

# NELSON MANDELA UNIVERSITY

Innovation Office



## HiStart

The petrol or diesel engine generators used in areas without electricity require a lot of start up power. By combining a control strategy and hardware, a temporary increase in power output of the generator to supply a large starting load is possible.



## Advantages

- Motor starting capability
- Does not require the use of batteries

## Market Application

HiStart applies to any industry susceptible to blackouts, as well as to activities like off-grid mining, farming, road maintenance, emergency services and roadside / informal trading.

## Opportunities

- Investment
- Partnership
- Manufacturing

## Development Status

TRL 2: concept developed.

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