

¹⁸ *Id.* at 42.

¹⁹ Docket No. 02-057-02, QGC COS & Rate Design Task Force Report (June 17, 2004).

²⁰ Docket No. 07-057-13, QGC Exh. 7.0U at 7:181-16:378.

²¹ Docket No. 07-057-13, DPU Exh. 7.0, Direct Testimony of Glen Gregory at 24:444-26:481.

²² Docket No. 07-057-13, QGC Exh. 7.0U at 21:540-541.

²³ Docket No. 07-057-13, Report and Order on Cost of Service and Rate Design at 54-57 (Dec. 22, 2008).

²⁴ *Id.* at 6-7.

169 **Q. DOES THE ESTABLISHED TS CLASS COMPOSITION AND RATE**
170 **STRUCTURE CONTINUE TO BE REASONABLE?**

171 A. Yes. It is not unexpected that splitting the TS class, with its descending block rates, will
172 produce dramatic impacts on large volume customers relative to a peak and average cost
173 of service study. The established rate structure continues to be reasonable, however,
174 considering the overall class structure that the Commission has designed. In this respect,
175 I agree with UAE witness Higgins that it is problematic to consider restructuring the TS
176 class in isolation, without considering an overhaul of the established cost allocation
177 approach for all schedules.²⁵

178 For example, absent a corresponding change to split the GS class into residential
179 and commercial classes, splitting the TS rate class will likely produce an artificial price
180 signal for GS customers to migrate to transportation service. Questar found in the 2007
181 GRC that the current structure of the GS rate class provides a subsidy from the large
182 commercial customers to smaller customers in that class.²⁶ Given the GS schedule
183 volumetric rate design, I don't expect that to have changed. If paying more than cost on
184 the GS schedule, commercial customers in the GS class will otherwise be provided with an
185 inappropriate price signal to transition to TSS rates, irrespective of underlying gas costs.

186 **Q. IS DOMINION ALSO PROPOSING DRAMATIC RATE DESIGN CHANGES TO**
187 **THE TS CLASS, IN THE EVENT IT IS NOT SPLIT?**

188 A. Yes. In my Phase II Direct Testimony, I noted concerns with the large impacts from
189 Dominion's proposed rate design assuming no split of the TS class. Dominion continued
190 to propose splitting the TS class, and therefore, did not respond to these rate design

²⁵ UAE Exh. COS 2.0 at 21:395-396.

²⁶ Docket No. 07-057-13, DEU Exh. 7.0 at 21:540-541.

191 concerns. Under Dominion’s TS rate design proposal, the third and fourth volumetric
192 block rates would increase by 80.6% and 217.8%, respectively.²⁷ By way of illustration, a
193 large customer with a 5,000 dth/day of demand and a 100% load factor would see a 94.9%
194 rate increase under this proposed rate design.²⁸ Passing on exceptional increases to a small
195 group of customers is unreasonable in this case, regardless of whether it is done through
196 the class definition or rate design. It is also unjustified based on the cost study I performed,
197 as well as the many other factors the Commission considers when evaluating rate design.
198 Therefore, I continue to recommend that the Commission adopt the rate design identified
199 in my Phase II Direct Testimony. Specifically, I recommended that the deficiency
200 allocated to the TS rate schedule be recovered through equal percentage increases to
201 volumetric rates and the demand charge.

202 **Q. IS IT REASONABLE TO GO FROM ONE TO THREE SCHEDULES IN A SINGLE**
203 **CASE?**

204 A. No. ANGC takes issue with UAE witness Higgins’ recommendation for “consolidation of
205 the TSM and TSL” rate class.²⁹ This may have been an error, as my understanding was
206 that witness Higgins recommendation was to “maintain[] a single class for small and
207 medium TS customers or overhaul[] DEU’s cost allocation approach.”³⁰ In either case, I
208 agree that going from one to three schedules in a single rate case is problematic. If making
209 major changes to the rate structure, moving from one to two TS classes would be a more
210 gradual approach than moving from one to three TS classes, although to be clear I do not

²⁷ See Nucor Exh. 3.1 Tab “Dominion TS RS Illustration.”

