

Intel Data Center Final Analysis

From analyzing the data and creating visualizations, I have discovered that the two regions that are the most sustainable, renewable, and productive in power generation are the Northwest and Central regions of the United States. These regions not only were in the top 3 in terms of energy generation for renewable energy, but they also were in the top 2 positions in total percentage of production coming from renewable energy AND were in the top 4 for net production. Texas might be a good choice for location since they are the region in 2nd place in terms of energy generation of renewable energy, however they posted a net production LOSS while the Northwest and Central regions posted much higher net production. Therefore, it is for these reasons that I conclude that the best locations for an Intel data center would be in the Northwest or Central regions.

However, I understand that the datasets given do not include every state in the United States leaving states that are in these two regions without data. While asking for more data to fill in these null spaces would be a valid reason, it is not possible for this activity. With the data given, Texas would be the best choice for an Intel data center since it is the only state that is known to produce in the top 3 for total renewable energy as well as being located in the Central region.

Intel Data Center Energy Dashboard

