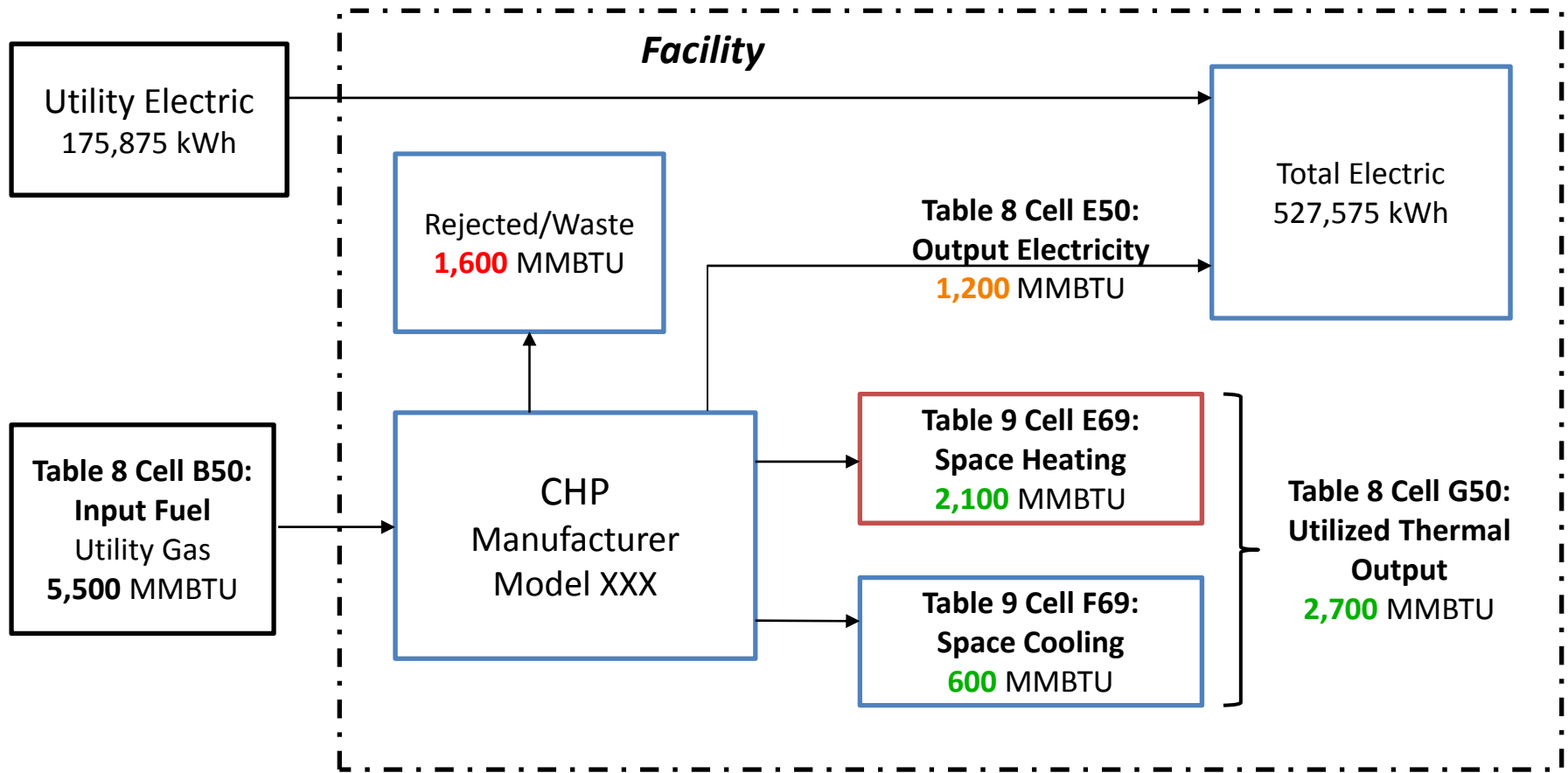


Appendix B: Energy Balance Diagram

	A	B	C	D	E	F	G	H	I	J	K	L
55		Table 9: Breakdown of Utilized Thermal Output										
56		Process Heating (MMBtu)	Process Cooling (MMBtu)	Space Heating (MMBtu)	Space Cooling (MMBtu)	Domestic Hot Water (MMBtu)	Other (MMBtu)	Total Utilized Thermal Output (MMBtu)	% Thermal Output Offsetting Electricity ⁶	Electricity Offset (MMBtu)		
57		Jan						0		-		
58		Feb						0		-		
59		Mar						0		-		
60		Apr						0		-		
61		May						0		-		
62		Jun						0		-		
63		Jul						0		-		
64		Aug						0		-		
65		Sep						0		-		
66		Oct						0		-		
67		Nov						0		-		
68		Dec						0		-		
69		Total	0	0	0	0	0	0		0		

Energy Balance Diagram (Example)



$$\begin{aligned}
 \text{Input Fuel MMBTUs} &= \text{Facility consumed MMBTUs} + \text{Rejected/Waste MMBTUs} \\
 5,500 &= 2,700 + 1,200 + 1,600
 \end{aligned}$$

Heat Energy Balance Reference Calculations

	MMBTU INPUT	MMBTU Utilized + Rejected
Input Fuel: Table 8 Cell D50	5,500	
Output Electricity: Table 8 Cell E50		1,200
Process Heating: Table 9 Cell C69		
Process Cooling: Table 9 Cell D69		
Space Heating: Table 9 Cell E69		2,100
Space Cooling: Table 9 Cell F69		600
Domestic Hot Water: Table 9 Cell G69		
Other: Table 9 Cell I69		
Rejected/Waste Heat		1,600
TOTALS	5,500	= 5,500