



Apro GreenTech

*“Greening the Impossible” - doing what  
others thought impossible*

*Power Generating Solar Tree*



## Who we are

Apro Greentech provides complete greening solutions & execution. True to our tagline "Greening the Impossible". At Apro Greentech we provide products and solutions for multiple areas like creating renewable energy plans with open access solar to group captive models which takes care of your electricity consumption, treating waste which takes care of wet & dry waste, we are not only harvesting rainwater the smart way, but also providing solutions for cleaning lakes & nullahs, supporting green buildings Apro has built low cost housing with waste pet bottles and fly ash and e-toilets from recycled milk cartons, We are also helping with pollution control with our dust control machine. Constantly coming up with creative ways to a greener future and to combat the growing influence of climate change and global warming.



# DIFFERENT VERTICALS OF APRO GREENTECH

## Green Consultancy

- Planet-friendly rural and urban development
- Waste processing and recycling
- Solar powered lighting solutions
- Rural energy management
- Waste Management

## Sustainable Advertising

- Green Advertising solutions
- Environmental Sustainability Promotions
- Carbon Neutral Awareness programs
- Solar charging stations
- Green billboards and hoardings

## Urban Greening & Beautification

- Urban beautification initiatives
- Plantation & clean up drives
- Awareness programs
- Green homes
- DIY workshops

## Sustainable Homes

### Apro Bricks

- Designed for strength and durability
- Made out of recycled waste
- Sample home completed
- Pre-fabricated rooms available



**AproGreentech**

Greening the Impossible

## Sustainable Sanitation

### SusLoo, the sustainable sanitation unit

- Powered by solar energy
- Structure made from recycled waste
- Simple setup and maintenance
- Can be modified for the handicapped & children

## Renewable Energy Innovations

- Solar benches
- Mobile charging stations
- Laptop charging kiosk
- Bins and tree guards

## Waste Management & Recycling

- Solid waste management solutions
- Carbon Credit Programs
- Scientific recycling units
- Dry waste centers
- Thermocol recycling

To know more, visit us at [www.aprogreentech.in](http://www.aprogreentech.in)

## Apro Greentech Power Generating Solar Tree



**What are Solar Trees :** A solar tree is an artificial tree with Photo voltaic cells arranged to form the tree shape, Solar trees are intended to bring visibility to solar technology and to enhance the landscape and architecture they complement, usually in a commercial or public context. Solar Tree is a design phenomenon and is applied to track maximum power from sun. A solar tree is an artificial tree with Photo voltaic cells arranged to form the tree shape. Our solar tree can be integrated with WiFi, CCTV cameras, weather monitoring system & sun tracking system.

Solar tree is the successful concept of most advanced technology and the aesthetic requirements of the urban environments thru renewable energy plans.

Solar trees may provide shade and meeting places. Generating free power upto 5kv/hr to charge phones, laptops creating an outdoor workstation, powering boundary lights or anything you can think of. Our uber cool solar tree is made with best craftsmen using quality ISI product, DC lighting which is cost saving & meets the safety norms, prevents mishaps like electric current on a metal structure.

Solar tree is a revolutionary urban lighting concept that represents a perfect symbiosis between pioneering design and cutting-edge eco-compatible technology. Solar Tree is designed to function both autonomously and in synchronization with the public grid. Electric grid or it uses the energy generated by the solar panels during the day to recharge the batteries.

# Why Solar Tree

- **Efficient design** : In situations where space is a constraint, solar trees provide an option for installing multiple layers of solar panels while maximizing the efficiency of the available area.
- **They look great** : The solar tree design is efficient and strikingly appealing. Compared to the way standard solar panels are laid out, solar trees look a lot more aesthetically pleasing. The sight of a tree-shaped solar installation can be quite pleasing to the eyes.
- **Perfect for making a statement** : Individuals and businesses looking to showcase their support for sustainability can do so in style by installing solar trees. Some of the most popular solar panel tree installations around the world serve precisely this purpose.
- **Flexibility and compatibility** : Solar panel trees can serve as an excellent option for properties where solar roofing is not an option. They are also available with automatic weather monitoring & cctv camers.
- A great way to educate people about solar : They are often used as a means to light up the surroundings and build awareness about solar technology. Solar Trees are being used for this purpose in various corporate companies, government bodies, railways, Army in India.



