## Former Indian President Says

## Lift Two Billion Poor Harvest Solar Energy in Space



A message to the G20 from Dr. A.P.J. Kalam

Two billion people worldwide go without electricity. The result? Poverty. Low life expectancy. Misery.





Reaching all of them by building traditional landline power grids would cost trillions.



We've been harvesting solar power in space and transmitting it to earth for over fifty years, since the first commercial satellite, Telstar, went up in 1962.

Today solar power harvested in space gives you Gps, the Internet, continent-to-continent calls on your cell phone, satellite TV, satellite radio, and Google Maps. It's the basis of a quarter of a trillion dollar industry—the commercial satellite business.





Now it's time to scale up.



Fossil fuels have done extraordinary things to uplift the advanced nations. But they have left us with huge greenhouse gas and global warming risks.



And they have caused energy wars in the Middle East. Now they threaten us with conflict over energy beneath the floor of the South China Sea.





What if there were an energy source that produced no greenhouse gasses and could reach even the most remote corners of the earth?



What if there were an energy source that could end energy wars?



What if there were an energy source that was endless?



There is. It's solar power harvested in space.



Solar power harvested in space is base-load power, power that's steady twenty four hours a day and seven days a week. Solar power harvested in space is the kind of energy that existing power grids demand.

Solar power harvested in space is not stopped by clouds or night. It does not halt when the wind dies.





Solar power in space is close to infinite. As long as there is a sun, it will not run out.



Space solar power can be received by simple wire antennas, wire antennas that can be erected in remote locations, wire antennas under which cows can graze and crops can be raised.



Says India's eleventh president, Dr. A.P.J. Kalam, ""Clearly our planet has to be livable before it can be prosperous, and it must be both livable and prosperous before it can be peaceful." Dr. Kalam explains that solar power harvested in space is the path to this livability...and the path to growth for even the poorest nations. That's why Dr. Kalam has embarked on a five-year international crusade to make you aware of space solar power's potential.



Dr. Kalam, president of India from 2002-2007, is a rarity in global politics. He has been voted one of the two most trusted men in a country that is deeply suspicious of its politicians. Because of his astonishing grassroots popularity, Dr. Kalam is known as "the People's President." But that's not all. Dr. Kalam is revered for his scientific and engineering achievements, including fathering the rockets that have launched sixty Indian satellites into space, satellites like the Chandrayaan mission that mapped the moon for nine months from 2008 to 2009, then smacked the surface of the moon with a probe.

Dr. Kalam was awarded America's highest engineering prize, the Hoover Medal, for using space technology to bring state-of-the-art health care to ordinary Indian citizens, including the citizens of remote rural areas.

He knows how to use technology to lift the poor.

Explains Dr. Kalam, "humanity needs a great vision to forget all its conflicts and move towards a common goal of peace and prosperity." Concludes Dr. Kalam, a global alliance to harvest solar power in space is that vision, a vision that will raise your nation's GDP and will accomplish one more tiny thing. It will bring "a new era of peace, prosperity and abundance for all mankind."

