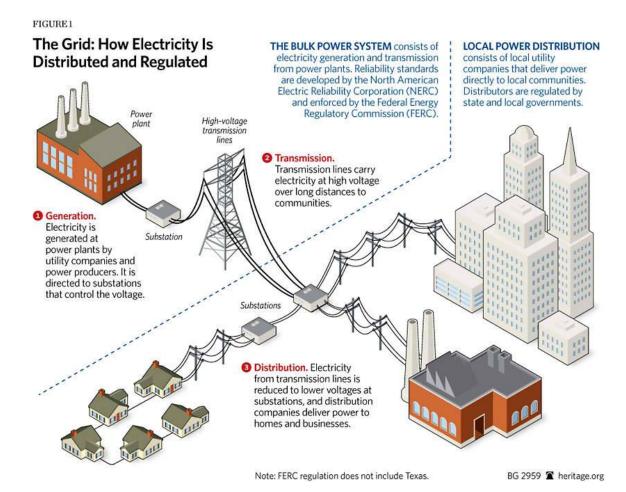


Power Systems – An Overview

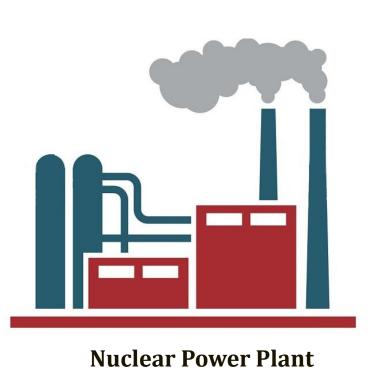
Dr. Abeer Almaimouni



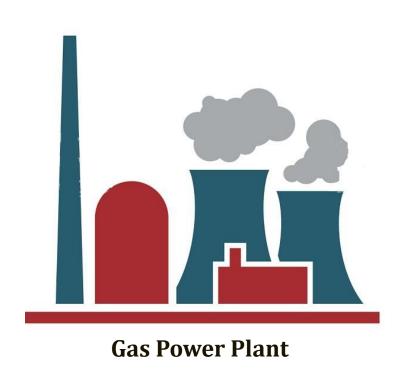
Structure of Power Systems



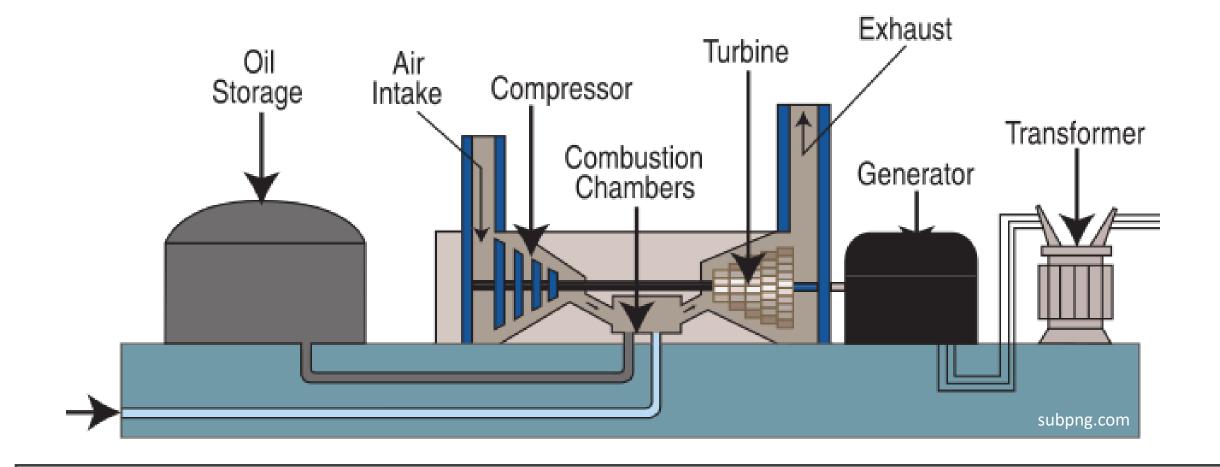
inmostcity.com



