

# SOLAR VORTEX

@ MASDAR CITY OASIS



## CARBON-FREE ENERGY IMPACT



**SOLAR VORTEX**  
**390 GWh**  
ANNUAL CAPACITY

THE TOTAL MASDAR CITY AREA IS ABOUT 6,000,000M<sup>2</sup>, WHILE THE GROSS FLOOR AREA OF MASDAR CITY DEVELOPABLE LAND COMPRISES OF 4,000,000M<sup>2</sup>.

SOLAR VORTEX OFFERS THE CAPABILITY TO POWER THE MAJORITY OF MASDAR CITY BY HARNESSING THE SUN ENERGY AND DEPLOYING CARBON-FREE CLEAN FUSION ENERGY

## ECONOMIC IMPACT



SOLAR VORTEX POWER GENERATOR FACILITY AND PARK WOULD PROVIDE 1,000 JOBS AT THE PEAK OF CONSTRUCTION, 100 PERMANENT JOBS, AND TOTAL ECONOMIC BENEFITS OF \$2 BILLION.

BEYOND THE CLEAN RENEWABLE ENERGY PRODUCTION, THE PARK WILL BECOME A MAJOR URBAN AMENITY AND DESTINATION THAT WILL ATTRACT MORE INVESTMENT AND DEVELOPMENT ON THE SURROUNDING AREAS

## ENVIRONMENTAL IMPACT



THE SOLAR VORTEX THAT COMBINES CONCENTRATED SOLAR THERMAL POWER WITH INTEGRAL MOLTEN SALT REACTOR, GIVES AN ALTERNATIVE SOLUTION TO THE NEED OF IMMENSE ENERGY GENERATION IN FORM OF AFFORDABLE ULTRACOMPACT MOLTEN SALT REACTOR THAT COULD SERVE THE LARGER PART OF THE WORLD TO BE TOTALLY INDEPENDENT OF FOSSIL FUELS.