

Energy Production
Prediction
Methodologies

Reason for wind
power forecasts

Sorting the
problems in
Wind Turbine

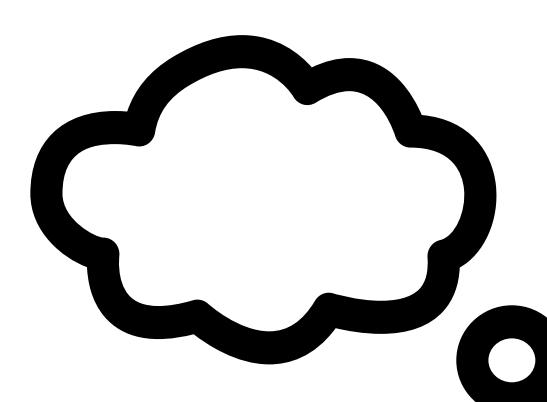
Predicting wind
speed &
wind direction

Virtual approach
to wind power
forecasting

Theoretical
power curve
and weather
conditions

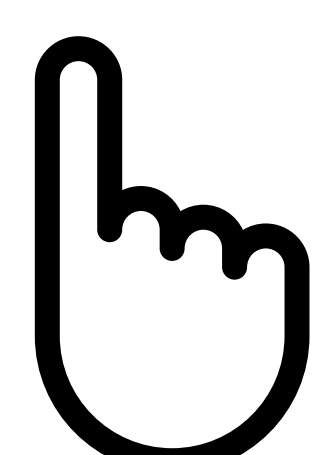


Says

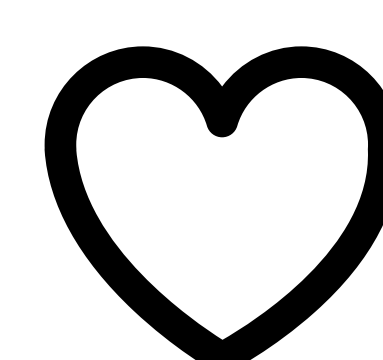


Thinks

Does



Feels



Turbine Output
Prediction

The predictions
cannot be
always
accurate

Better
structural
dynamics

Data collection on
Weather
Conditions

Data analysis
takes more
time

Climate
change is
unpredictable