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Voltpack Mobile System



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De Challenge

- Limited amount of power from the grid connection in the context of: construction works, EV charging, events, maintenance services
- Replacing or reducing diesel generators at construction sites or events and festivals, maintenance works
- Enabling electric fast charging infrastructure in places where the grid infrastructure is too weak or does not exist

De Solution

The solution is a mobile and plug and play mobile energy storage system that essentially:

- Provides a boost of power to limited grid power connection
- Hybridizes with a diesel generator to reduce or eliminate fuel consumption
- Creates an islanded power grid when there is no grid infrastructure



De Businesscase

In the case of boosting a limited grid connection, the customer achieves:

- Faster start of construction leading to overall shorter project time and less risk of delay penalties
- Cheaper alternative than using a diesel generator in parallel
- No noise at the construction site

In the case of a hybrid diesel/battery setup:

- Reduced overall fuel consumption and similar overall setup costs
- Reduced maintenance needs on the generators as they are running at their optimal range

In the case of an islanded setup:

- Given same fuel and diesel transportation costs, kWh from electricity are cheaper than diesel kWhs