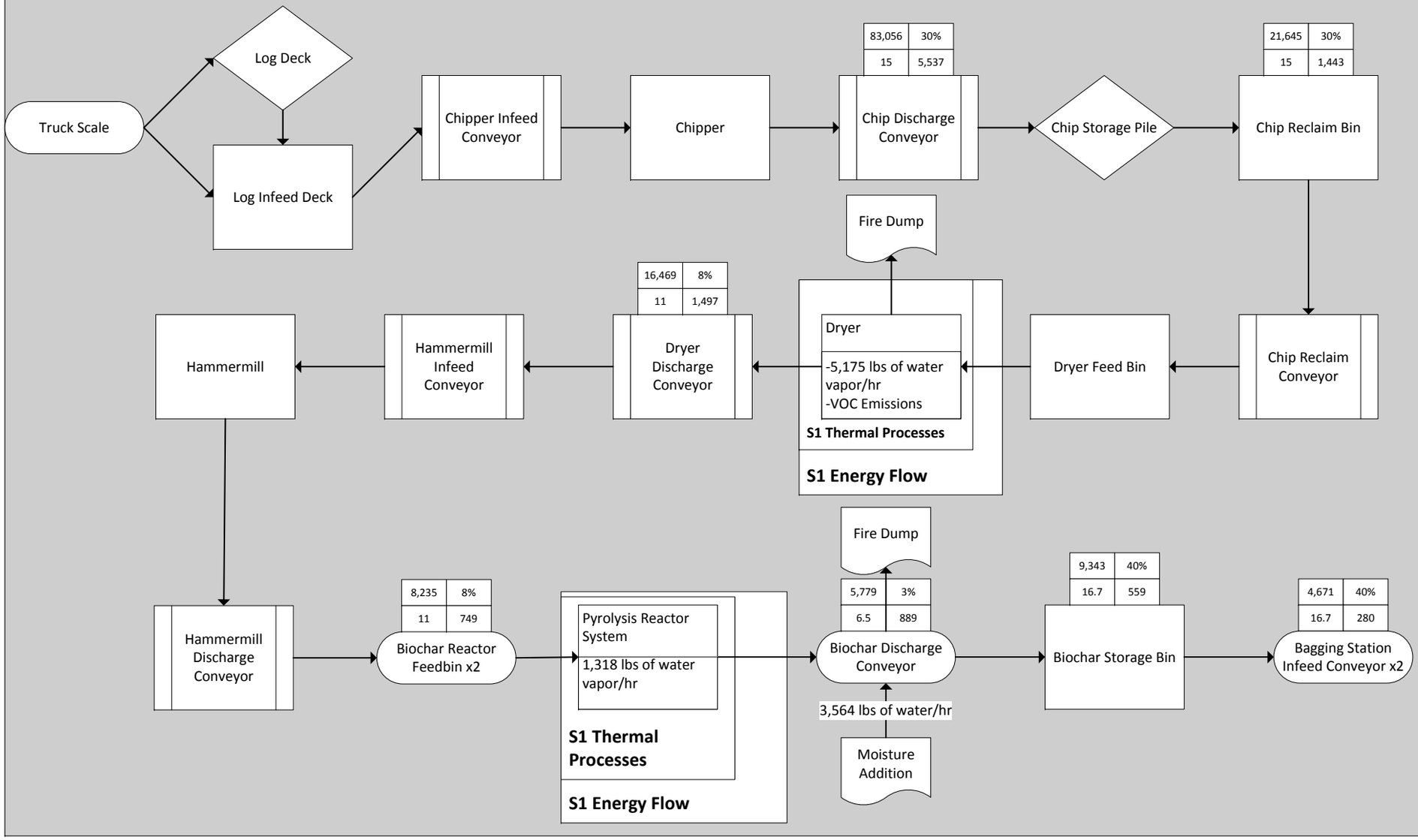
Microwave Conversion
Material Handling
Biochar Production Scenarios
Throughput 50K BDT/year

