

Motorised Solar Tracker

By Arnav Gupta

Planning

A pen, paper and drawing board

Pilot Project

The first steps down a new road

Location 1

*First installation at Sarai Kale
Khan, NGO school*

Location 2

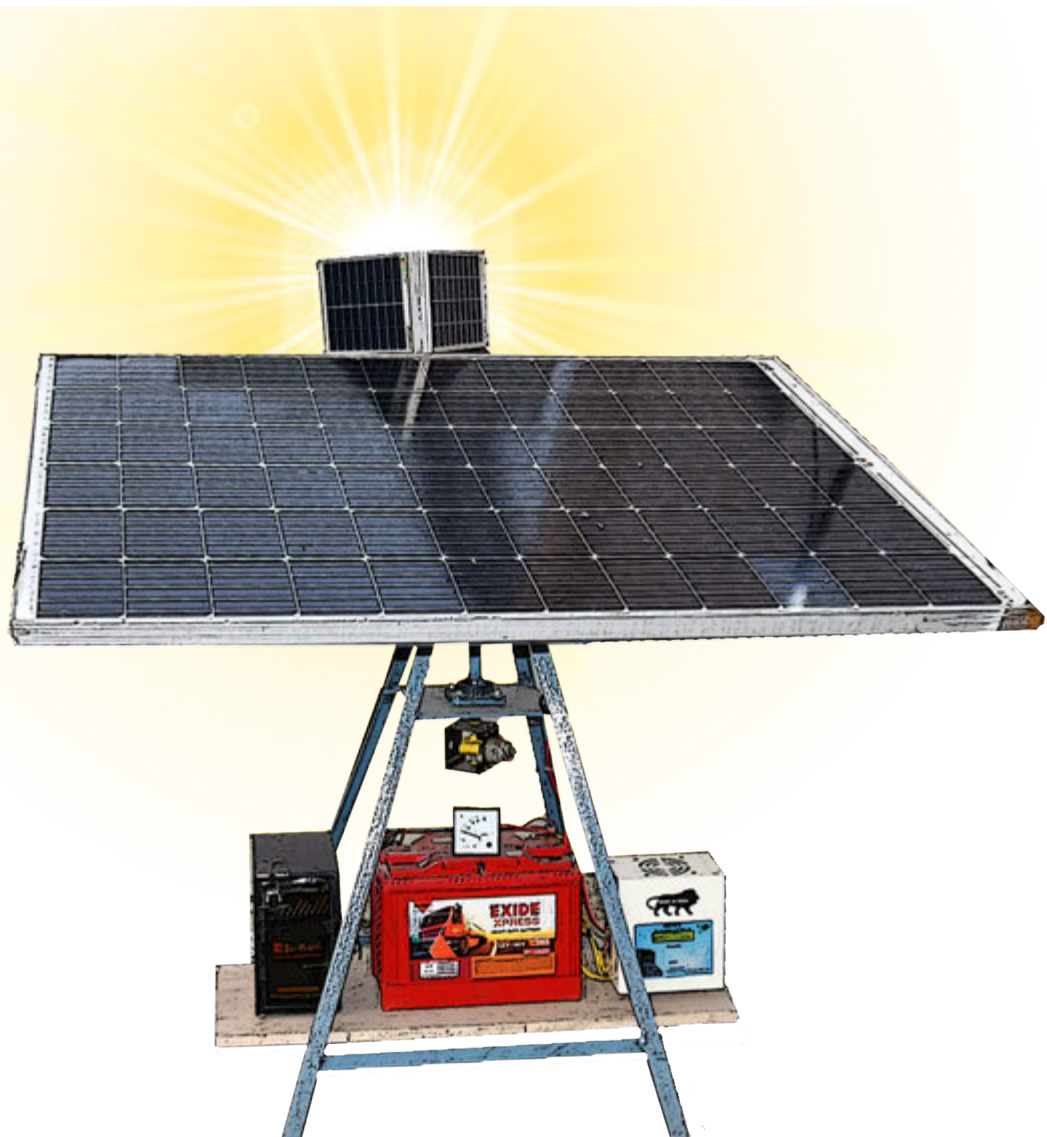
*Expanding operations to Majnu ka
Tilla, NGO school*

