

102C. 15) ENERGY CELL

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KSCST has setup Energy Cell in view to creating awareness about usage of renewable energy devices and Energy Conservation, capacity building and bring in Innovative projects in the Energy Sector.

Objective:

- Provide the technical support to Government departments and institutions for implementation of Renewable Energy Programmes.
- Build awareness on Energy conservation, popularisation of grid interactive Solar PV and Renewable Energy sources and independent decentralised power generation systems.
- Demonstration field testing of new technologies developed by the R&D Institutions
- Organise Training programmes and Workshop for ESCOM's Executives about grid interactive Solar PV Programmes including roof top power generation.

Technical and Management support:

Energy cell has provided the Technical and Management support for implementation of Renewable Energy Projects and Programmes for the following institutions during April 2018 to August 2018.

1. Provided the technical support for implementation of 279 kWp rooftop Solar PV Power Plants and Replacement of 2200 LED light fittings at various buildings at Indian Institute of Science Campus under CSR programme of Rural Electrification Corporation Ltd. Government of India.
 - Monitoring the progress of implementation of the projects and inspection of LED street lights and indoor lights installation in the IISc Campus. Final inspection report is under preparation the same will be submitted to CCMD, IISc. and REC
2. Karnataka Residential Educational Institutions Society (KREIS), Social Welfare Department, Government of Karnataka has approached KSCST to provide Technical and Management support for setting up of Rooftop Solar PV plants and Insulation of open conductors at 30 Residential Schools across Karnataka which are working under KREIS.
 - For the technical and managerial support provided to KREIS, a proposal was submitted to Rural Electrification Corporation (REC), New Delhi with total budget of Rs.26.00 Crores. REC has sanctioned 13.00 Crores to KREIS for setting up of Rooftop Solar PV plants and Insulation of open conductors at 30 residential schools and establishment of E-Learning Centers at 10 Residential Schools across Karnataka.
 - KREIS has approached KSCST to provide technical and managerial support and has agreed to provide 1.5% of the total cost of the project as project expenses to KSCST.

KREIS has selected the following 30 Residential Schools for implementation of the above said projects.

Sl No	School Name	Village/Taluk	District	Community
1	Atal Bihari Vajpayee Residential School	Doddahalli, Pavagada	Tumkur	SC
2	Ekalavya Model Residential School	Konchuru-Wadi	Kalburagi	ST
3		Sollepura, H D Kote	Mysore	ST
4		Bhajanahalli Koratagere	Tumkur	ST
5		Devarakote, Hiriyur	Chitradurga	ST
6		Mangala Kollegal	Chamrajnagar	ST
7		Gangarayana palli Srinivasapura	Kolar	ST
8		Kottadoddi	Raichur	ST
9		Balagodu, Virajpet	Kodagu	ST
10		Taruve,Mudigere	Chikkamagaluru	ST
11		Tavaga	Belagaum	ST
12		Kittur Rani Chennamma Residential School	Periyapattna	Mysore
13	Buvanahalli, Sira		Tumkur	ST
14	Holalkere		Chitradurga	SC
15	Kakanuru		Davanagere	SC
16	Begur, Gundlupet		Chamrajnagar	SC
17	Malavalli		Mandya	SC
18	Madabola-Gundugurthy		Kalaburagi	SC
19	Magadi		Ramanagar	SC
20	Varakanahalli-Bevinahalli Cross, Shahapur		Yadgir	SC
21	Morarji Desai Residential Schools		Doddahalli, Pavagada	Tumkur
22		Gujjanadu, Pavagada	Tumkur	ST
23		Buvanahalli	Tumkur	SC
24		Avargola	Davanagere	SC
25		Nagavi- Chittapur	Kalaburagi	SC
26		Bommankotte, Holalkere	Chitradurga	ST
27		Hoogyam, Kollegal	Chamrajnagar	SC
28		Gundugurthy	Kalaburagi	SC
29	Morarji Desai Residential Schools & PU College	S.Ankanahalli, Holenarasipura	Hassan	SC
30		Karakallahalli, Gouribidanur	Chikkaballapura	SC

KSCST technical team along with KREIS Engineers have visited the selected residential Schools and collected the technical and geographical information about each school and prepared the baseline survey report. The report will be submitted to REC and KREIS.