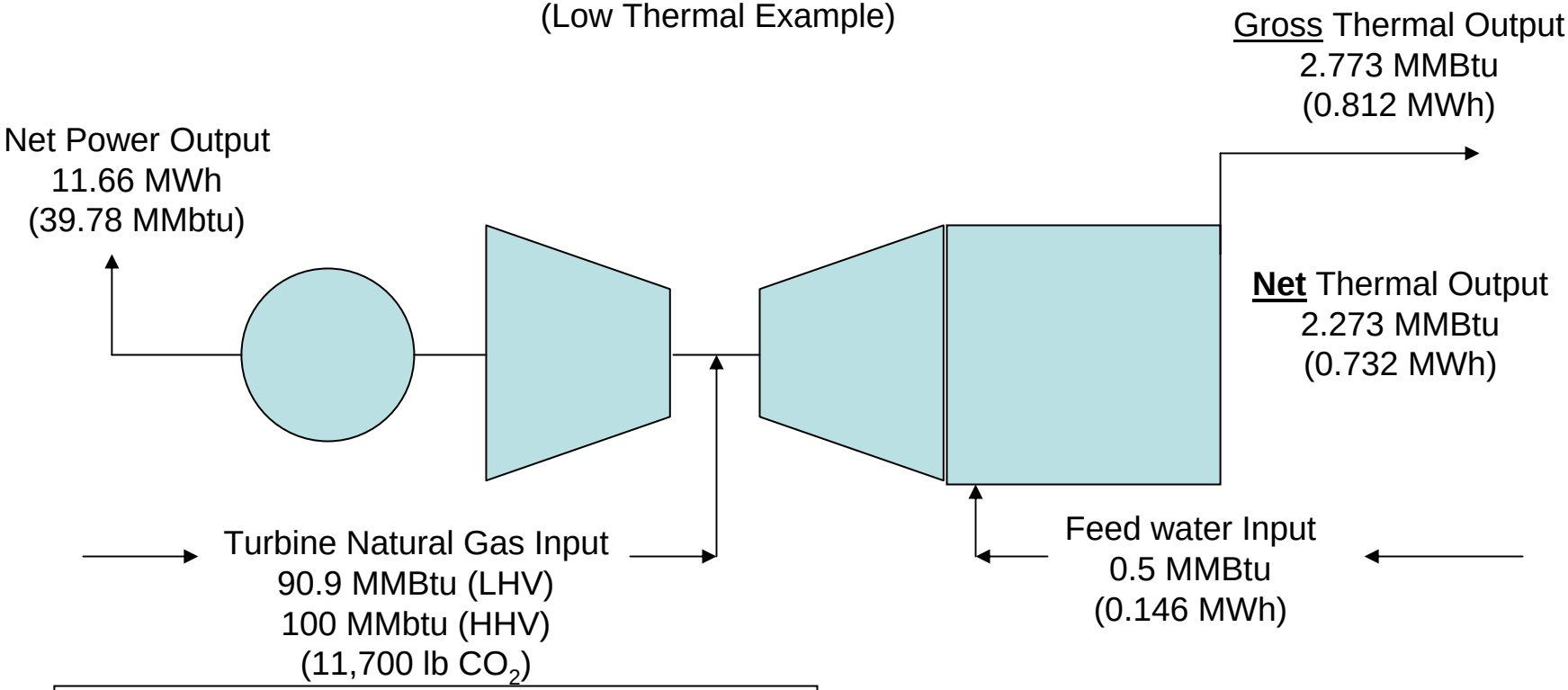
COGENERATION FACILITY
Heat and Mass Balance
GHG Implementation
(Low Thermal Example)



SB 1368 GHG EPS Calculation

$$\frac{100 \text{ MMBtu} * 117 \text{ lb } CO_2/\text{MMBtu}}{(11.66 \text{ MWh} + 0.732 \text{ MWh})} = 944 \text{ lb } CO_2/\text{MWh}$$

AB 32 Implementation

CPUC Conversion Method - Allocation to Elect

944 lb CO_2/MWh * 11.66 MWh = 11,007 lb CO_2

Balance of CO_2 allocated to Thermal

11,700 lb CO_2 – 11,007 lb CO_2 = 693 lb CO_2