Location 3

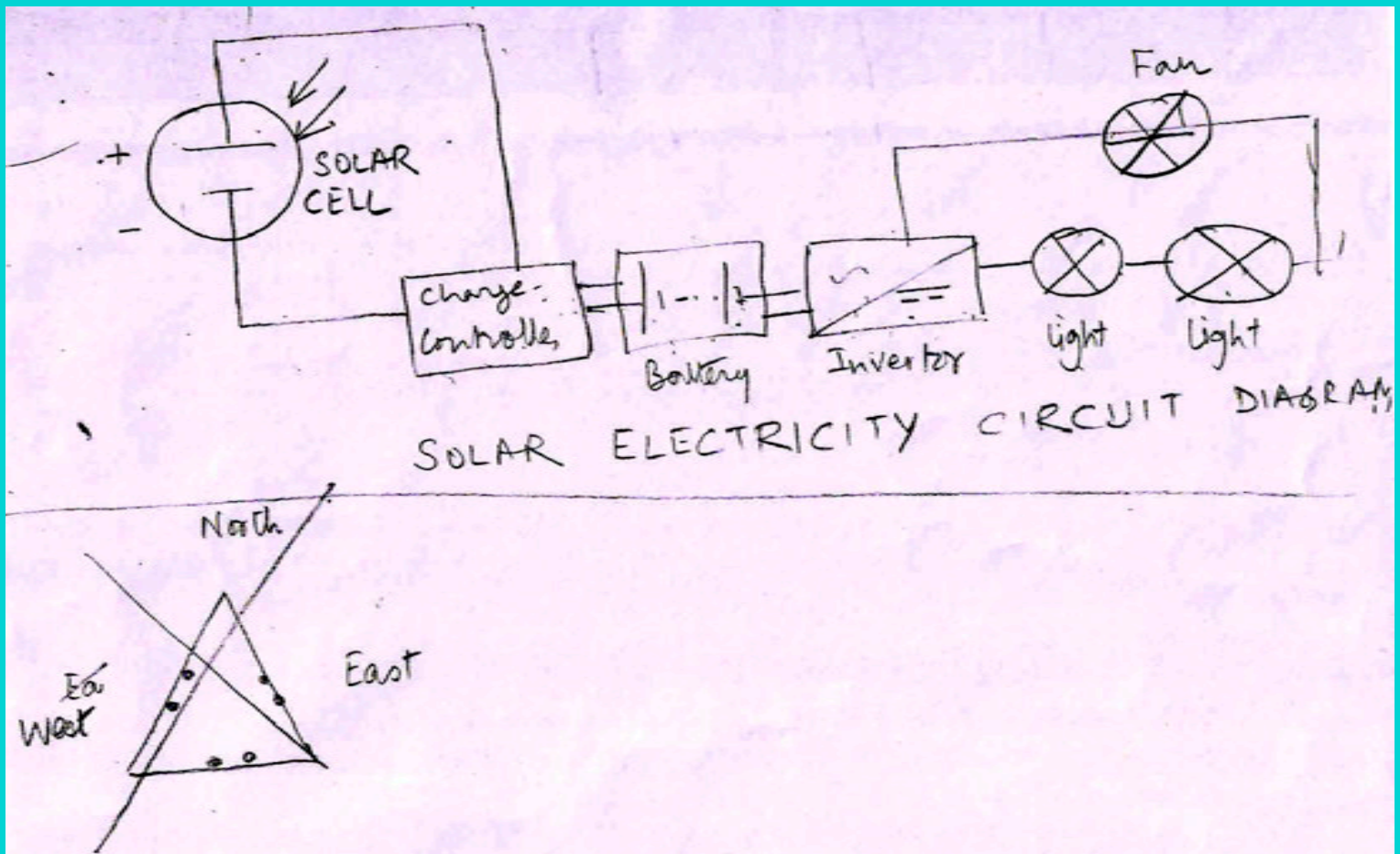
*Advancing opportunities at
Community Center, Kilokari Village*

