AP Wind Curtailment Vs Deviation 300 Frequency in range 49.90 to 50.05 Grid Frequency Less than 49.90 Grid Frequency Greater than 50.05 200 100 Deviation in MW -200 -300 X -400 × + -500 -600 50 100 150 200 250 300 350 400 450 500 550 600 650 700 750

Curtailment in MW

APWind Curtailment Vs AP ISTS Deviation 300 Grid Frequency Greater than 50.0 Hz Grid Frequency Less than 50.0 Hz 200 100 X 0 Deviation in MW -200 × • X -300 X × • × -400 X × X X -500 X -600 50 100 150 200 250 300 350 400 450 500 550 600 650 700 750 Curtailment in MW

Grid Frequency Vs AP ISTS Deviation at times of Wind Curtailment 300 Size represents Wind Curtailment in MW 200 100 0 Deviation in MW –200 -300 **-**400 -500 -600 49.85 49.95 50.00 49.80 49.90 50.05 50.10 50.15 50.20 Frequency in Hz

Grid Frequency Vs AP Wind Curtailment **Underdrawal Points Overdrawal Points** 700 650 600 550 500 Curtailment in MW 400 350 300 250 200 150 100 50 49.80 49.85 49.90 49.95 50.00 50.05 50.10 50.15 50.20 Frequency in Hz

Grid Frequency Vs AP Wind Curtailemnt

