



LIV Durban Project SonLight

LIV Village Mission Statement

LIV exists to raise the next generation of leaders in our nation. Our mission, purpose and passion are to place vulnerable, parentless children into a family environment where they receive unconditional love, spiritual discipleship, care and nurturing and where all their physical needs are taken care of.

Project SonLight Vision

LIV Village is situated in the Cottonlands community on the outskirts of the EtheKwini Municipality. This area experiences electricity outages for days at a time on a regular basis. This puts great strain on the children writing exams in the online school, the Owethu clinic, the foster mothers and children. This project will also remove a substantial financial burden on the village, by decreasing the monthly utility bill of LIV Durban as LIV Durban is dependent on donations for 83%, government grants for 6% and business income for 10% off its total income.

Project SonLight Aim

The main aim of project SonLight is to provide affordable, reliable and environmentally friendly electricity to the LIV Durban Village and the Skills Development Training Centre. This project puts LIV one step closer to obtain our vision of building self-sustainable and eco-friendly villages that provides a safe and healthy environment for our children.

Project Details

G7 Renewable Energies Pty (Ltd) performed a study on the electricity requirements for the village. They have compiled a Request for Purchase document that contains all the specifications to be met when executing this project. G7 supplied LIV Durban with a general cost estimation for this project with the following specifications:

System size	203 kW	Greenhouse gas avoided per year	322 Tons
Inverter rating	180 kW	Car km avoided in lifetime	9.5 million
Battery size	358 kWh	Percentage energy savings	110 %
Total system cost	R4.5 million	Lifetime utility bill savings	R23 million

Contact Details

To get involved in this project, or for more information contact:

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