Location 4

*Support from an MLA at RWA
office in MCD Park, Sunlight
Colony*



PLANNING



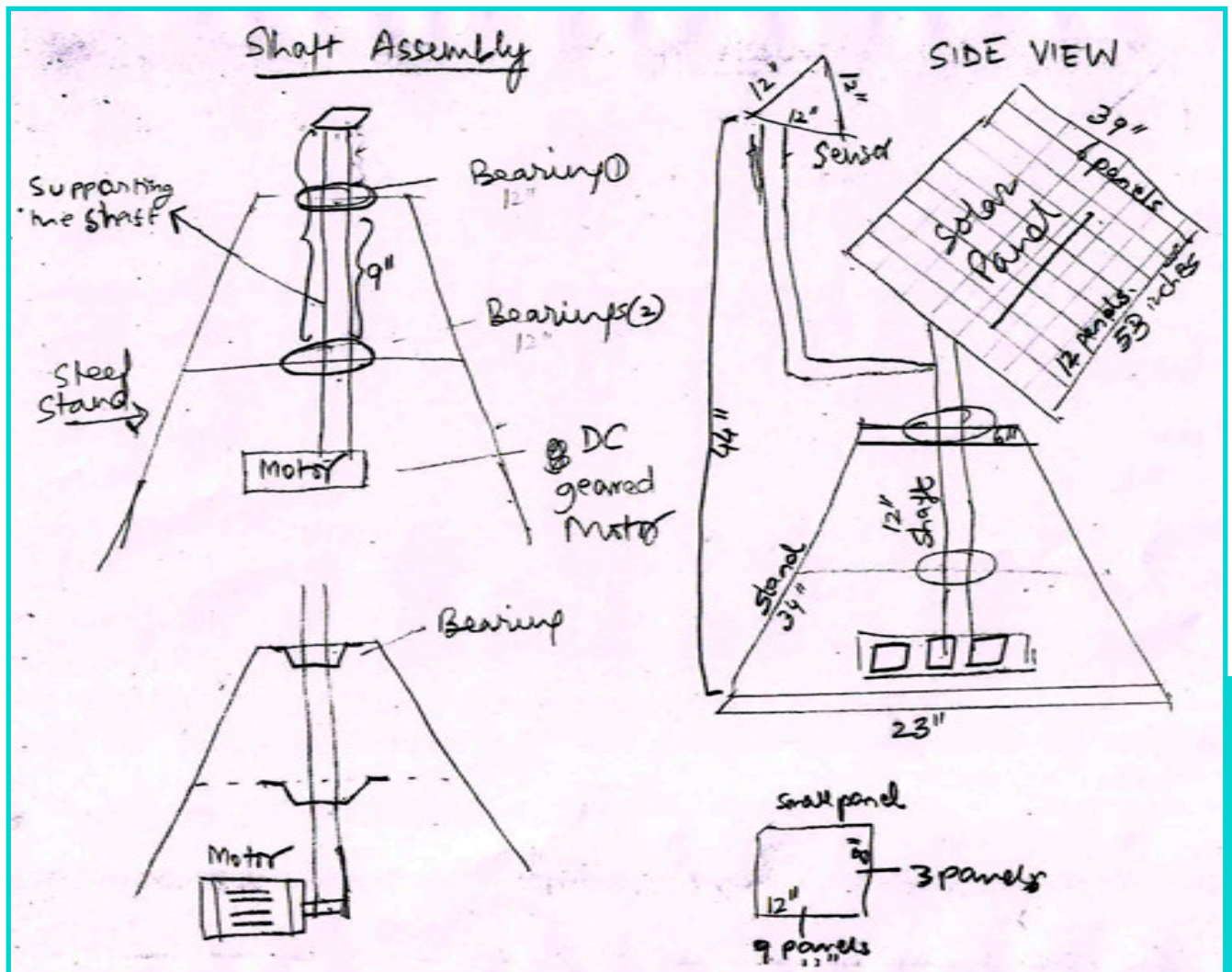
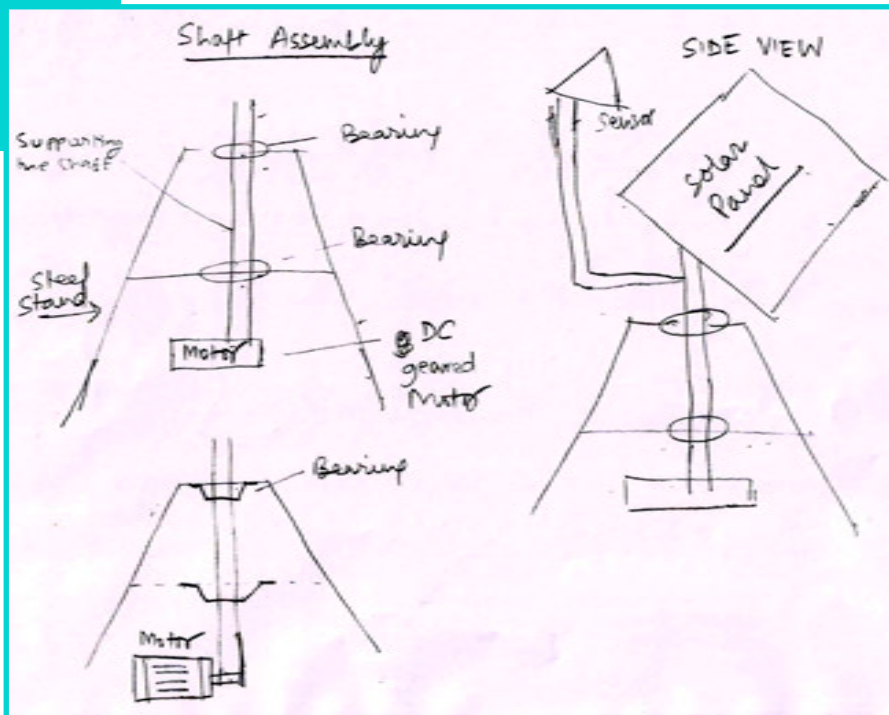
PHASE