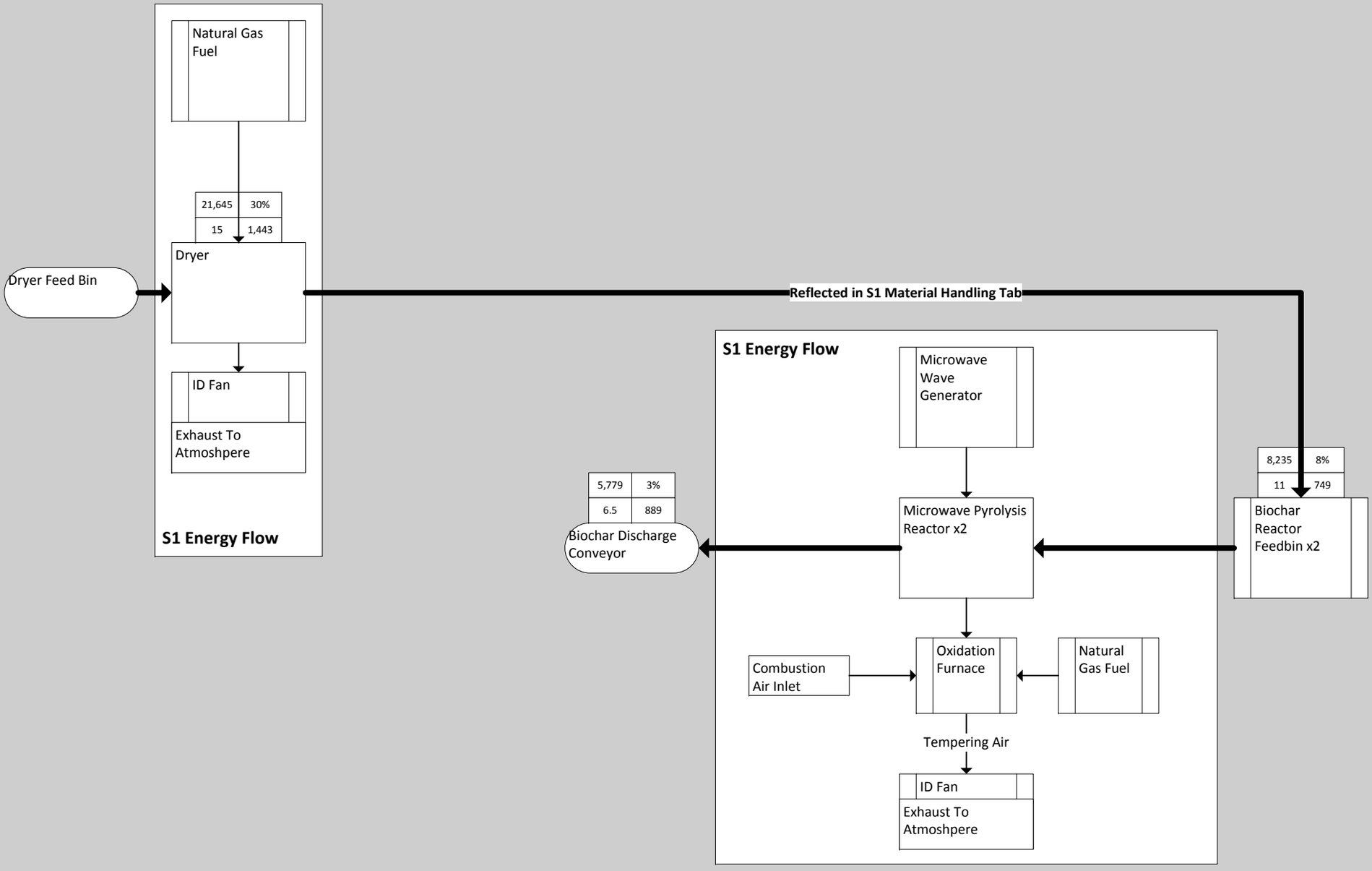
Scenario 1
Purchased Energy

Mass Flow Rate (lbs/hr)	Moisture Content (Wet Basis)
Bulk Density (lb/ft^3)	Production (ft^3/hr)



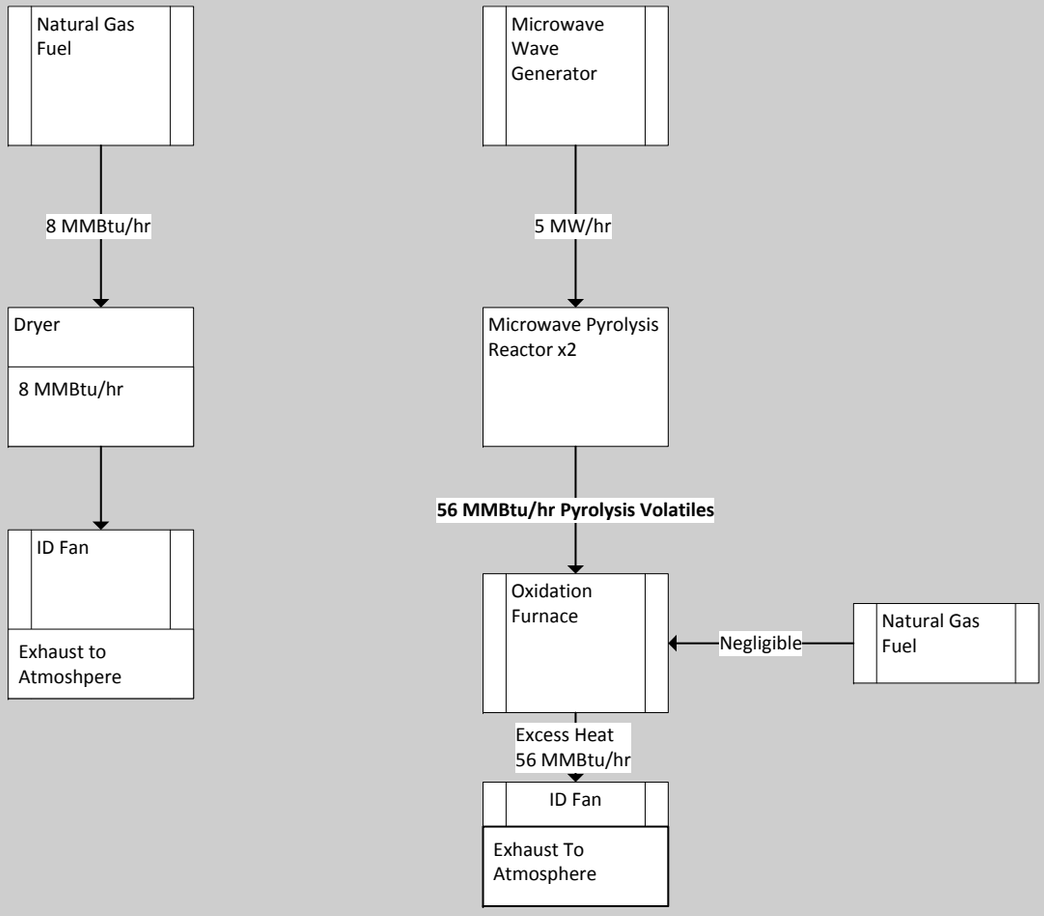
Microwave Conversion
Thermal Process
Biochar Production Scenarios
Throughput 50K BDT/year

