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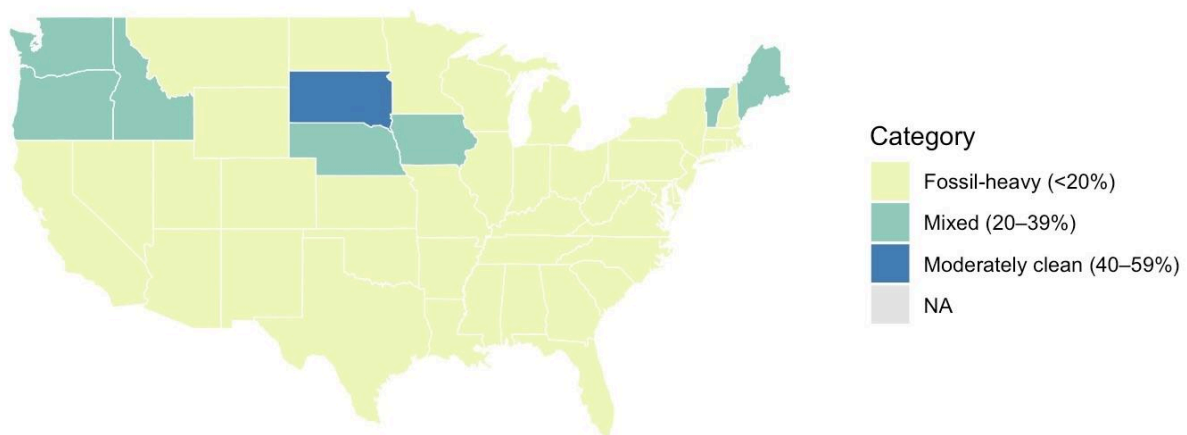
10/27/25

Part 5: Final Deliverable

Subq: Electric vehicles reduce direct emissions, but does the electricity used to charge them actually come from clean sources?

### Grid Cleanliness by State (2023)

Buckets based on renewable share



Source: your cleaned tuse\_2021–2023 tables

I just answered prof's q only because I didn't have a whole lot of time for this project due to personal circumstances, but this map shows each US state by how clean in energy it was in 2023. So the yellow states are very reliant on fossil fuels, heavily reliant (less than 20% renewable). Blue states are moderately clean in their energy (20-59%).

So people with registered ev's in the yellow states are likely using more fossil fuels and things like that to charge their vehicles, nonclean energy. And people in blue states who have ev's are likely to be charging their vehicles with clean energy.