

LOOKING AT THE CURRENT SCENARIO OF THE CAPITAL OF INDIA- DELHI, THE WHOLE WORLD IS TAKEN ABACK. The recent AQI levels of Delhi and the areas around it like Ghaziabad, Noida etc. surprised everybody. It is a matter of sheer stress and serious attention has to be drawn to this issue. The environment is one thing that requires ample consideration all around the world but if we look in India, Delhi is currently most endangered. What can be done to save the surroundings from deteriorating even more in and around Delhi? Examining the reasons that caused this destruction, we come to a conclusion that it is somewhere or the other related to fuels, burning and co2 emissions. To combat these evils, one thing that surely can be done is replace the old energy sources by new and alternative sources of energy like the Solar energy. The scope of solar energy is simply huge and it is time for us to harness the Sun's energy for maximum benefit of the Earth itself. WHY EVERY RESIDENT SHOULD LOOK TO GO WITH ROOFTOP SOLAR NOW? OR WHY NOW IS THE BEST TIME TO INVEST IN A SOLAR PV SYSTEM IN DELHI?

1. Within the last decade, Delhi's electricity demand rose by an average 6% every year. From 20 billion units in 2002, the demand in all likelihood will reach over 33 billion units by 2017, a 65% growth. This poses a fundamental question of how to ensure a consistent electricity supply. And Solar is the most abundant and convenient way to assure proper electricity supply.
2. As the capital and second richest state in the country, Delhi is in a very good position to take the lead in transitioning to a decentralized, sustainable energy standard. It is affordable and important at the same time. Can there be a more reasonable combination as to why should solar be installed?
3. Solar, as a locally available, environmentally friendly and increasingly viable source of power can provide Delhi with an attractive long-term power supply option, reducing the city's reliance on power imported from other states (more than 70% of Delhi's power comes from outside the state) and fossil fuels (more than 50% of Delhi's power comes from coal generation).
4. The total area of Delhi (only the NCT) is 1,483 km². If such an area were unused and exclusively available for solar installations, it could support 123 GW of installed capacity which, at peak power production, would be more than 20 times Delhi's expected peak power demand of 6 GW for 2013 and more than half of India's installed capacity in 2013 of 215 GW.
5. By focusing on energy security, cleaner energy and job creation, the Delhi government can project itself as a progressive administration. The aggressive adoption of solar can enable Delhi to take up the role of a green leader and set an example for other states as it did in the case of Compressed Natural Gas (CNG).
6. As per the World Health Organization's (WHO) data, covering 1,000 cities in 91 countries, Delhi is the 12th most polluted city in the world. The respirable suspended particulate matter (RSPM) and the concentration of Nitrogen Oxide (NOx) are above permissible levels. This in turn has led to an increase in the number of respiratory disorders and cases of hypertension. It is important for the government to make a gradual shift to a cleaner source like solar to improve the health parameters of its residents.
7. Delhi's electricity consumers can be divided into four categories: commercial, industrial, residential and government. Together, these customer groups can accommodate 2.5 GW of solar on their rooftops. This is huge! Why shouldn't we utilise this?
8. While power prices in Delhi have kept quite constant between 2005 and 2011, they have increased steeply since 2011. So, installing Solar panels can help you save your wallet too! It is a one-time investment.

We believe that going solar is not so much a choice but an inevitability for Delhi.