Scenario 1
Purchased Energy



Microwave Conversion
Energy Flow
Biochar Production Scenarios
Throughput 50K BDT/year

Scenario 1
Purchased Energy



Microwave Conversion
Material Handling
Biochar Production Scenarios
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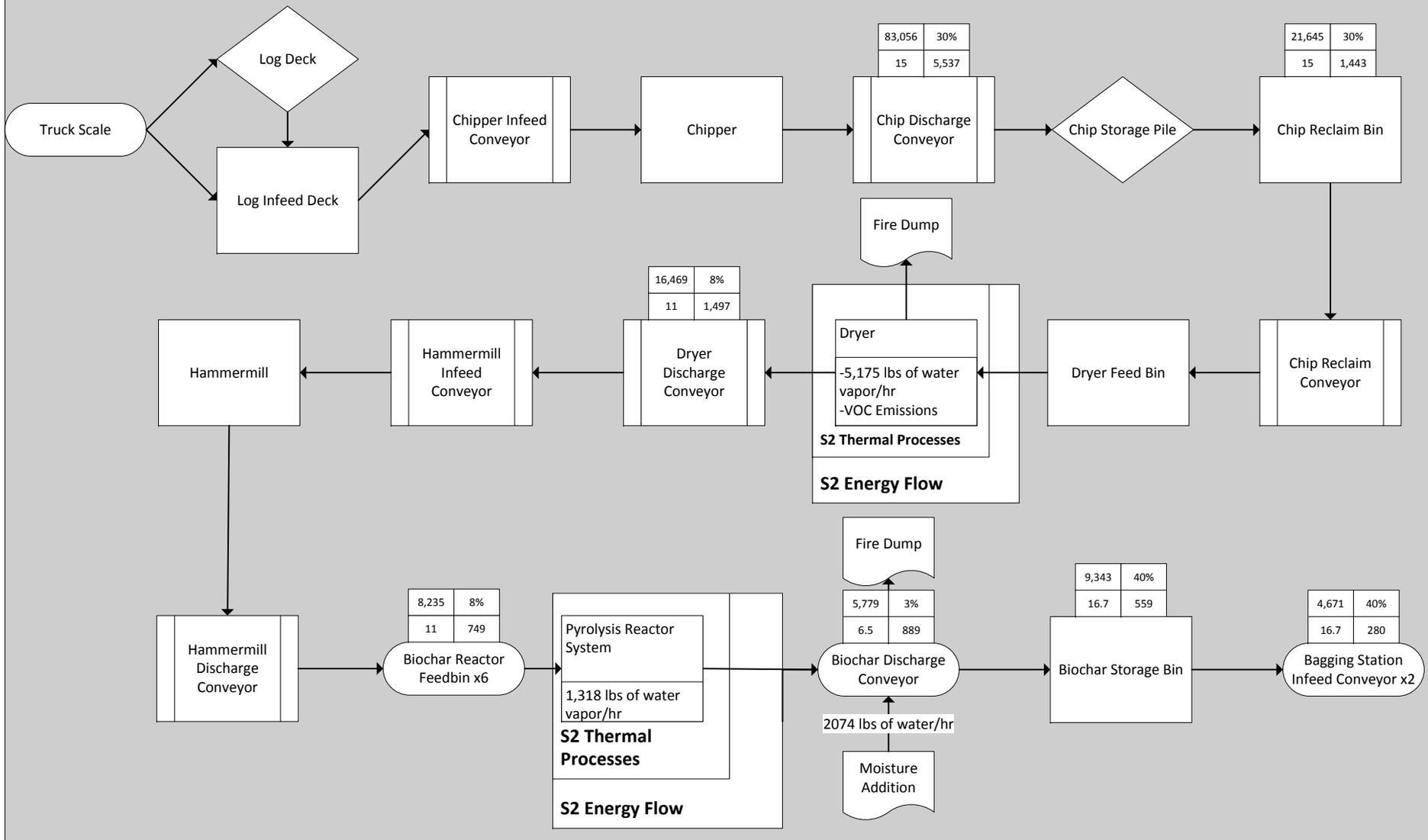
Scenario 2
Recycled Thermal Energy

