

Fig 2a: Supply Flow Rates for Pitch Ram at 20", 1.5" Cyl Diam, .75" Rod Diam)

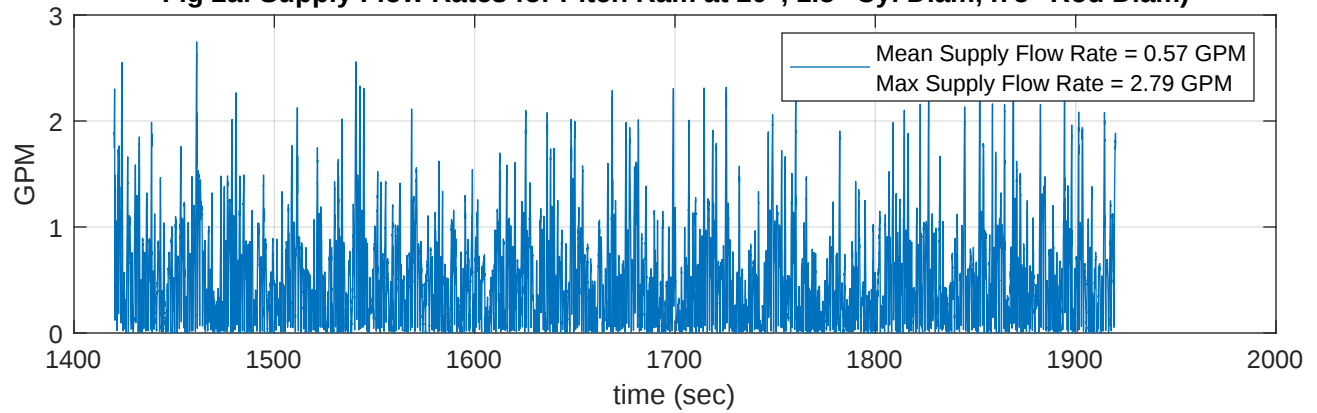


Fig 2b: Hydraulic Power supplied to valve manifold (supply pressure times flow rate)

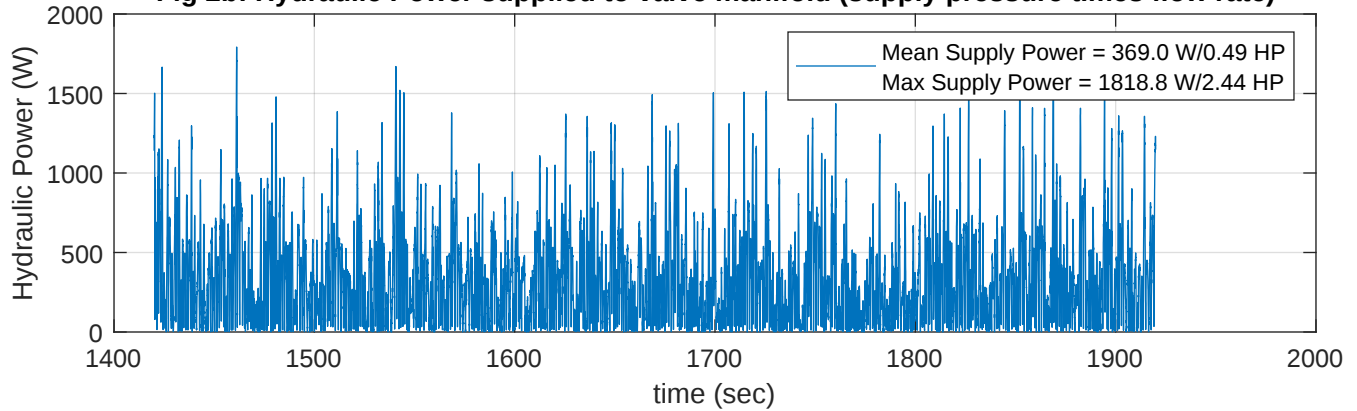


Fig 2c: Shaft Torque required of electric motor at 2400RPM and 50% eff Hyd Pump

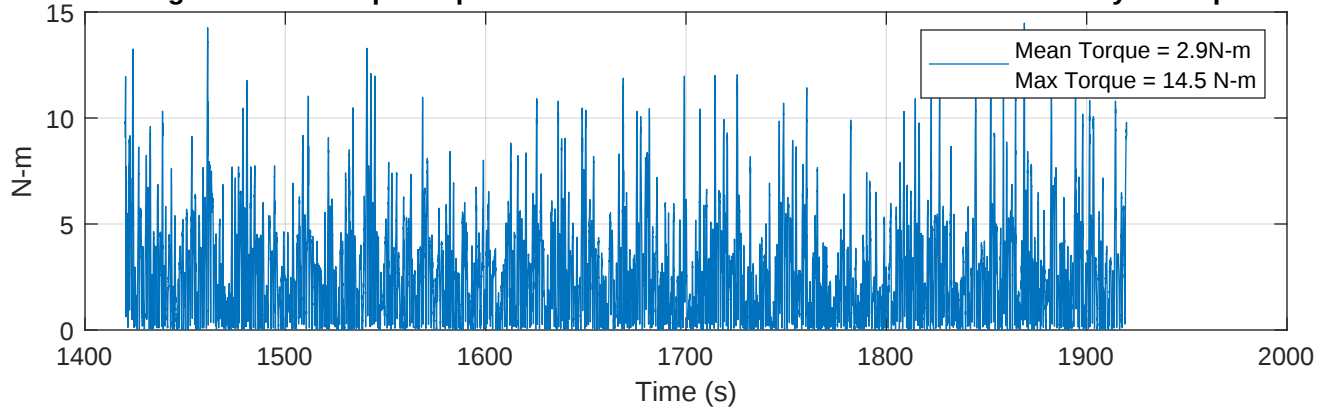


Fig 2d: Motor Current required by electric motor at 2400RPM, 36Volts, and 60% eff Elec Motor

