

EnerFlex



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Brief Team Description:

The group comprises of four power engineers. The Technical Lead has 12 years of R&D experience. The three supporting engineers have a mixture of industrial and unique research experience in different experimental and theoretical projects.

COMMUNITY

Lafayette, LA is our community of focus. Our relationship with Lafayette is deep rooted in a shared commitment to sustainable development and energy equity. The team lead with his research team have a close working relationship with local utility companies.

ENERGY-RELATED CHALLENGES

- ❖ ***Frequent Weather-Related Power Outages:*** Lafayette's geographic location make is prone to severe weather events with resulting widespread power outages
- ❖ ***High Poverty Rate and Energy Burden:*** The poverty rate of the city stands at 18.7%, higher than the national average. This leads to a higher energy burden for low-income households with utility bills taking a larger portion of their income.
- ❖ ***Aging Energy Infrastructure:*** Lafayette's energy infrastructure is aging and in need of modernization and renewable sources integration to improve its reliability and resilience.