Mass Flow Rate (lbs/hr)	Moisture Content (Wet Basis)
Bulk Density (lb/ft^3)	Production (ft^3/hr)



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Biochar Production Scenarios
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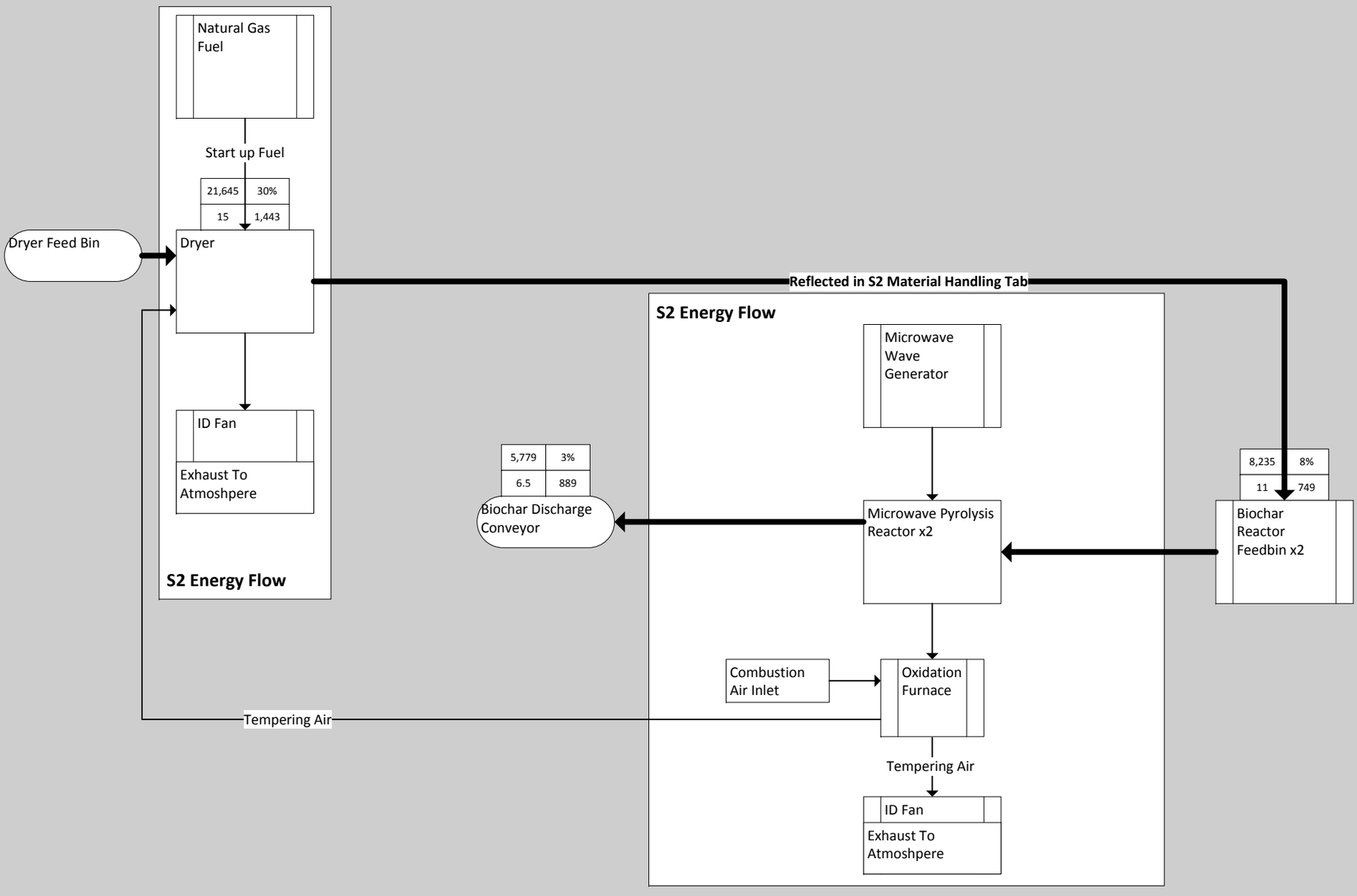
Scenario 2
Recycled Thermal Energy



