



	HPT, BF=0.5	LPT, BF=1.0
CS	87.64%	88.81%
1st	88.17%	91.10%
2nd	84.63%	89.19%
3rd	77.77%	83.56%
4th	—	85.87%
L-0 A	—	63.87%
L-0 B	—	63.87%
L-0 C	—	63.87%

GROSS GENERATOR OUTPUT
1518.5 MW
AT 0.90 POWER FACTOR AND
RATED H₂ PRES
75.00 PSIA H₂ PRESSURE
7451 kW MECH. LOSSES
14170 kW ELEC. LOSSES

Gross Power: 1518.5 MW
NSSS Power: 4161.7 MWt

VVO 0.0%MU ENGLISH

P - Pressure, psia
F - Temperature, F
H - Enthalpy, Btu/lbm
- Flow Rate, lbm/hr
x - Quality
MW - Megawatts
MWs - Megawatts Shaft
MWt - Megawatts Thermal
B - British Thermal Units
kWh - Kilowatt Hours

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- Notes:
1. Unless specifically noted, flow rates are totals for parallel trains.
 2. Only one LP Turbine is included in the heat balance model except for the last stage which is modeled seperately for the three trains.
 3. All outflows to 'CND' return to the Condenser
 4. Indicated flow paths are representational from a thermodynamic perspective. For component and equipment evaluations, the flows within the cycle may include parallel paths or more detailed configurations and should be based on actual system routing (P&IDs)

PEPSE Version
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