²⁸ *Id.*

²⁹ See ANGC Exh. 2R at 30:643-644.

³⁰ See UAE Exh. COS 2.0 at 21:395-396.

211 believe that any split is necessary. I disagree, however, with UAE’s recommendation to
212 consolidate the proposed TSS and TSM rate schedules. The more reasonable step would
213 be to construct the classes more the way ANGC described it, consolidating the proposed
214 TSM and TSL classes. Other than their size, the characteristics of the proposed TSL and
215 TSM customers are not materially different, and having a TSL class with just 29 customers
216 is problematic for other reasons.³¹

217 **IV. COST OF SERVICE STUDY ASSUMPTIONS**

218 **Q. HAVE YOU PREPARED AN UPDATED COST OF SERVICE STUDY?**

219 A. Yes. In **Nucor Exhibit 3.2**, I provide an updated cost of service study based on Dominion’s
220 Rebuttal Testimony with the assumptions discussed below.

221 **a. Core Distribution Mains**

222 **Q. HOW DID DOMINION RESPOND TO YOUR RECOMMENDATION TO USE**
223 **DESIGN DAY DEMAND TO ALLOCATE CORE DISTRIBUTION MAINS?**

224 A. Dominion witness Summers continues to recommend using the peak and average method
225 for allocated core distribution mains, including the associated pressure, measuring and
226 regulating stations.³² Dominion opposed my recommendation, as well as that of FEA
227 witness Collins, to allocate core distribution mains based on design-day demand.³³ In
228 response, Dominion stated that “allocating costs 100% on demand ignores the fact that the
229 high load factor customers are indeed using the system.”³⁴

³¹ Nucor Exh. 1.0 at 9:159-167.

³² DEU Exh. 4.0R at 9:180-188.

³³ *Id.* at 6:136-141.

³⁴ *Id.* at 6:139-140.

230 **Q. DOES A DEMAND ALLOCATOR IGNORE THE FACT THAT HIGH LOAD**
231 **FACTOR CUSTOMERS ARE USING THE SYSTEM?**

232 A. No. It is not disputed that high load factor customers use the distribution system. My
233 testimony, however, was that the cost associated with that use is most accurately measured
234 using the design day demand allocator, not whether high-load factor customers are using
235 the system. For the reasons discussed in my Phase II Direct Testimony, design-day demand
236 fairly represents usage because it represents the maximum amount of firm demand that a
237 customer or group of customers may use before requiring system interruption.³⁵ Since it
238 is the maximum capability, it fairly represents usage in every hour of the year, as well as
239 system capability built for a particular customer class, which is not used in each hour.

240 **Q. DO OTHER PARTIES AGREE WITH USING DESIGN DAY DEMAND TO**
241 **ALLOCATE CORE DISTRIBUTION COSTS?**

242 A. Yes. FEA witness Collins also continues to support allocating core distribution costs based
243 on design day demand, stating the following:

244 The DEU system is designed to meet Design Day Demand, and not average
245 demand. As a result, the P&A method does not appropriately reflect class
246 cost causation on the DEU system.³⁶

247 Similarly, UAE witness Higgins found the approach to be reasonable stating, “Mr. Collins’
248 and Mr. Mullins’ proposals to allocate feeder-line system costs based on Design-Day
249 demand have merit, . . . because these facilities were designed to meet demand on an
250 extremely cold day.”³⁷

³⁵ Nucor Exh. 1.0 at 12:234-13:266.

³⁶ FEA Exh. 4.0 at 3:11-13.

³⁷ UAE Exh. COS 4.0 at 3:45-48.