Microwave Conversion
Energy Flow
Biochar Production Scenarios
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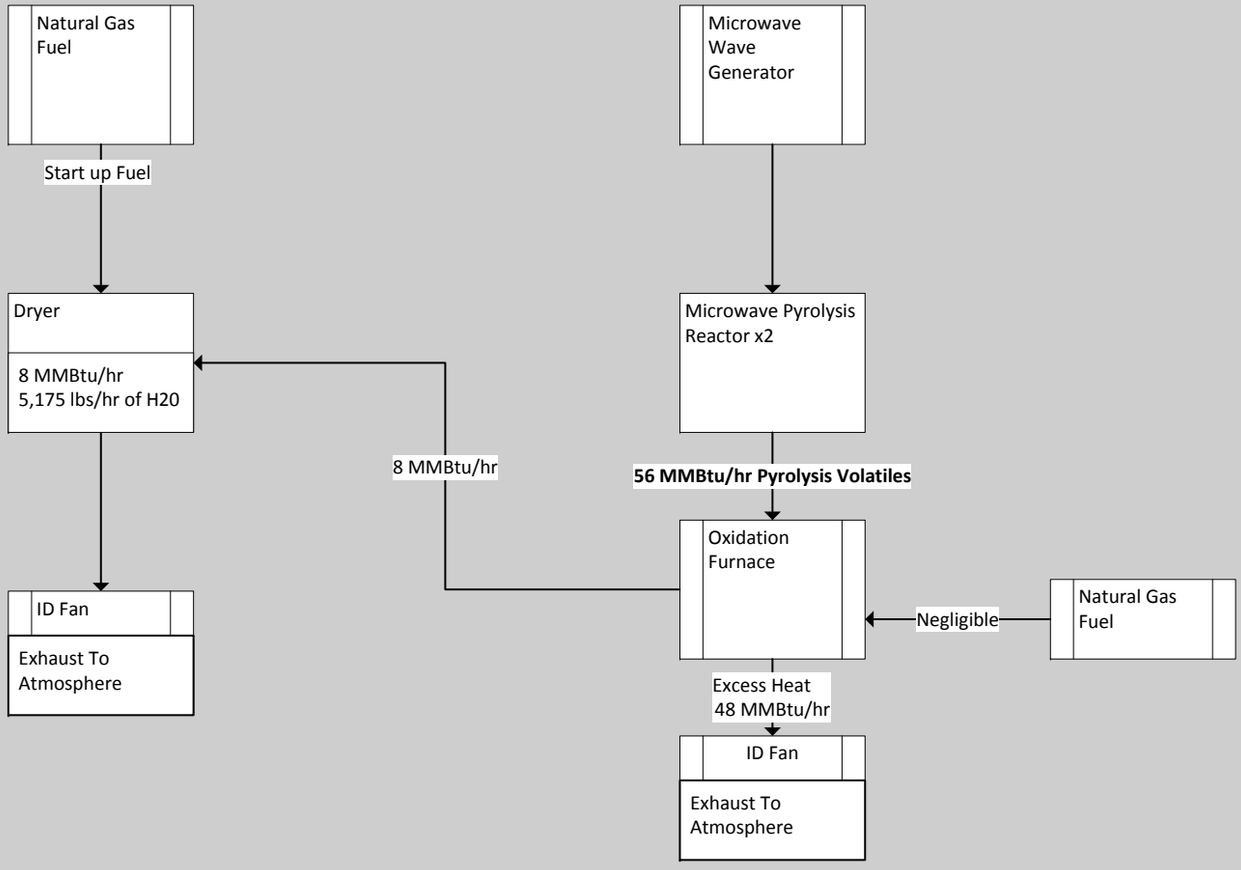
Scenario 2
Recycled Thermal Energy



