

Most parts of India receive a large amount of solar radiation for 250 to 300 days in a year. This adds up to a potential of producing 6,000 million GWh of energy per year. Our project aims to bridge this gap by introducing solar technologies in schools across India. This initiative will be supplemented with education focused on energy conservation and climate change mitigation. The ‘Schools on Solar’ project will also help schools develop a financial plan to reinvest some of their savings from the solar installation into energy efficient devices such as Digital Classes.



The Schools on Solar project ensures a low carbon, clean source of energy with minimum maintenance and only an initial capital investment. The focus of this project is a solar installation with environmental education. The energy conservation and efficiency campaign will be designed by the Drishti Foundation Trust (DFT) and will be managed by the school teachers and DFT together. At a national level, the campaign will also be facilitated via a web-based portal, which will be developed and managed by DFT. This online portal would not only steer the conservation campaigns of the schools but also provide all the necessary information about the Schools on Solar initiative while providing a platform for participating schools to share and exchange ideas. The entire project is self-sustaining and can be driven by students themselves with only minimal intervention by DFT.

The pilot phase of the project started on 15<sup>TH</sup> January 2020 and is scheduled to finish by mid-March. The project has a one stage, which have been outlined below. The conservation efforts, along with the savings from solar to install Digital Learning and other energy efficient appliances, would bring in additional financial savings to the school. DFT would then assist the school to move to lower energy slabs on their meter to further reduce expenditure on energy consumption from the grid and encourage Digital Learning.

There are Total 60 schools in different states for the installation of Solar Panels for Digital Learning: -

**List of Pilot schools are as follows :-**

1. Government Sr. Secondary School , Hamidpur, Block Behror, Rajasthan.
2. Government Sr. Secondary School , Tasing, block Behror , Rajasthan.
3. Government Sr. Secondary School , Gujarwas, block Behror, , Rajasthan.
4. Government Sr. Secondary School , Khohri, block Behror, , Rajasthan.
5. Government Sr. Secondary School , Jaguwas, block Behror , , Rajasthan.
6. Government Sr. Secondary School , Dhis, block Behror, , Rajasthan.
7. Government Sr. Secondary School , Ajemipur, block Behror, , Rajasthan.
8. Government Sr. Secondary School , Nalpur, block Behror, , Rajasthan.
9. Government Sr. Secondary School , Khapriya, block Behror, , Rajasthan.
10. Government Sr. Secondary School , Karora, block Behror , , Rajasthan.
11. Vidya Mandir Nandval
12. Yashavantrao Chavan Vidyamandir , Lakshatirth Vasahat
13. Vidya Mandir Pirwadi
14. Vidya Mandir Kumar Uchgaon
15. Vidya Mandir Sarnobatwadi
16. Vidya Mandir Chinchwad
17. MNP Co. Govind Pansare Vidya Mandir, Rajopadhyay Nagar
18. MNP Ra Shahu Vidyalay Bavda , Kasaba
19. MNP Dr Sarvapalli Radhakrishnan Vidya Mandir ,Rajendra Nagar
20. Prince Shivaji Vidyalay Jadhavwadi
21. Govt. HSS ,Puranichawani Ghatigaon
22. Govt HSS Model School , DD Nagar, Morar
23. Govt HSS GIRLS , PADMA Lashkar
24. Govt HSS GIRLS , Gajraraja, Lashkar
25. Govt. HSS Boys , Paganvici, Lashkar
26. Govt. HSS Boys , Thatipur, Murar
27. Govt HSS GIRLS , Murar
28. Govt HSS GIRLS , Shinde ki Chawani, Lashkar
29. Govt HSS Excellence , Excellence, Morar
30. Govt HSS Boys , Murar
31. MPPS NO-1 BAYYAVARAM , KASIMKOTA
32. MPUPS JAMADULAPALEM , KASIMKOTA
33. MPPS - 1 VEDURUPARTHI , KASIMKOTA
34. MPPS- 2 THALLAPALEM, KASIMKOTA
35. MPPS SUNDARAYYAPETA, KASIMKOTA
36. MPPS AMEEN SAHEBPETA, KASIMKOTA
37. MPUPS MELUPAKA, KASIMKOTA
38. MPPS MOOLAPETA, KASIMKOTA
39. MPPS VENKUPALEM(T), KASIMKOTA
40. MPUPS SOMAVARAM, KASIMKOTA
41. Poorv Madhyamik Vidyalya Kanya Mataur
42. Poorv Madhyamik Vidyalya, Valeedpur
43. Poorv Madhyamik Vidyalya, Loiya
44. Poorv Madhyamik Vidyalya, Pabarsa
45. Poorv Madhyamik Vidyalya Jewari

46. Poorv Madhyamik Vidyalaya Khas
47. Poorv Madhyamik Vidyalaya Khirwanaubaad
48. Poorv Madhyamik Vidyalaya Batjaera
49. Poorv Madhyamik Vidyalaya Pauhali
50. Poorv Madhyamik Vidyalaya Khanauda
51. Rajkiya Inter college Saharanpur
52. Rajkiya Kanya Inter College Saharanpur
53. Rajkiya Inter College , Kamela road
54. Rajkiya Kanya Inter College Devla
55. Rajkiya Kanya Inter College gagalheri
56. Rajkiya Kanya Inter College Kota
57. Rajkiya Kanya Inter College Tiwaya
58. Rajkiya Kanya Inter College Kutubpur labdola
59. Rajkiya Kanya Inter College Sadak dudhli
60. Rajkiya High School Shivpur

The 'Schools on Solar' project has the potential to scale up and can be adopted by successively larger numbers of schools across the country; the entire project is self-sustaining and can be driven by the students themselves with only minimal intervention by DFT.

Solar panels are a visible signal that the company installing them is committed to sustainability and a clean energy future. How companies and corporations are responding to environmental responsibility is an increasingly important issue; by taking action to support clean, renewable energy, companies can signal to potential customers that they care about more than just turning a profit. Installing solar is a great way to generate positive buzz with stakeholders and the local community.