"All we have to do.... Is sometimes to go back to the drawing board...."

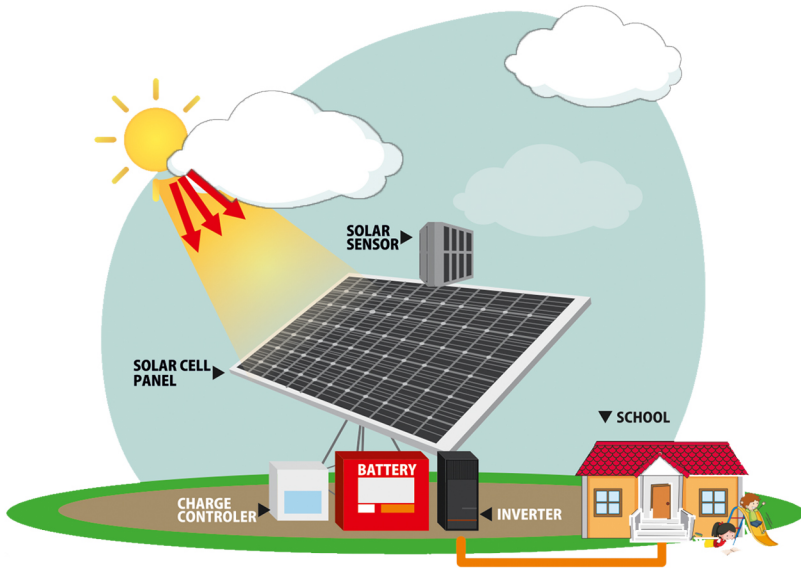
- William Sebunje

Planning

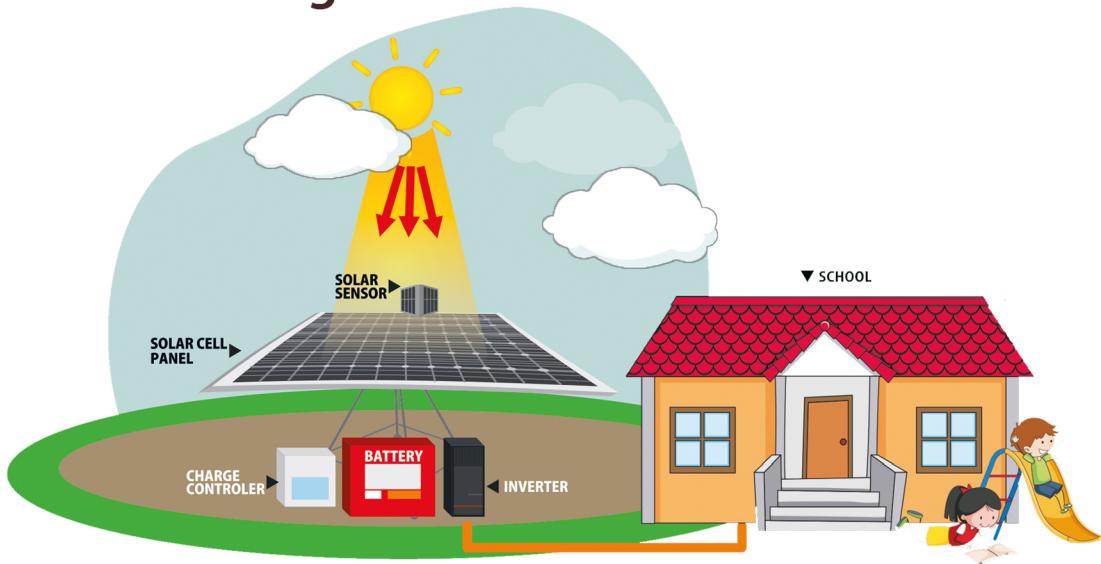
My campaign began with nothing more than a rough sketch of a setup that seemed promising in