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Alaska is the perfect state in the US to deploy distributed Microgrids powered by SMRs and truck bed based micro reactors due to the vast landscape and rather small population. More than twice the size of Texas and less than 1 million residents!

Visited Alaska just once. It was our honeymoon trip almost twenty years ago and we fell in love with the landscape. One of Our tour guide on our very first white water rafting trip said we missed the summer season. It was the prior two weeks!! Water was freezing even in the summer. He said something to the effect your first white water rafting? You decided to do that in Alaska?

Having lived in Tennessee for the past decade we have seen the benefits of nuclear energy. Low rates and almost no outages. Moving forward with the electrification of the transport sector, there really is no alternative nuclear power to expand the capacity of the grid in its current form and a distributed structure in the future.

Having worked in manufacturing, trucking, energy sectors I can see how SMRS and microreactors will benefit from the economies of scale and standardized manufacturing process which is missing in regular nuclear reactor power plants. This will lower the cost of deployment as well.