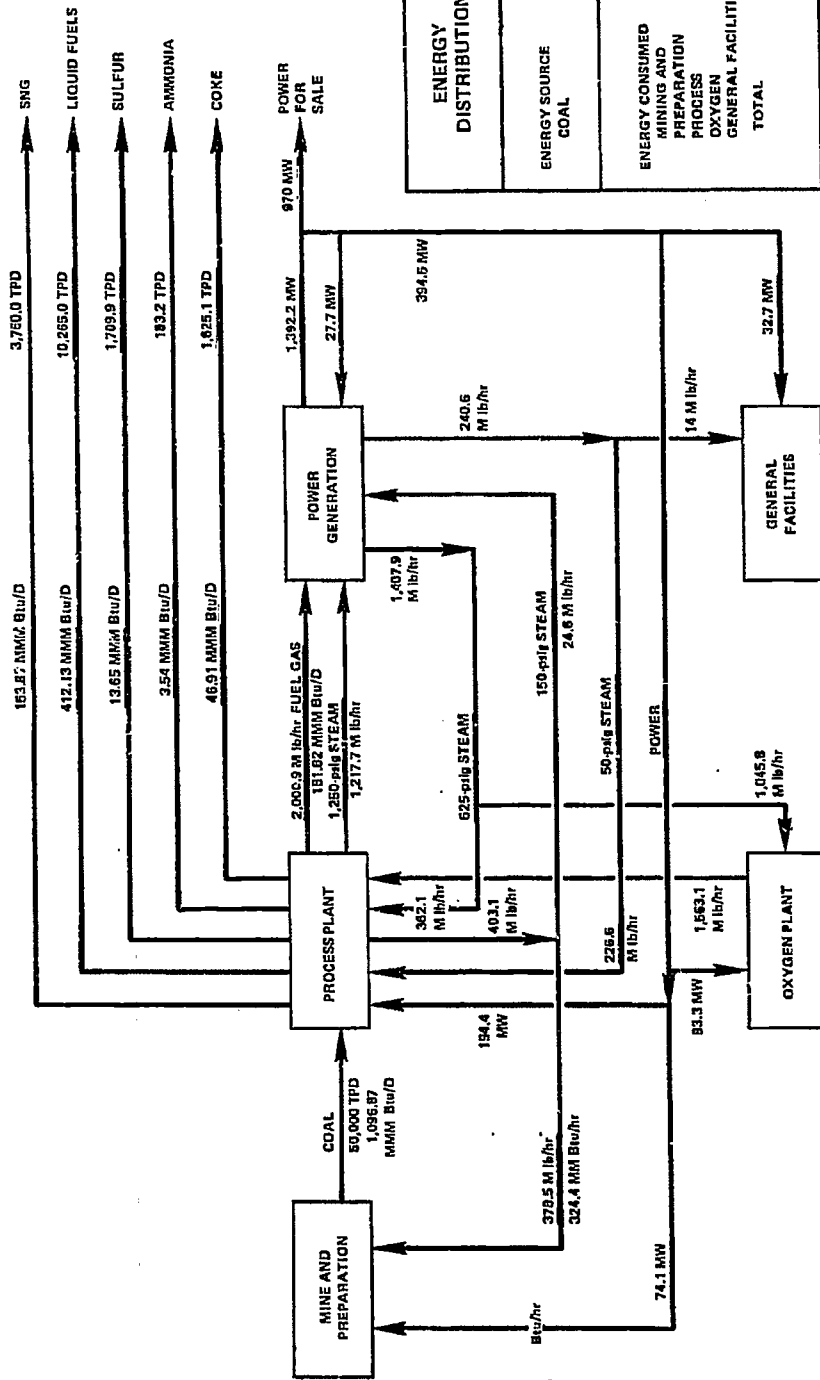


SECTION 9
ENERGY BALANCE

The overall energy balance is illustrated in Figure 9-1. The results indicate that the energy value of products is approximately 820 billion Btu/day, which represents about 74% of the energy contained in the feed coal.

Figure 9-2 presents a simplified summary of the projected overall thermal efficiency factors including power generation, heat rate based on fuel gas, along with the process products and byproducts.

Figure 9-3 presents the thermal efficiencies for the process operations and for power generation separately. The process thermal efficiency, including the manufacture of fuel gas, is 74%. The power generation efficiency, based on the apportioned fuel gas required to generate the net electrical power for sale of 970 MW, is 43%.



