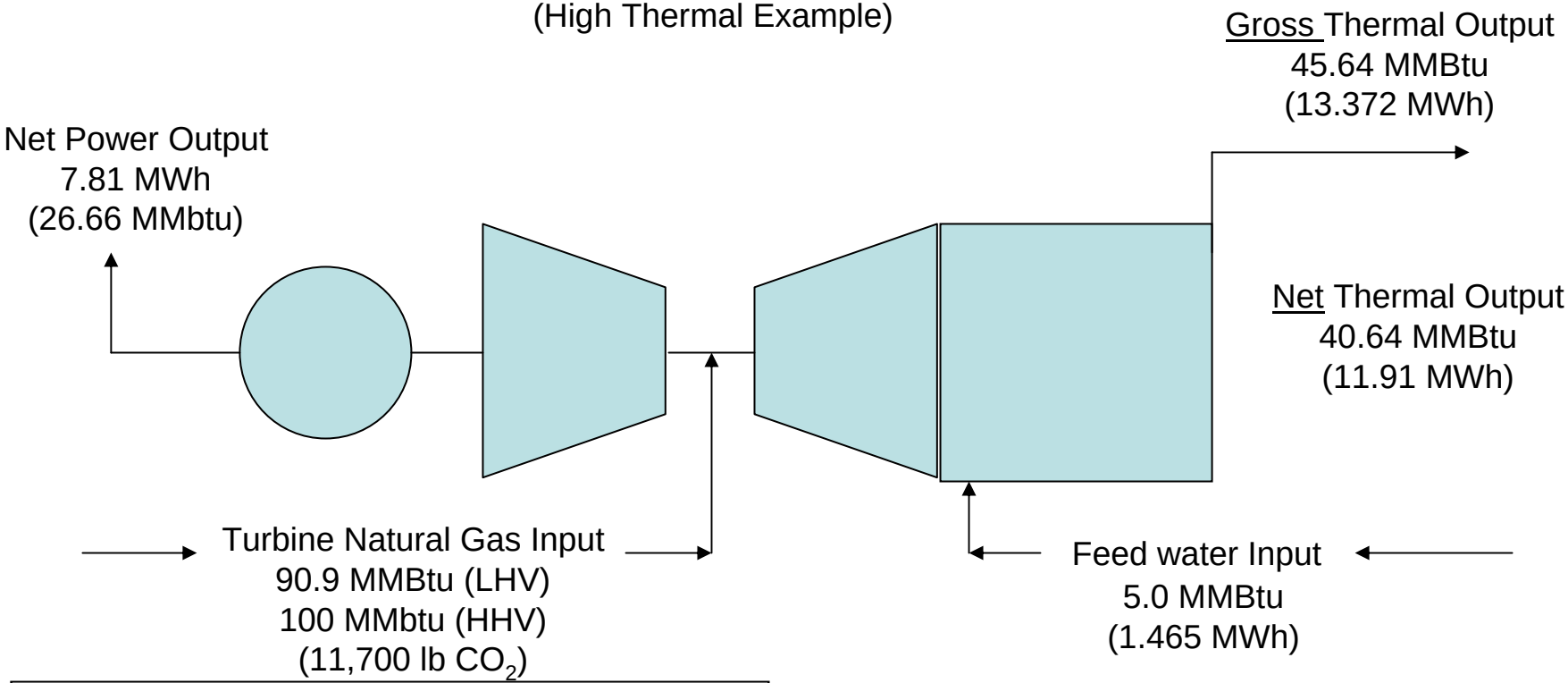
COGENERATION FACILITY
Heat and Mass Balance
GHG Implementation
(High Thermal Example)



SB 1368 GHG EPS Calculation

$$\frac{100 \text{ MMBtu} * 117 \text{ lb } CO_2/\text{MMBtu}}{(7.81 \text{ MWh} + 11.91 \text{ MWh})} = 593 \text{ lb } CO_2/\text{MWh}$$

AB 32 Implementation

CPUC Conversion Method - Allocation to Elect

593 lb CO_2/MWh * 7.81 MWh = 4,631 lb CO_2

Balance of CO_2 allocated to Thermal

11,700 lb CO_2 – 4,631 lb CO_2 = 7,069 lb CO_2