Aprom power generating solar tree  
powering all boundary lights for Bank Of  
Baroda



# India's Biggest Solar. Outdoor Solar Workstation

# Power Generating Solar Tree



# On Grid Solar System Details For 1kv : 18 – 25ft RCC Foundation

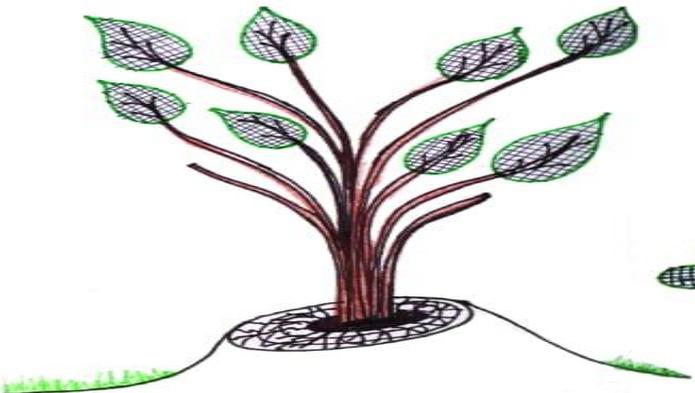
S.No.	Description	Qty / Capacity (kw)	No of Pieces	Size	Brand Names / Remarks
<b>Solar Breakup</b>					
1	Solar Panels	1 KW	5	1490 x 990 x 40	Solar panel 200watts Poly Crystalline Silicon Technology. 20yrs warranty
2	Inverter	1 kw	1		Growatt or equivalent inverter
3	Cabling Conducting	500 m			1) AC cable poly cab. 2) DC cable polycab. 3) AC armoured cable Polycab.
4	Earthing		1		3 earthing rod, earthing wire.
5	Light Arrestor		1		Lightning Arrestor
6	Lights	30w	12		led leaf shape 30 watts.

# OFF Grid Solar System Details For 1kv : 18 – 25ft RCC Foundation

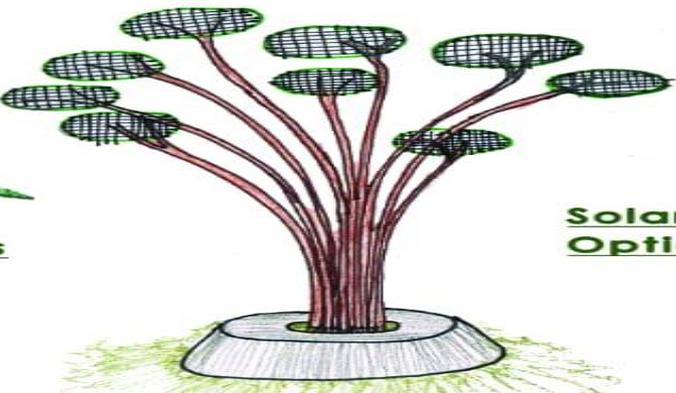
sr#	Item	Qty
1	Polycrystalline Solar Panel (waree)	1kv
2	Inverter 1kv (UTL or Olympus)	1
3	Battery (Autobat/PowerBat/Repute) 200AH	2
4	DCDB (trinity)	1
5	Earthing Rod (chemical earthing)	2
6	Earthing Wire (polycab)	1 set
7	AC Cable (polycab)	1 set
8	DC Cable (polycab)	1 set
9	MC4 Connector (Tyco/ Seichem)	10
10	Lighting Arrestor (copper)	1
11	4 Led Lights For The Solar Tree 12watts	4

