

# Impact of COVID-19 on Global Concentrated Solar Power Market by Capacity Type (

## Abstracts

### Product overview

Concentrated solar energy consists of electricity produced by means of mirrors to focus the rays from the sun between 500 and 1,000 °C. In many different applications, this power is then usually used, such as boiling liquids, primarily water or oil that generate hot or steam. The produced steam is used for driving electricity-generating turbines powers a generator. There are various types of mirror forms and solar panel methods for providing useful energy, but they all operate according to the same concept of driving a heat engine for electricity to be injected into the network. Concentrated solar energy is therefore a source of power that is free from carbon and ideally suited to heavily radiated nations.

### Market Highlights

Fatpos Global anticipates the concentrated solar power market to surpass USD XX Billion by 2030, which is valued at XX billion in 2019 at a compound annual growth rate of XX%. According to the report, increasing the emissions of the atmosphere and offering policy incentives and tax rebates for the installation of concentrated solar panels at residential as well as commercial places contribute to the growth of concentrated solar power. Furthermore, the decline in solar-powered water footprint has increased their demand for power generation. Due to the growth of roof facilities and the growing use of the vehicular market, the market for solar cells has become more and more attractive. The market for parabolic troughs and concentrated solar towers is projected to increase the market for concentrated solar carports systems in electricity generation.

Source: Fatpos Global

### Concentrated Solar Power Market: Segments

Global Concentrated Solar Power market has been segmented based on application and by capacity. It has been further segmented based on region into North America, Europe, Asia-Pacific, Mid East, and Africa.

By Application Type (in %), Global Concentrated solar power Market, 2019

In 2019, the Power Towers segment dominated the global Concentrated Solar Power market.

Global concentrated solar power market is segmented by application type into: Stirling Dish, Concentrating Systems, and Power Towers. The solar tower division is poised to lead by technology, from 2019 to 2030, in the concentrated solar energy industry. Owing to the greater temperatures, the solar power tower sector is increasingly productive and decreases the water usage to refresh the condenser thus driving the segment growth. For the expected generation of electricity, the higher temperature requires thermal energy storage. Thus, increased use of solar towers due to cost reduction or increased storage at the same cost is anticipated to accelerate the segment of solar energy towers at the highest speed during the projection timeframe.

By Capacity (in %), global Concentrated solar power Market, 2019

100Mega Watt & above accounted for XX% of the global volume in 2019 and is anticipated to dominate the market in the forecasted period

Global Concentrated solar power market is segmented by capacity:

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