



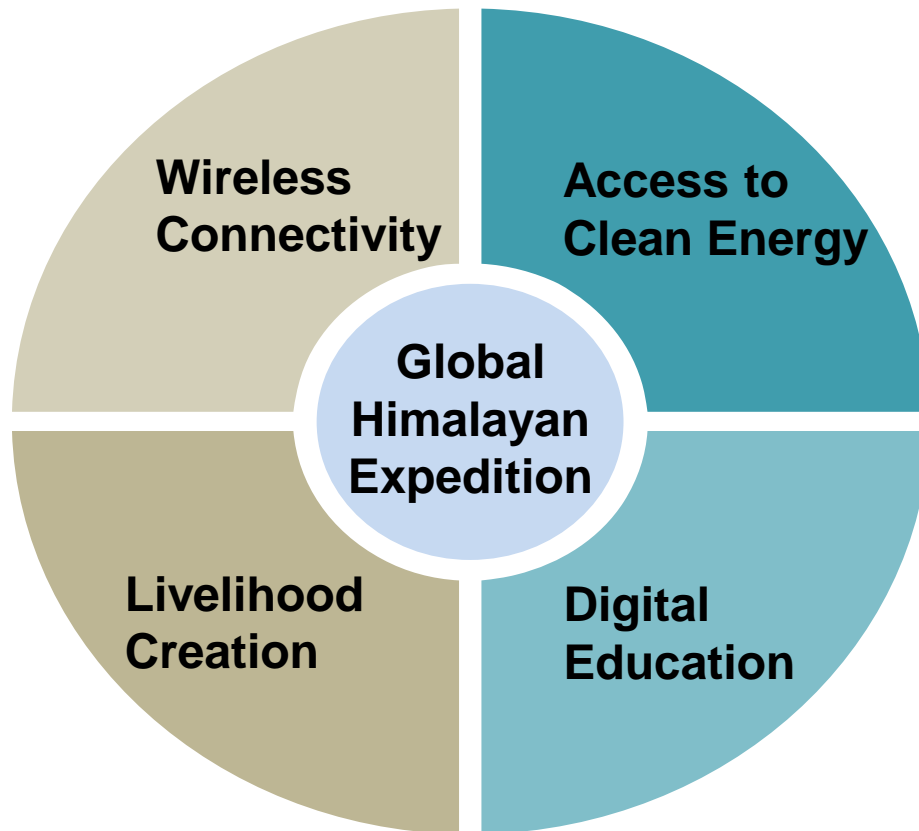
Global Himalayan Expedition

Electrifying Villages, Creating Leaders and Transforming Lives



Core Objective

Global Himalayan Expedition leverages tourism and technology to provide **Clean Energy, Digital Education, Livelihood Creation, and Wireless Connectivity** to remote mountainous communities