Microwave Conversion
Material Handling
Biochar Production Scenarios
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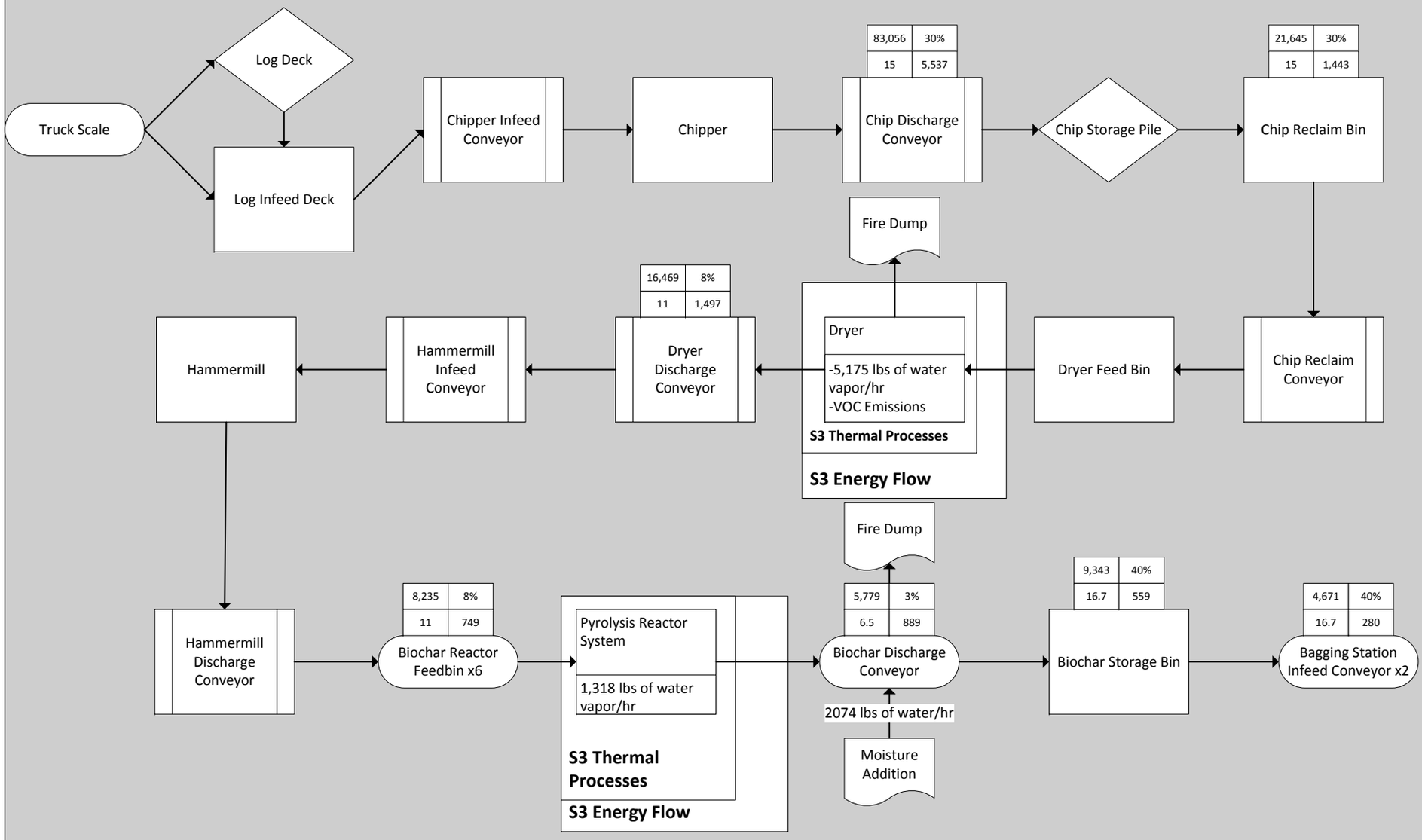
Scenario 3
Recycled Thermal Energy
Electrical Power Production

Mass Flow Rate (lbs/hr)	Moisture Content (Wet Basis)
Bulk Density (lb/ft^3)	Production (ft^3/hr)



Microwave Conversion
Thermal Process
Biochar Production Scenarios
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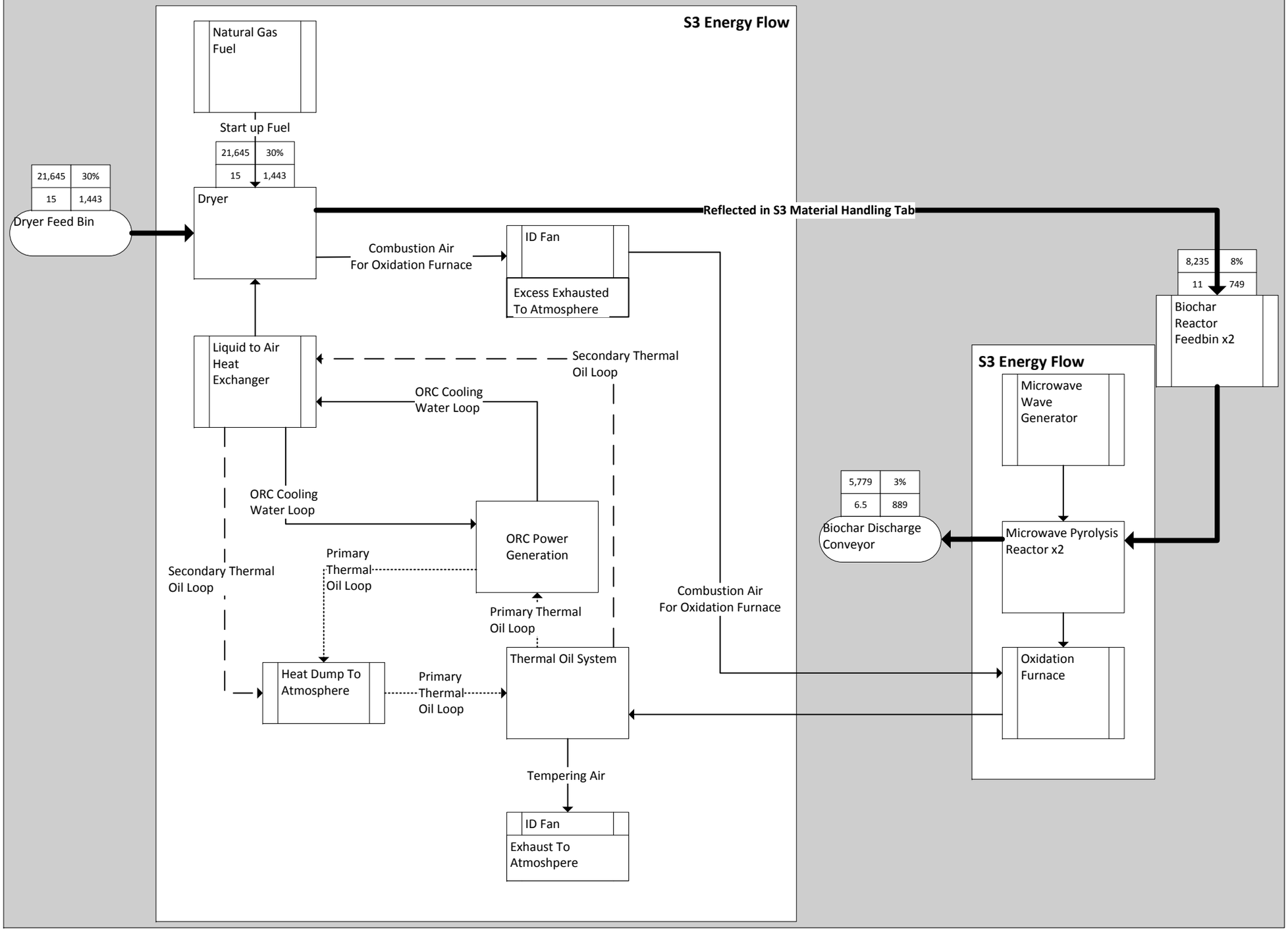
Scenario 3
Recycled Thermal Energy
Electrical Power Production



