

**Q.DPS.GMP.3-5. One of the recommendations in Mr. Jordan's direct testimony, at page 18, was for GMP to "provide a histogram for each of calendar years 2020, 2021, 2022, and 2023 indicating number of individual customers on the vertical axis and bins with total outage duration experienced on the horizontal axis." Regarding GMP's Exhibit GMP-MB-15b:**

- a. Please explain why GMP provided SAIDI per the number of outages experienced, rather than the total outage duration for each individual customer.**
- b. Please explain how to interpret the exhibit as currently provided.**
- c. Please provide a revised exhibit for 2023 indicating the number of individual customers on the vertical axis and bins with total outage duration experienced on the horizontal axis.**

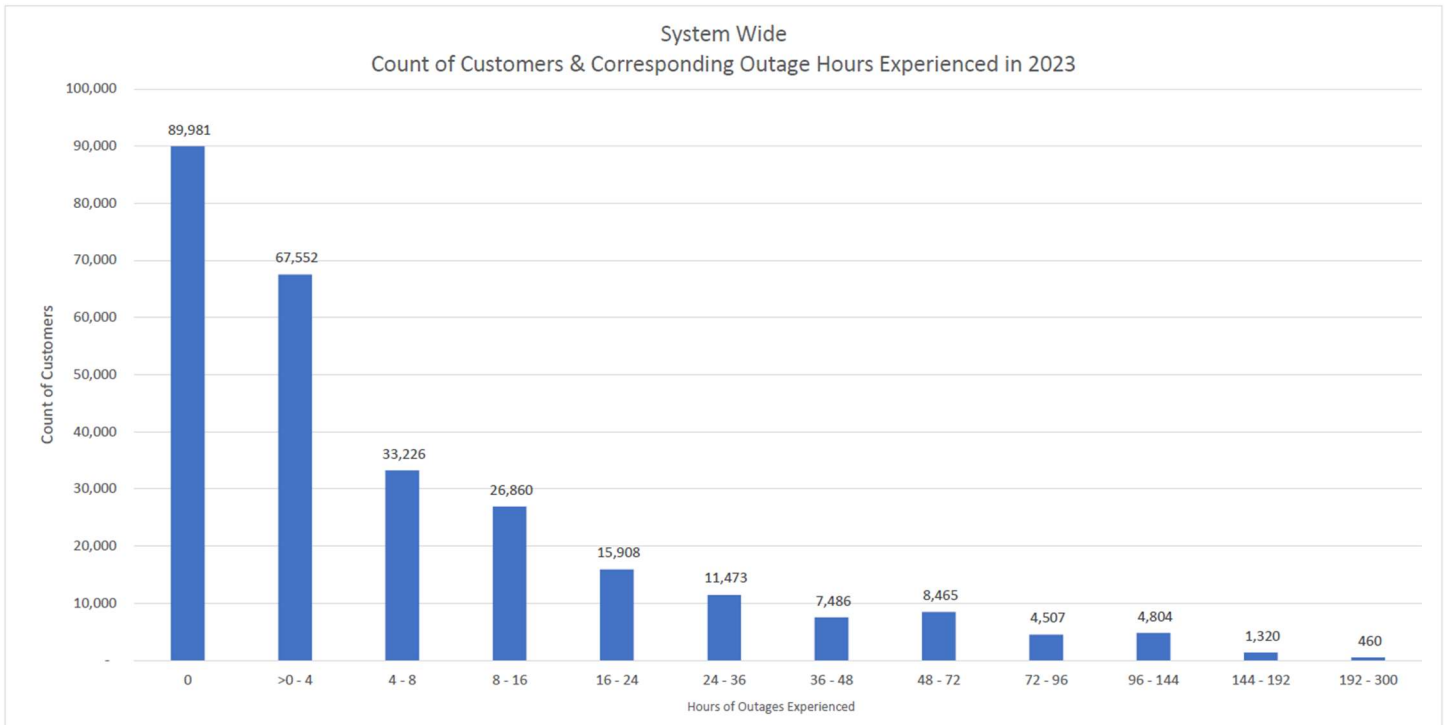
**A.DPS.GMP.3-5.**

- a. GMP interpreted the question to request the data provided in that exhibit, which highlights the number of customers who are experiencing frequent outages, the average duration of those outages grouped by the number of events, and differences across districts.
- b. Exhibit GMP-MB-15b provides the average number of hours out (SAIDI) (vertical axis) that customers experienced in 2023. This information was further grouped by the number of outages that customers experienced in 2023 (horizontal axis). The chart shows that, on average, the