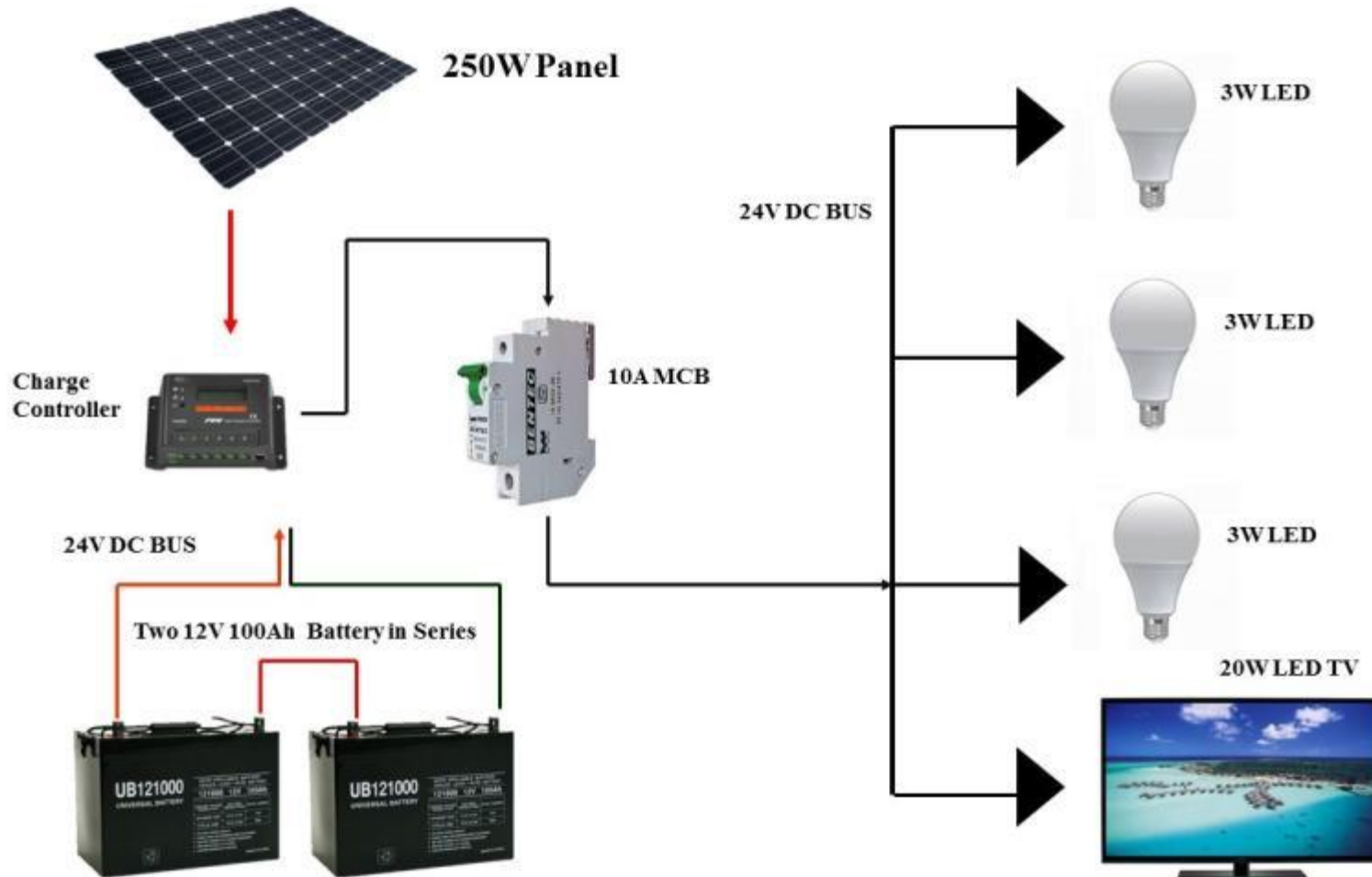




**60 Villages Electrified
20000+ Lives Impacted**



Technology - DC Solar Microgrid



Village Identification

We search villages through local contacts as there is no database or survey conducted due to their in-accessibility. The team treks sometimes for 5-6 days to reach Villages or need to drive on un- motorable roads



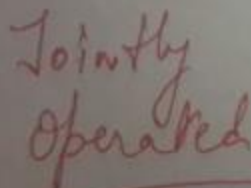
Village Mobilization & Awareness on Solar

It's important to have the community as well local leadership buy in before implementing the Solar microgrid. The process also includes educating villagers on the benefits of using Solar and its long term affect



Village Joint Bank Account

A committee is formed in the village that looks after the upkeep and maintenance of grid. Every villager contributes a monthly rental which goes into a Joint account opened by the villagers



J&K STATE CO-OP. BANK LTD.
H.O. : SRINAGAR
B.O. Main leh -

SAVING BANK ACCOUNT

Name(s) of Nawang Tsering & Tsering Dorjey -
Address Gumda Chemo leh Ladakh -

Account No 002234001100476
L.F.No. 100024228

For J&K State Co-operative Bank Ltd
Branch Ladakh
Date 07/09/2015 By Manager

MONTH & DATE	PARTICULARS	WITHDRAWN		DEPOSITED		CR.	BALANCE		INITIALS
		Rs.	P.	Rs.	P.		Rs.	P.	
02/09/15	By Cash			9,600			9,600		



Grid Material Transportation



Tourism with an Impact



1500 Year Old Village Electrified in 2 Days



GE EMPLOYEES IN ACTION



GE VILLAGE URBIS – ELECTRIFIED



Visible Impact post Electrification

Family using Kerosene Lamps



A 3W LED Light – 330 Lumens



First Interaction with LED Lights



Energy Efficiency – GHE DC Products



BLDC Fan
7W to 9W
with regulator
12V/24V DC



DC HD LED TV
21" TV – 15W
Inbuilt Speaker
12V/24V DC



DC LED
3W – 320 Lumens
(270° Beam Angle)
B22/E27 Casing
12V/24V DC



Empowering the Local Community

Women empowerment – Mountain Homestays

- Additional income for the family through homestays
- Better sanitation and living standards
- Engaging in economic activities of the household
- Motivation to make Pashmina and other woolen artifacts



Aspirational Loads

2014
Village Electrified



2016
**Villagers buy Television from
income generation through
Homestays and Woolen products**



Digital Education in Remote Village



- Children access offline Internet Content
- Wikipedia, Khan Academy, TED talks and the School Curriculum pre loaded on a 500GB Wifi Server



Service Centre Operated by Local Women

Women Electricians



Women run service centre



GHE Expansion



Indonesia



Guyana



Peru



Nepal



Impact & Performance



**Electrified
60 Villages**

Overall 20,000 Lives Impacted

Setup 4 Pashmina Weaving Centres

Established 20 women Entrepreneurs

1,500 Student Lives Impacted

500 Tons of CO² Eliminated



Awards & Recognition



Winner Tourism for Tomorrow Awards in the Community Impact



Best Impact Startup at the World Tourism Forum Lucerne 2017.



Featured in Breakthrough Series Season- 2 "Power to the People"



Video on GHE's work for bringing energy and education access



Recognised by EXPO 2017, Astana as Innovative Technology Startup of 2017



UNWTO

Case Study by World Tourism Organization (UNWTO) for SDG Goal No. 7



Let there be Light!