# **SOLAR CHARGING STATION - PROTOTYPE**

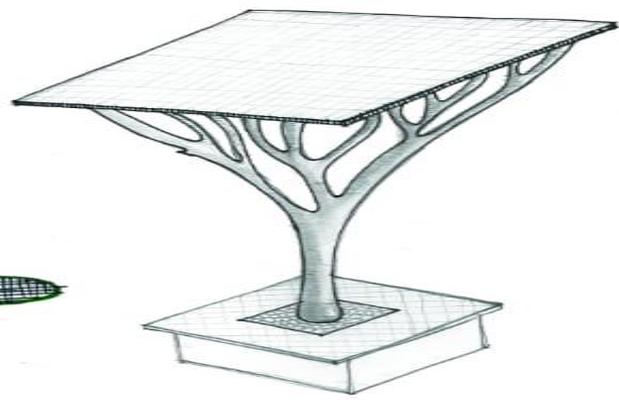
**PROPOSAL FOR SUSTAINABLE ADVERTISING AND URBAN GREENING.**



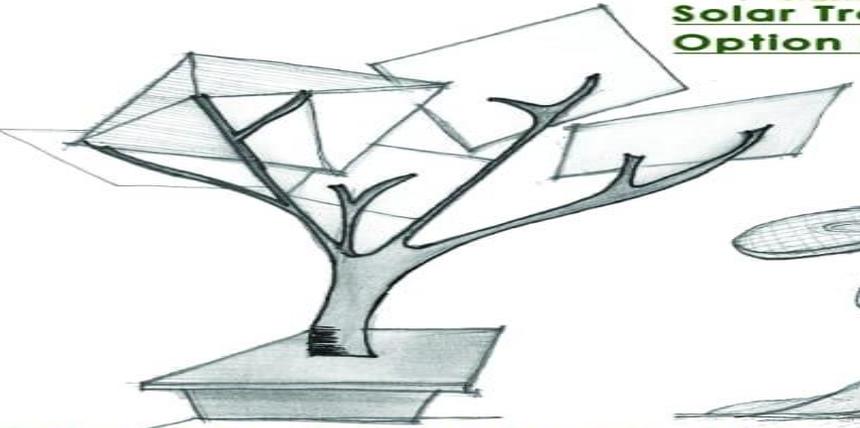
**Solar Tree - Leaf Panels  
Option 01**



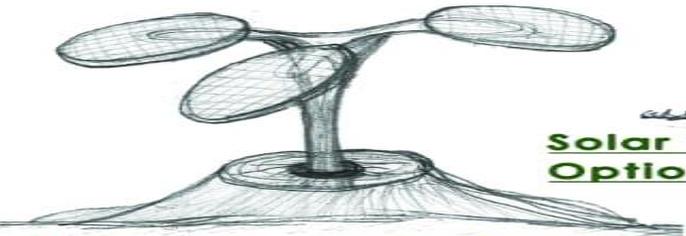
**Solar Tree - Round Panels  
Option 02**



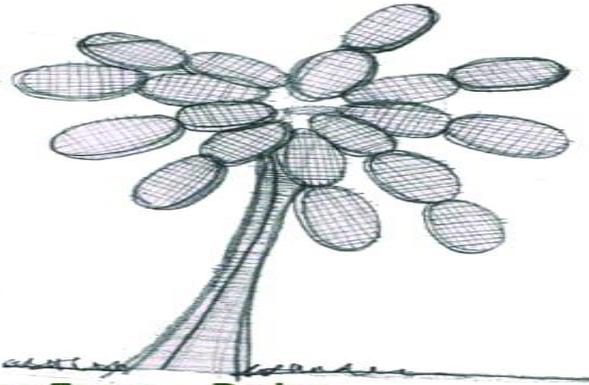
**Solar Tree - Large Panels  
Option 03**



**Solar Tree - Square Panels  
Option 04**



**Solar Tree - Apro Green Tech  
Option 05**



**Solar Tree - Palm  
Option 06**

**GREENING THE IMPOSSIBLE**

**Apro GreenTech**  
| Greening the Impossible |



Proposed Deigns 1, 2,3,4 & 5kv Solar Tree.



