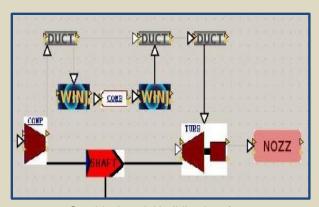


CycleDeck_o A Gas Turbine Simulation Program

A First Principle Thermodynamic Model OEMs Use Models, Why Shouldn't You!



Graphical model building interface.

GTModel - 7x04.mdl File Edit View Config Help Description Detail View Model Results 🔳 INLT0 DUC Summary gross_outpu oss heat rate 7804.98 8303.22 8191.09 63327.97 63493.21 61701.98 fuel_flow_sum gen losses 3611.01 7969.84 3447.11 8480.92 3408.18 t_heat_rate 8367.05 8173.26 23870.89 23870.89 158660.3 170957.09 161074.16 153442.16 21515.0 21515.0 21515.0 959.81

User friendly Excel format.

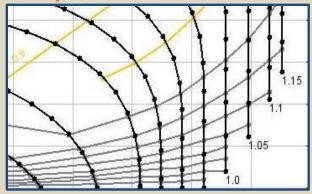
Applications

- Gas Turbine or Combined Cycle.
- Match to turbine's specific health.
- Integrates Control Scheduling.
- Conduct "What If" Studies.
- Base and Part Load Capable.

Benefits

- Off-design Models.
- Predict Performance.
- Vary Ambient Operation.
- Days Ahead Fuel Purchases.
- Dispatch Generation Tool.
- Emissions Credit Predictions.
- Compressor and Turbine Mapping Functionality.

Uses Maps, NOT Correction Curves!



Correction Curves are ineffective due to uncertainty, hardware changes, performance changes and variance in reference conditions.

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