more outages a customer experienced, the more hours they were without power in 2023. While that may be expected, there are key differences in the results across our districts. By way of example, the average customer in the Colchester District that experienced four outages in 2023 was without power for 6.58 hours. Customers in the Springfield and Westminster Districts that experienced four outages were without power for 35.17 and 47.72 hours, respectively. The areas to be targeted by this first phase of ZOI not only experience more outages, but customers also experience significantly longer duration outages due to the inaccessibility and extent of damage experienced in these areas during severe weather events.
- c. See Attachment GMP.DPS3.Q5c.1 for the requested histogram across all GMP customers for 2023. Attachment GMP.DPS3.Q5c.2 is the same histogram for a representative urban district (Colchester) and Attachment GMP.DPS3.Q5c.3 is a

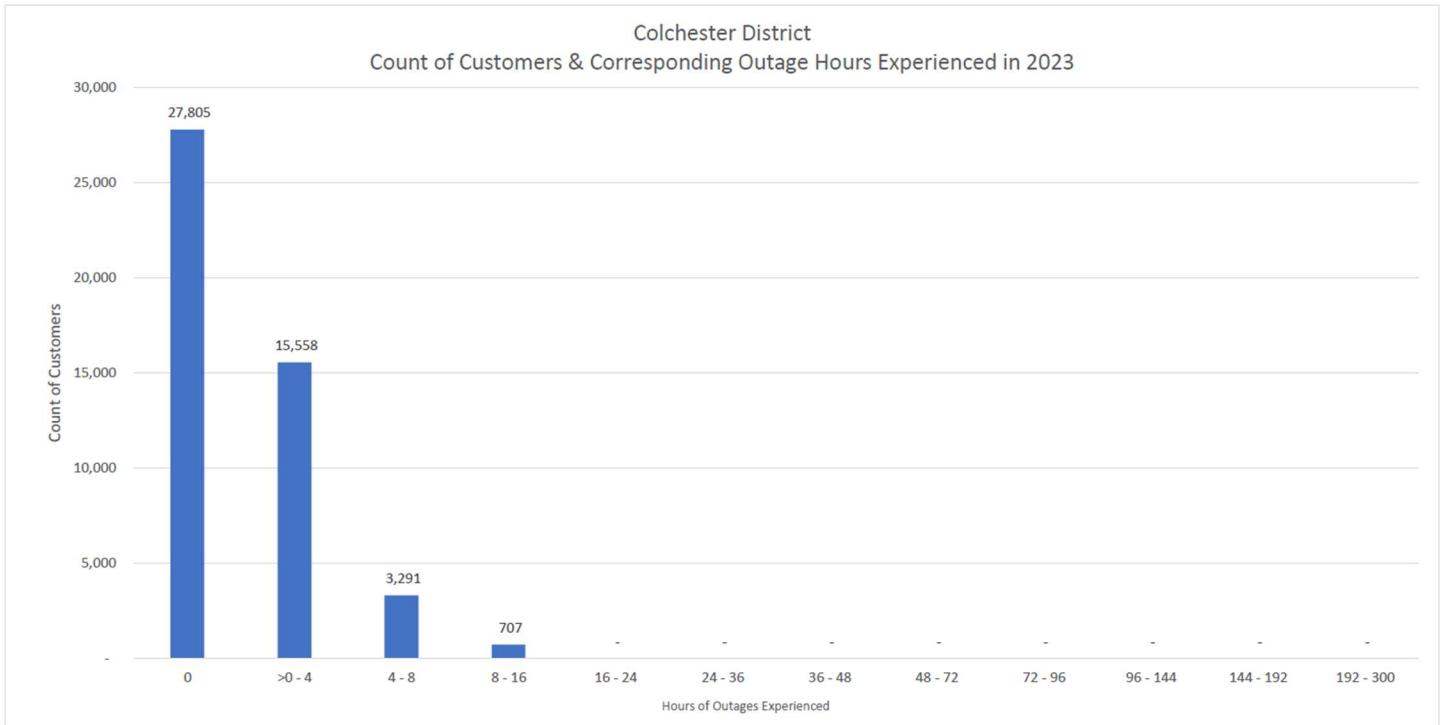
rural district (Brattleboro) histogram representing southeast Vermont where much of our Phase 1 work is focused.

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Title of Person/s: VP, Field Operations, Leader of Grid Resiliency  
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Attachment GMP.DPS3.Q5c.1



Attachment GMP.DPS3.Q5c.2



Attachment GMP.DPS3.Q5c.3