# Apro Greentech Media Articles

- [https://www.google.co.in/search?q=varun+dhawan+juhu+beach+world+environment+day&client=ms-android-oneplus&prmd=inv&tbm=isch&tbo=u&source=univ&fir=2Ir-0FH31sagaM%253A%252CmqryE1dXFZArfM%252C%253BhNp4kjuMm3ddsM%253A%252CcM9IWcHJHZXIyM%252C%253BYRDv8wVuOT2zsM%253A%252CqMfsVoinQOKN1M%252C%253BDeKbN\\_GY5pOM%253A%252CI1W0X4cuaN55-M%252C%253BKxUMvN4sRsq-TM%253A%252CcM9IWcHJHZXIyM%252C%253B2RvJIYGsGq2KjM%253A%252CNh6C8EAoFjimiM%252C%253BnPh3bcWDgPqv7M%253A%252CWcFrplAL9MWXqM%252C%253BusdtCInDV9YI2M%253A%252Cs1KVIUtIXHYwYM%252C%253BHjFUHGpvKnkLOM%253A%252Cq8SLuSQp2NLdhM%252C%253BbWuSCjuSDfnlCM%253A%252Cq8SLuSQp2NLdhM%252C&u sg=\\_eQg-nfUXD66DWGB7QVHgg7VMp8%3D&sa=X&ved=0ahUKEwjHkInKvb7bAhUBK48KHfpZBT8Q420IXQ&biw=360&bih=560&dpr=3#imgrc=KxUMvN4sRsq-TM:](https://www.google.co.in/search?q=varun+dhawan+juhu+beach+world+environment+day&client=ms-android-oneplus&prmd=inv&tbm=isch&tbo=u&source=univ&fir=2Ir-0FH31sagaM%253A%252CmqryE1dXFZArfM%252C%253BhNp4kjuMm3ddsM%253A%252CcM9IWcHJHZXIyM%252C%253BYRDv8wVuOT2zsM%253A%252CqMfsVoinQOKN1M%252C%253BDeKbN_GY5pOM%253A%252CI1W0X4cuaN55-M%252C%253BKxUMvN4sRsq-TM%253A%252CcM9IWcHJHZXIyM%252C%253B2RvJIYGsGq2KjM%253A%252CNh6C8EAoFjimiM%252C%253BnPh3bcWDgPqv7M%253A%252CWcFrplAL9MWXqM%252C%253BusdtCInDV9YI2M%253A%252Cs1KVIUtIXHYwYM%252C%253BHjFUHGpvKnkLOM%253A%252Cq8SLuSQp2NLdhM%252C%253BbWuSCjuSDfnlCM%253A%252Cq8SLuSQp2NLdhM%252C&u sg=_eQg-nfUXD66DWGB7QVHgg7VMp8%3D&sa=X&ved=0ahUKEwjHkInKvb7bAhUBK48KHfpZBT8Q420IXQ&biw=360&bih=560&dpr=3#imgrc=KxUMvN4sRsq-TM:)
- <http://www.kinkylittleboots.com/gallery/in-pictures-varun-dhawan-helps-clean-juhu-beach-on-world-environment-day/>
- <https://www.nagpurinfo.com/news/entertainments/mumbai-varun-dhawan-at-save-the-beach-cleanup-drive#>
- <http://www.asianage.com/photo/entertainment/060618/varun-jacqueline-daisy-lend-support-to-causes-on-world-environment-day.html>
- <http://www.dailyhawker.com/entertainment/varun-dhawan-at-the-beach-clean-up-drive-in-juhu-on-the-occasion-of-world-environment-day/>
- <https://images.google.co.in/imgres?imgurl=https%3A%2F%2Fpbs.twimg.com%2Fmedia%2FDe9K1HJUyAEOBJO.jpg&imgrefurl=https%3A%2F%2Ftwitter.com%2FANI%2Fstatus%2F1004103597104099328&docid=q8SLuSQp2NLdhM&tbnid=yNGBy0ybYlpm2M%3A&vet=1&w=1200&h=692&source=sh%2Ffx%2Fim>
- [https://m.hindustantimes.com/bollywood/varun-dhawan-dia-mirza-support-environment-causes-close-to-their-hearts-see-pics/story-G1Z7d7CcGwLe4Xp6uvHdvM\\_amp.html](https://m.hindustantimes.com/bollywood/varun-dhawan-dia-mirza-support-environment-causes-close-to-their-hearts-see-pics/story-G1Z7d7CcGwLe4Xp6uvHdvM_amp.html)
- <https://m.filmfare.com/photos/varun-dhawan-comes-out-for-a-clean-up-drive-on-world-environment-day-28683.amp>
- <https://www.missmalini.com/2018/06/05/varun-dhawan-celebrated-world-environment-day-by-kick-starting-the-juhu-beach-clean-up-drive/amp/>
- <http://www.bollywoodhungama.com/amp/news/parties-and-events/varun-dhawan-participates-beach-clean-drive-juhu/varun-dhawan-participates-in-the-beach-clean-up-drive-in-juhu-1/>
- <https://www.pinkvilla.com/entertainment/photos/varun-dhawan-jacqueline-fernandez-and-daisy-shah-attend-world-environment-day-events-414948>

# Apro Greentech Media Articles

- <https://m.indiatimes.com/entertainment/celebs/not-just-beach-cleanup-varun-dhawan-also-launched-a-plastic-recycle-machine-on-environment-day-346858.html>
- <https://swachhindia.ndtv.com/world-environment-day-varun-dhawans-message-21055/>
- <https://m.timesofindia.com/entertainment/events/mumbai/varun-dhawan-joins-mumbaikars-in-a-clean-up-drive/articleshow/64476435.cms>
- [https://hamaraphotos.com/photo\\_-1822712.html](https://hamaraphotos.com/photo_-1822712.html)
- the better India 7<sup>th</sup> June 2018 : <https://www.thebetterindia.com/144345/news-juhu-plastic-bottles/>
- sashwat magazine : <http://www.grihaindia.org/shashwat-magazinehttp://grihaindia.org/files/shashwat/2018/sustainable-habitat/mobile/index.html#p=86>
- hindu business line : 13.04.19 : <https://www.thehindubusinessline.com/todays-paper/tp-cleantech/article26255018.ece>
- [https://www.pressreader.com/@nickname11184650/csb\\_sfNhQlBA3CGibMtGH8VUjWjcaQNdUCmsVFiY7mBjV04INzdxSO6GLTE-PLIbLoEo](https://www.pressreader.com/@nickname11184650/csb_sfNhQlBA3CGibMtGH8VUjWjcaQNdUCmsVFiY7mBjV04INzdxSO6GLTE-PLIbLoEo)



Apro GreenTech

| Greening the Impossible |

[www.aprogreentech.in](http://www.aprogreentech.in)

THANK  
YOU