

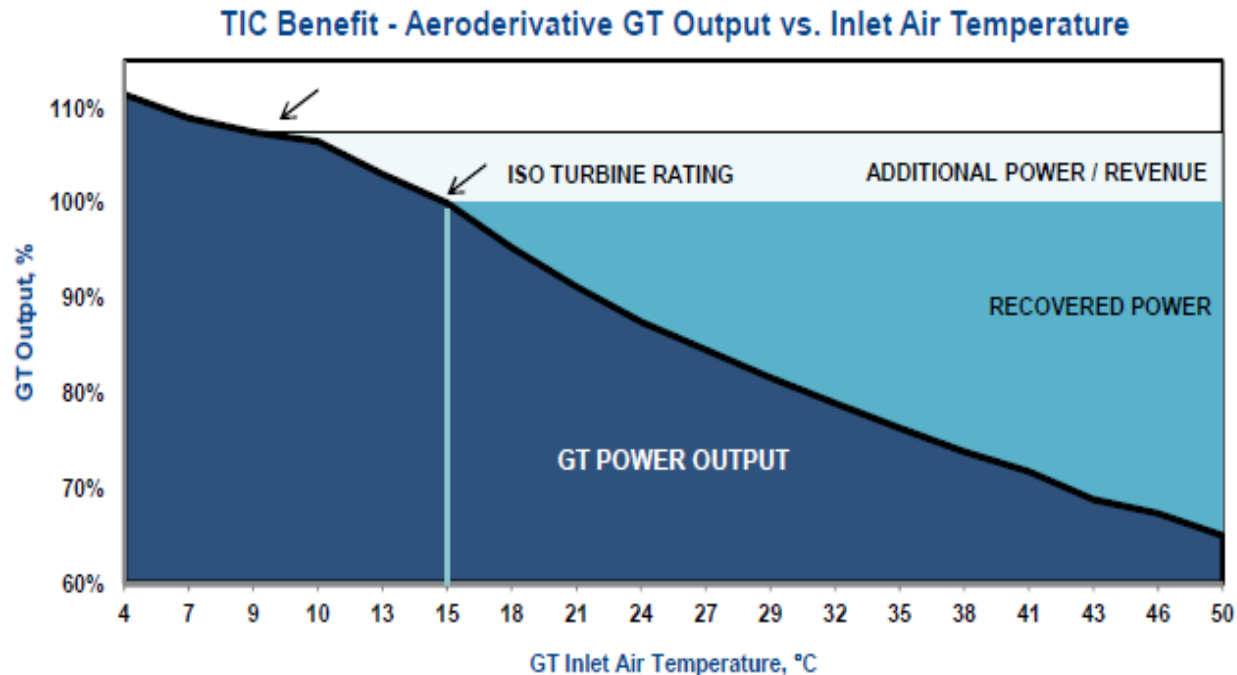


GT Inlet Chilling (TIC)



Gas Turbine Inlet Air Chilling

The fundamentals of the gas turbine are such that on a hot day the gas turbine loses output and operates less efficiently. The irony here is that it is during hot day ambient conditions when you need the most power!



Advantages of GT Inlet Chilling

- Produces “hidden” MWs with existing assets
- Adds significant flexibility to operations
- Maintains ideal gas turbine air temperature
- Allows for arbitraging night time power pricing for day time peak pricing with thermal storage capability
- Eliminates weather risk
- Provides emissions predictability
- Provides opportunity to offset degradation
- Achieves all of the above with lower non-fuel O&M costs





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GT Output Improvement in Certain GT Models

