The Global Energy Challenge in India

September 10, 2019

IGC India Research Conference

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India’s Energy Consumption is Projected to Grow...

Primary Energy Consumption (billion toe)

Source: BP Energy Outlook 2019
Fossil Fuels Cause Particulate Air Pollution
Particulate Air Pollution Concentrations are High In India, Especially in the Northern Belt
Particulates Air Pollution Reduces Average Life Expectancy by 4.3 Years in India
India Will Face Higher Temperatures Due to Climate Change

Goal III: Mitigate the Probability of Disruptive Climate Change

Expected Number of Days in Year

Daily Temperature (degrees Celsius)

2020
Mean: 26°C
Median: 27°C
Days > 32°C: 36

2050

2100

Source: Climate Impact Lab
India Will Face Higher Temperatures Due to Climate Change

Mean: 27°C
Median: 28°C
Days > 32°C: 53

Source: Climate Impact Lab
India Will Face Higher Temperatures Due to Climate Change

2100
Mean: 29°C
Median: 30°C
Days > 32°C: 107

Source: Climate Impact Lab
Projected Full Mortality Risk in India in 2100 Due to Climate Change
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