Discussion Group T20: Torsional Monitoring

Leaders:
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- Thomas Eldridge (Shell)
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Suggested Topics:
- Recent Torsional Related Incidents
  - Torsionally Induced Coupling Slips and Failures
  - VFD induced torsional failures
  - Other Incidents
- Contractual Requirements
  - FAT measurement, Commissioning measurement, or Continuous Monitoring?
  - End user mandates of torsional verification – What’s Important?
    - Verify Natural frequency?
    - Verify Separation Margin?
    - Verify Absence of Destructive Excitation Sources?
- Torsional Measurement
  - Mean torque vs dynamic torque measurement
  - Measurement Devices currently available
    - Permanent vs Temporary
    - Frequency vs Amplitude and Frequency
  - Development Efforts