

SPACE POWER SYMPOSIUM (C3)

Poster Session (P)

Author: Mr. Nirmal kumar Mallavarapu
SRM University, kattankulathur, chennai, India, nirmal_mallavarapu@yahoo.com

SPACE BASED SOLAR ENERGY PRODUCTION SYSTEM

Abstract

as the world progressed into tremendous scientific and technological advancements ,they are people still living in darkness and not able to enjoy the fruits of scientific advancements, due to production costs and transportation of electricity to various remote areas , but if we can reduce the cost of production by cutting down the usage of resources and purely solar energy with a token of initial cost setup which would promise stability to the future generation, we would achieve this by using a space based satellites Solar energy production system, by converting solar energy into microwaves and transmitted to the ground station, where microwaves are converted into electricity. We believe usage of these system will reduce humankind problems and further the cause of greener earth by using a cluster of satellite and ground stations