Waste Energy Fuel Cost Calculation

From M15 Section 2.3.3 (using Proposed Language)

Total Fuel Related Costs = Fuel Costs + Fuel Related Costs + SO_2 Allowance Cost + CO_2 Allowance Cost

+ Nox Allowance Costs + Maintenance Adder

Fuel Cost Inputs			
Natural Gas Cost =	$4.00	mmBtu	
Natural Gas Fuel Percentag	25	%	
Waste Cost =	-$20.00	ton	(i.e. - Tipping Fees Paid to generator)
Waste Heat Content =	5000	Btu/lb	

Fuel Cost Calculation			
Natural Gas Cost =	25% * $4.00 /mmBtu =	$1.00	/mmBtu
Waste Energy Cost =	75% * 2000 lb/ton * 5000 Btu/lb / $ -20/ton =	-$0.38	/mmBtu
	Average =	$0.63	/mmBtu

Fuel Costs =	$0.63	/mmBtu
Fuel Related Costs =	$0.15	/mmBtu
SO2 Allowance Cost =	$0.12	/mmBtu
CO2 Allowance Cost =	$0.46	/mmBtu
Nox Allownace Cost =	$0.22	/mmBtu
Maintenance Adder =	$0.25	/mmBtu
Total Fuel Related Costs =	$1.83	/mmBtu