theory, but it needed practical experimentation to verify...



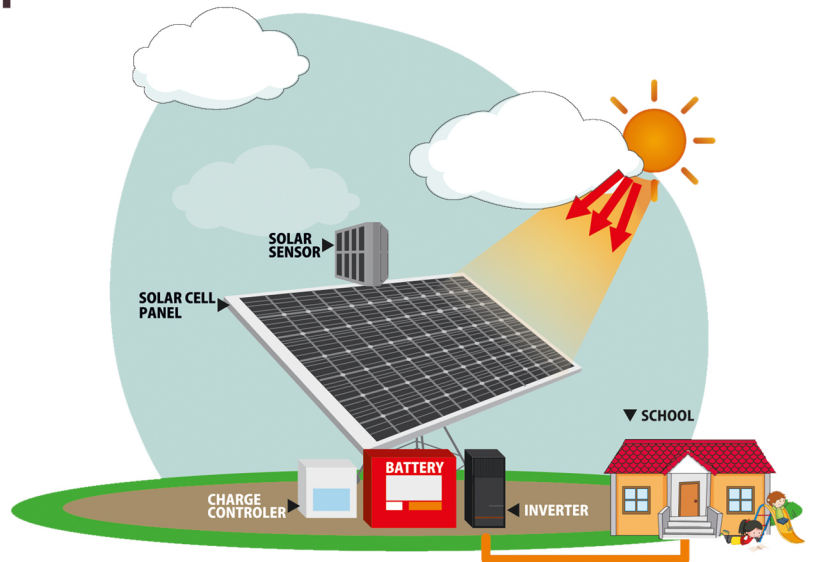
MOTORIZED SOLAR TRACKER



Morning



Noon



Afternoon

PILOT



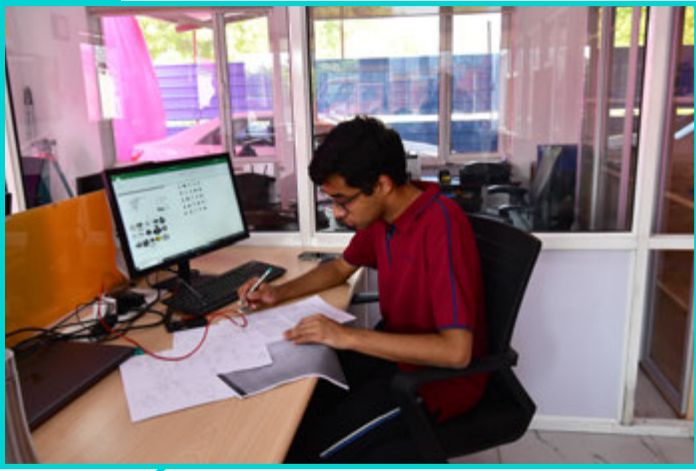
PROJECT

“Expect the best, plan for the worst and prepare to be surprised”

