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## **Support for Battery Energy Storage System in South Orange County**

Battery energy storage is a critical technology needed to lessen congestion on the grid, increase adoption of renewables, lessen reliance on fossil fuels, and secure our power supply. Each generation of systems continues to be safer and safer as time goes on, and they are now more widely deployed than ever. The fires and other issues in the past were with older gen technologies and/or chemistries, and many lessons have been learned in regard to safety design, hazard mitigation, and emergency response. In fact, there are large systems being deployed now that have been through rigorous testing where it was impossible to get the battery cells to propagate from one to another after forcefully being put into thermal runaway. In short, they will continue to get safer and safer and add significant value to utility grid and use of renewable power.