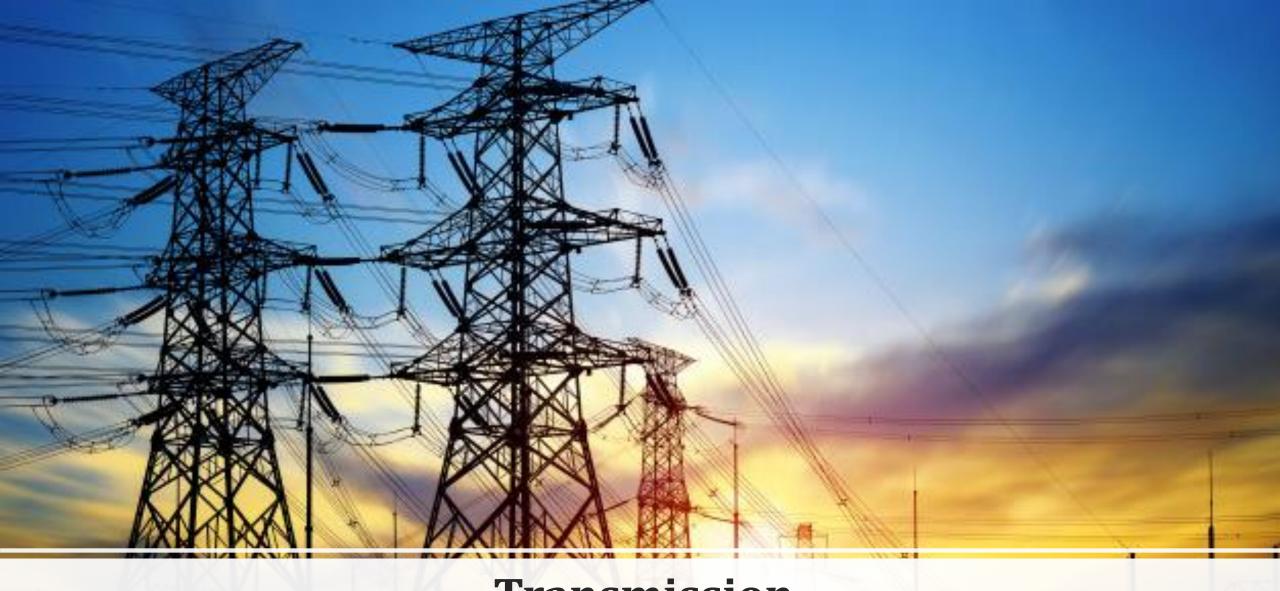




Generation - Thermal Power Plants



A Conventional Power Plant

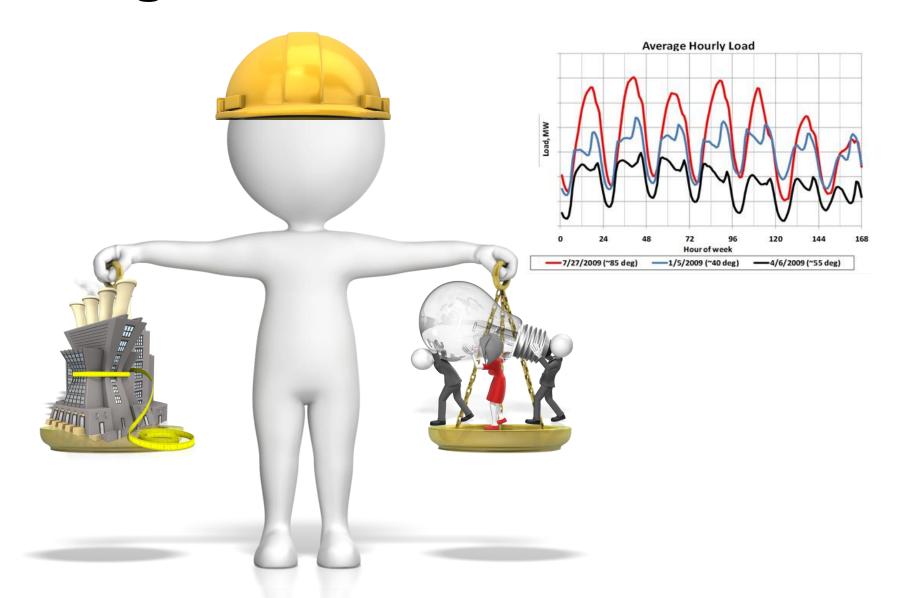


Transmission

Reliability



Upholding the Delicate Balance



Making Electricity Accessible and Affordable

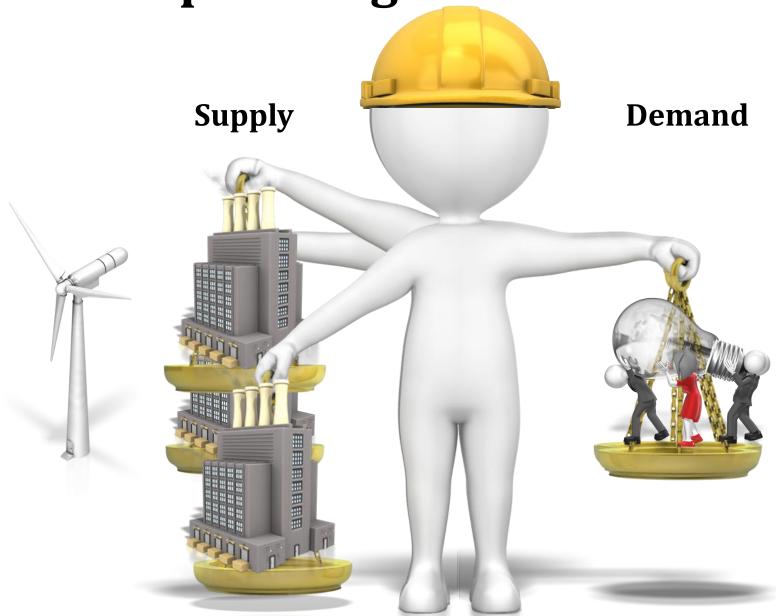