- Denis Waitley

Pilot Project

I worked on my first prototype at my father's factory. The spare space around his outlet could easily be utilised to install the setup and the experts at his workplace were always kind, helping and guiding me along the way. At a later stage in my campaign, I recovered the costs for my pilot installation through support from an esteemed solar panel provision partner TwinCity Sunlife. This device currently powers an activity centre for 35 students to use for academic and extracurricular activities.





LOCATION 1



SARAI KALE KHAN

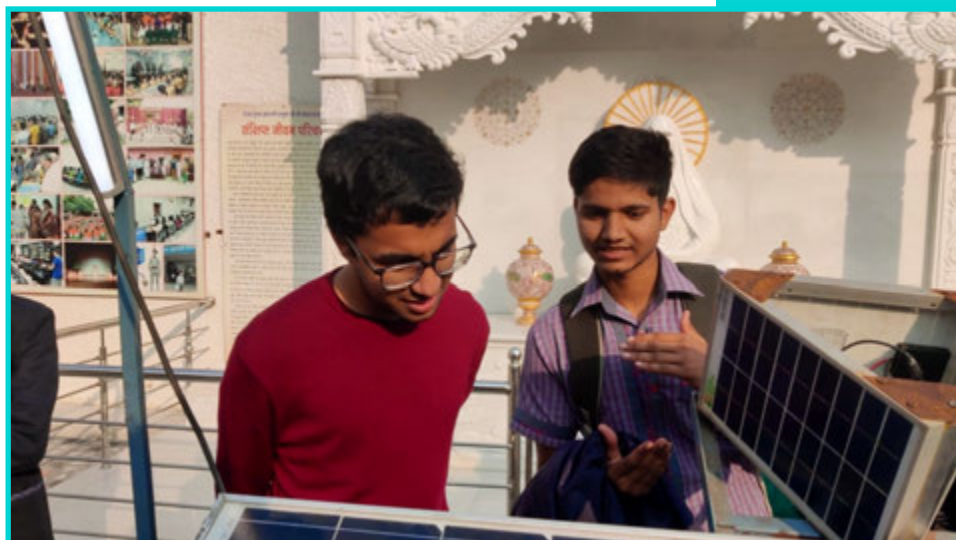
"Energy and persistence conquer all things."

- Benjamin Franklin

Sarai Kale Khan

My first community deployment for the Motorised Solar Tracker came through a collaboration with Manav Mandir Mission Trust. Using funds we raised through

crowdfunding online, we installed my device at their student culture centre.





LOCATION 2



MAJNU KA TILLA

"The future is green energy, sustainability, renewable energy."

- Arnold Schwarzenegger

Majnu Ka Tilla

After the first successful installation with Manav Mandir Mission Trust, we installed the second Motorised Solar Tracker at their other centre. Together both devices installed at Manav Mandir Mission Trust centres power the rooms where 60 students now study comfortably.





LOCATION 3



KILOKARI VILLAGE

"The greatest threat to our planet is the belief that someone else will save it."

- Robert Swan

Kilokari Village

Serving as both encouragement and validation, my Motorised Solar Tracker received recognition from Mr Praveen Kumar MLA with the Aam Admi Party. His support came with unmatched momentum for my campaign and we installed my device at Kilokari Village, an area under his constituency.

Solar panel industry experts at Twincity Sunlife recognised my effort and included my campaign into their CSR program, funding the community installation.



LOCATION 4



SUNLIGHT COLONY

"Solar energy is bound to be in our future. There's a kind of inevitability about it."

- Jim Inhofe

Sunlight Colony

Mr Praveen Kumar, MLA with the Aam Admi Party was thrilled with the efficiency of the Motorised Solar Tracker at Kilokari Village and authorised a second installation at Sunlight Colony as well. Both residential centres together are accessible for upto 15,000+ residents in total.



Twincity Sunlife's CSR program covered the installation costs for the benefit of the residents at the colony.

