

# Progressive Centralised Lubrication System



Apraava Energy initiated the replacement of existing 'single point lubricators' on 10 wind turbine generators at Khandke Wind Farms with 'progressive' Centralised Lubrication System (CLS).

Lubrication points that are difficult to reach can be lubricated through progressive CLS ensuring that the hidden lubrication points are not missed. Single point lubricators require 22 lubricating cans on a half-yearly basis. Therefore, 44 cans will be replaced annually on each wind turbine generator which will reduce significant amount of contaminated waste cans.

### Impact created:



Reduction in generation of waste (contaminated waste cans)



Cost savings due to reduced lubricant consumption



Positive impact on the life of rotating parts by avoiding both 'over & under' lubrication



Reduction in maintenance efforts



Installed CLS system in Spinner Area of WTG