Making Electricity Accessible Affordable and Green





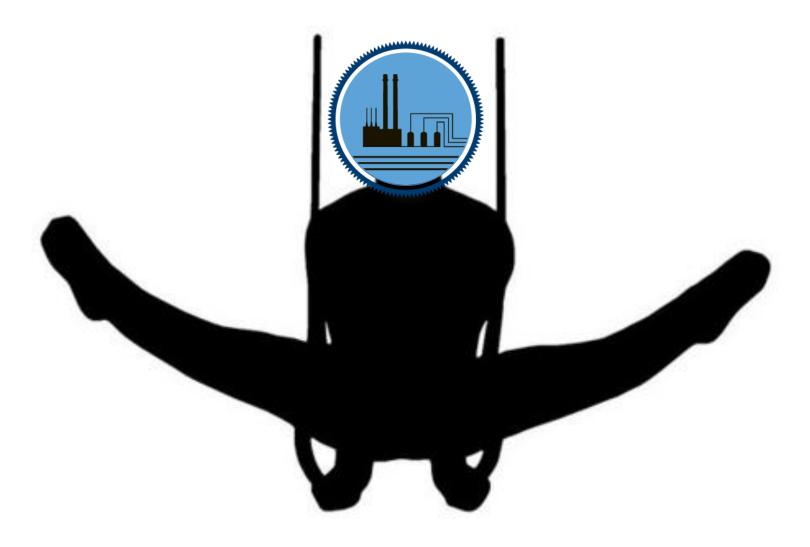
Upholding the Delicate Balance



Upholding the Delicate Balance



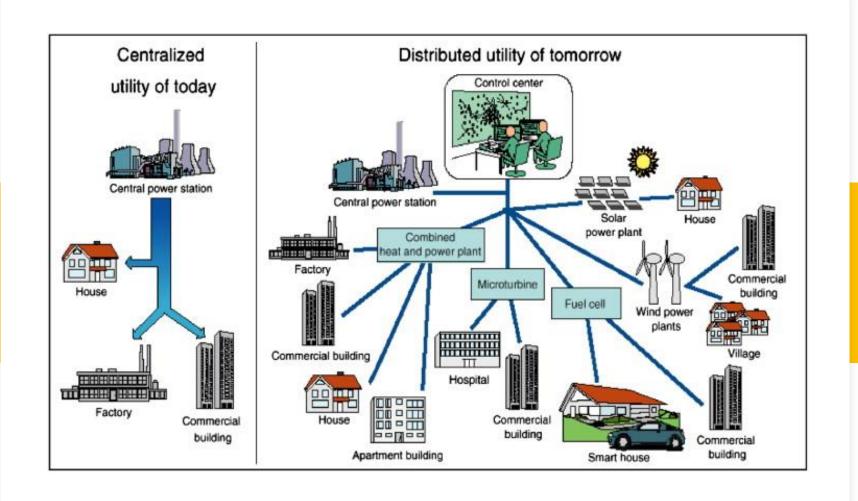
Operational Flexibility





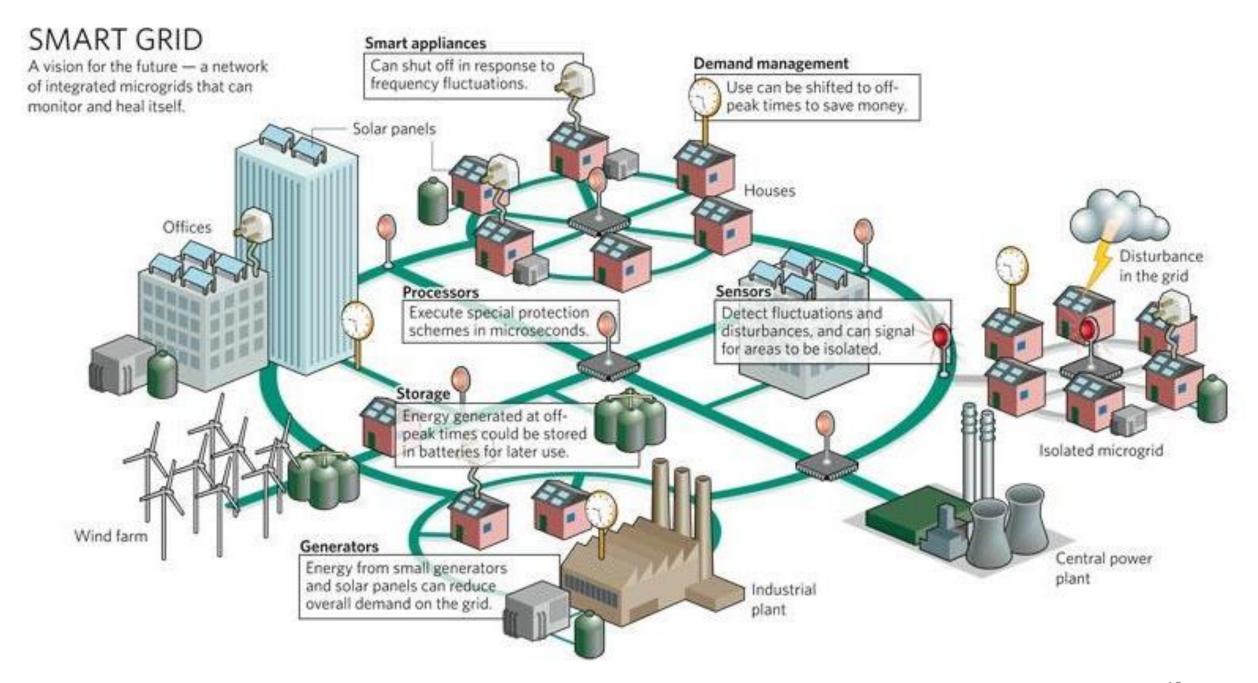
Electric Storage-Batteries





Distributed Generation

R. Viral & D.K.Khatod^{1,} "Optimal planning of distributed generation systems in distribution system: A review", <u>Renewable and Sustainable Energy Reviews</u>, Volume 16, Issue 7, September 2012, Pages 5146-5165







Can we still keep the lights on?