251 **Q. WILL YOUR RECOMMENDATION DISPROPORTIONATELY HARM**
252 **RESIDENTIAL CUSTOMERS?**

253 A. No. DPU witness Abdulle dismisses the recommendation to use design day because it
254 would “disproportionately harm the low load factor customers.”³⁸ Dominion also stated
255 that this proposal would “place a lot of costs on residential customers and others with a low
256 load factor.”³⁹ I disagree. If a disproportionate impact on residential customers is a reason
257 to adopt the DPU and Dominion cost of service assumptions, the disproportionate impact
258 on large volume customers is also a reason to adopt the cost of service assumptions of
259 Nucor and FEA. As noted previously, small changes to the GS class produce
260 disproportionately large impacts to the other classes, which is why I proposed increasing
261 the GS rates by the system average and adjusting the remaining schedules around the
262 average.

263 **Q. HOW DID ANGC RESPOND TO YOUR RECOMMENDATION?**

264 A. ANGC witness Oliver takes issue with an illustration I provided in my Phase II Direct
265 Testimony, where I stated “[i]f distribution capacity has been built to serve a particular
266 customer, it is not equitable to provide the customer a discount if it uses that capacity less
267 frequently.”⁴⁰ ANGC objected to this, stating, “DEU's distribution capacity is **not**
268 generally built to serve a particular customer.”⁴¹ That distinction, however, is wrong and
269 irrelevant. ANGC is wrong because distribution capacity is in fact built in many cases, but
270 not always, to serve a *particular customer*. As ANGC validly asserts, however, distribution

³⁸ DPU Exh. 4.0R at 8:183-193.

³⁹ *Id.* at 6:141.

⁴⁰ ANGC Exh. 2R at 14:290-292.

⁴¹ *Id.* at 14:292-293.

271 capacity is most often built for *groups of customers*. The referenced citation was just an
272 illustration, and the conclusion does not change if one inserts the words “*particular group*
273 *of customers*” in place of “*particular customer*.” If distribution capacity has been built to
274 serve a particular group of customers, it is not equitable to provide those customers a
275 discount if they use that capacity less frequently.

276 **Q. GIVEN THESE RESPONSES, WHAT DO YOU RECOMMEND?**

277 A. I continue to recommend that the design-day demand be the allocation factor used for core
278 distribution costs.

279 **b. Depreciation Expenses**

280 **Q. WHAT WAS YOUR RECOMMENDATION REGARDING DEPRECIATION**
281 **EXPENSES IN YOUR PHASE II DIRECT TESTIMONY?**

282 A. I recommended that depreciation on distribution plant be allocated in a manner consistent
283 with the underlying plant, rather than the gross plant allocation factor.⁴² In my Phase II
284 Rebuttal Testimony, I clarified that this approach could also be used for general plant, as
285 OCS recommended.⁴³

286 **Q. HOW DID DOMINION RESPOND?**

287 A. Dominion found my recommendation to be justifiable but stated “[t]he gross plant
288 allocation factor has been consistently used as a reasonable allocation factor for distribution
289 depreciation, is a reasonable allocation methodology, and does not need to be changed.”⁴⁴

⁴² See Nucor Exh. 1.0 at 14:274-15:293.

⁴³ Nucor Exh. 2.0 at 5:83-88.

⁴⁴ DEU Exh. 4.0R at 16:283-288.

290 **Q. DO YOU AGREE?**

291 A. No. Regardless of how the underlying plant is allocated, it is necessary for there to be
292 consistency between the allocation of the plant and the allocation of the corresponding
293 depreciation expenses. Otherwise, some customers will be required to provide cost
294 recovery on investments for which they have no cost responsibility under the cost of service
295 study. Different FERC accounts depreciate at different rates, so using the gross plant factor
296 does not necessarily result in an allocation of depreciation expenses that is consistent with
297 how the underlying plant is being allocated. **Nucor Exhibit 3.2** includes an updated tab
298 allocating depreciation expenses for both distribution and general plant by FERC account.

299 **Q. DOES THIS CONCLUDE YOUR PHASE II SURREBUTTAL TESTIMONY?**

300 A. Yes.