

# Energy Audit of Health Centers in Uttar Kannada, Karnataka

- SELCO aims to create a solar energy blanket in Primary Health Centers (PHCs) across Uttar Kannada district in Karnataka.
- In order to come up with solar solutions for these a thorough energy, the audit has been conducted for 71 PHCs across 9 Taluks of Uttar Kannada district.

Solution:

Based on the analysis of site survey, electricity bills, and health services - 3 categories of solar inverter solutions were arrived at.

The 3 categories are:

1. 3 kWp Inverter Systems for PHCs having energy requirement between 4-8 kWh/day
2. 4 kWp Inverter Systems for PHCs having energy requirement between 8-10 kWh/day
3. 6 kWp Inverter Systems for PHCs having energy requirement between 10-14 kWh/day

Taluk	Number of PHC
Ankola	5
Bhatkal	4
Haliyal	8
Honavar	7
Karwar	14
Kumta	8
Siddapura	7
Sirsi	10
Yallapur	7

Table: Shows taluk wise number of PHCs covered in survey.

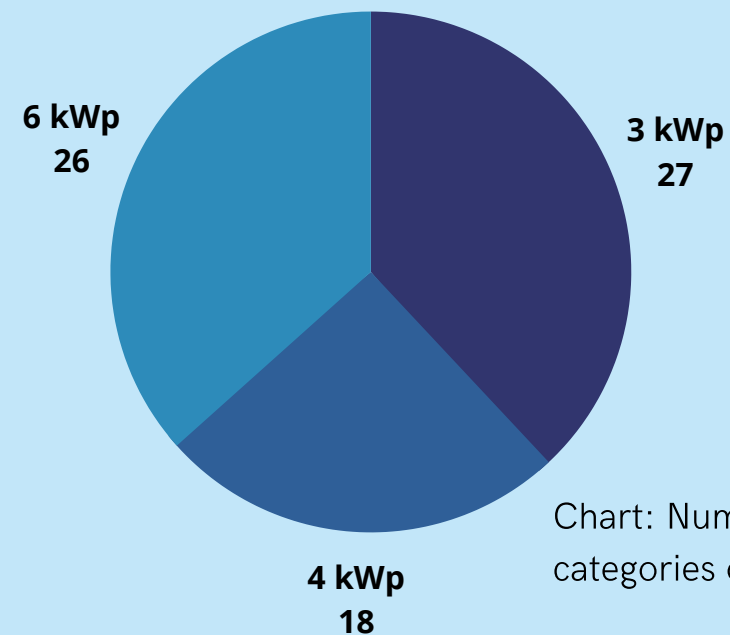


Chart: Number of PHCs under the different categories of inverter system.

## Expected Impact

- 17,75,000 People will impacted through this energy intervention
- 900 Villages Covered by 71 PHCs