ENERGY DISTRIBUTION	BILLION Btu/D	PERCENT
ENERGY SOURCE	1,096.87	100
ENERGY CONSUMED		
MINING AND PREPARATION	23.50	2.15
PROCESS	210.43	19.19
OXYGEN	30.03	2.74
GENERAL FACILITIES	7.28	.66
TOTAL	279.33	25.47
ENERGY VALUE OF PRODUCT		
SNG	153.87	14.03
LIQUID FUELS	412.13	37.57
SULFUR	13.65	1.24
AMMONIA	3.54	.32
COKE	46.91	4.28
FUEL GAS TO STEAM & POWER	181.82	16.59
TOTAL	811.92	74.02

Figure 9-1 - Energy Balance

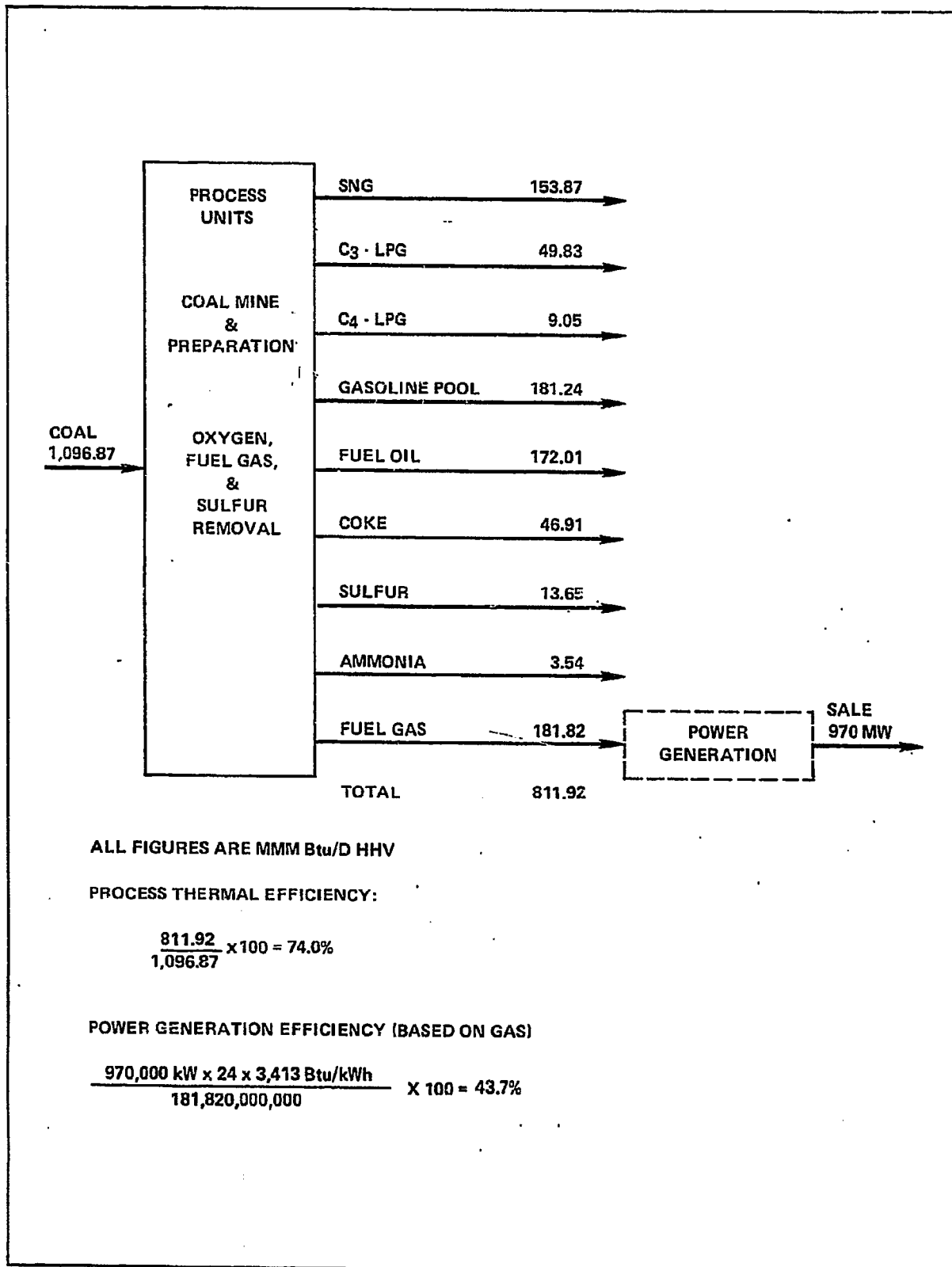


Figure 9-3 - Projected Thermal Efficiencies