Microwave Conversion
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Biochar Production Scenarios
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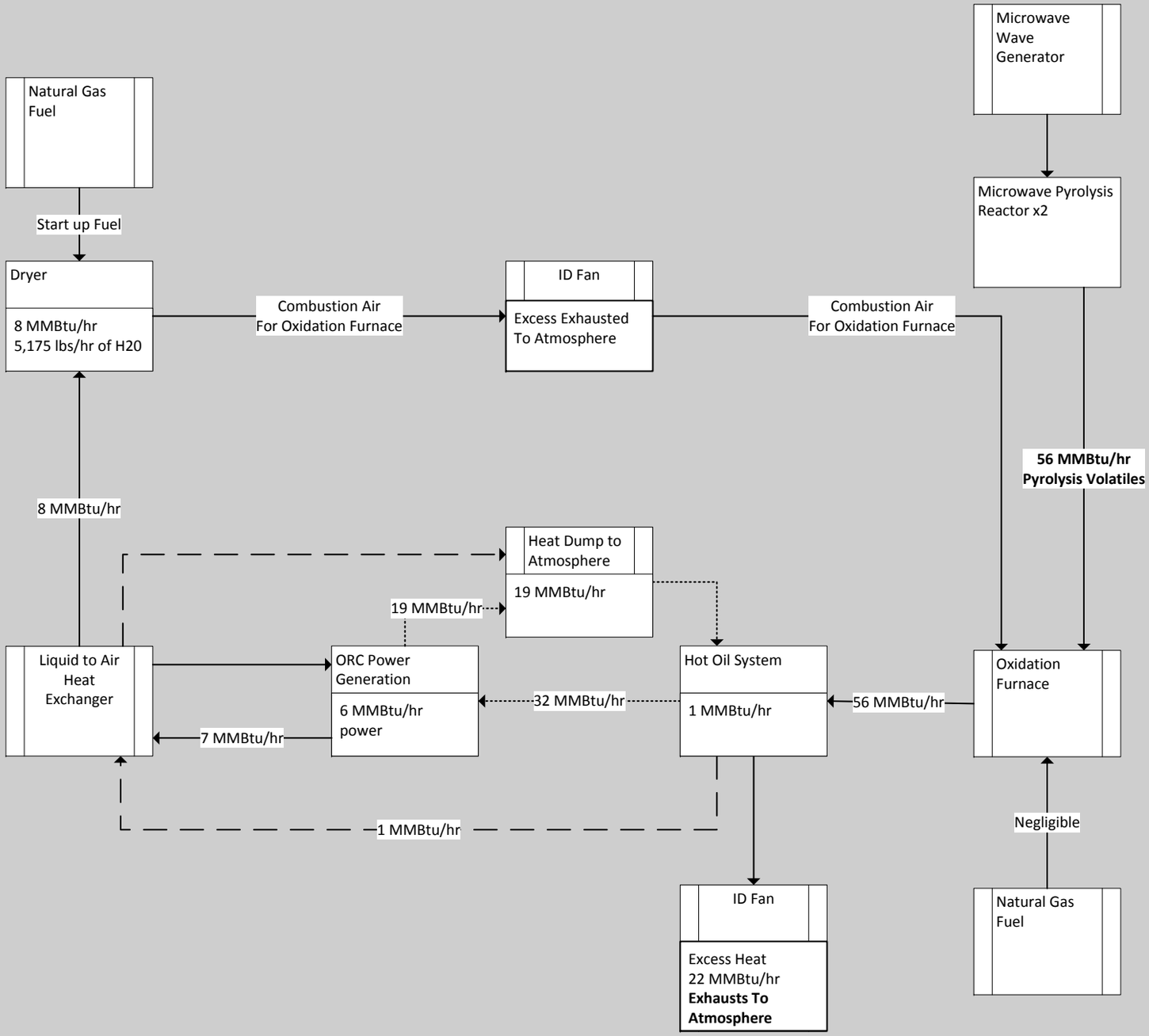
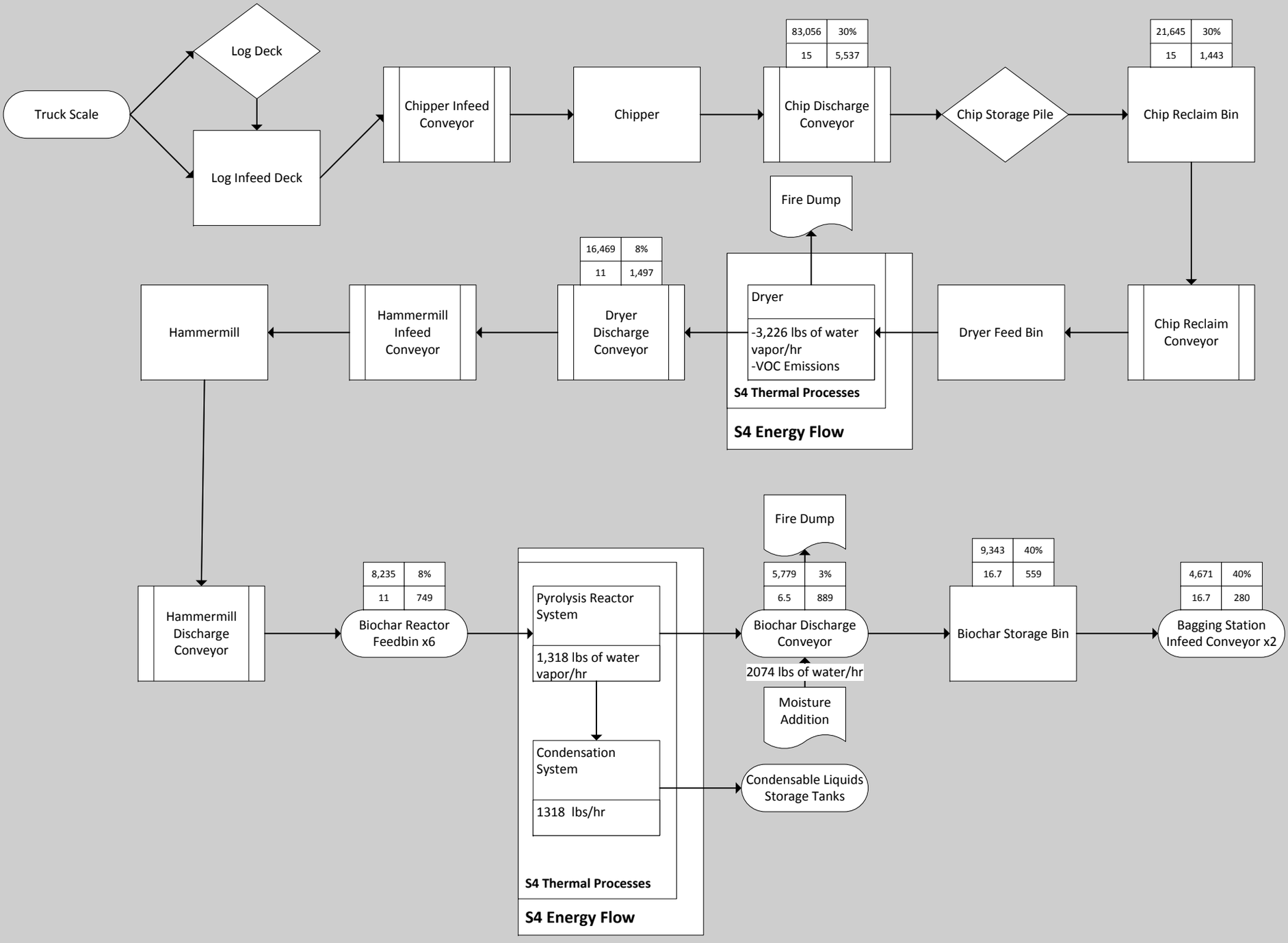
Scenario 3
Recycled Thermal Energy
Electrical Power Production



Microwave Conversion
Material Handling
Biochar Production Scenarios
Throughput 50K BDT/year

Scenario 4
Recycled Thermal Energy
Pyrolysis Volatiles Condensation
Electrical Power Production

Mass Flow Rate (lbs/hr)	Moisture Content (Wet Basis)
Bulk Density (lb/ft^3)	Production (ft^3/hr)



Microwave Conversion
Thermal Process
Biochar Production Scenarios
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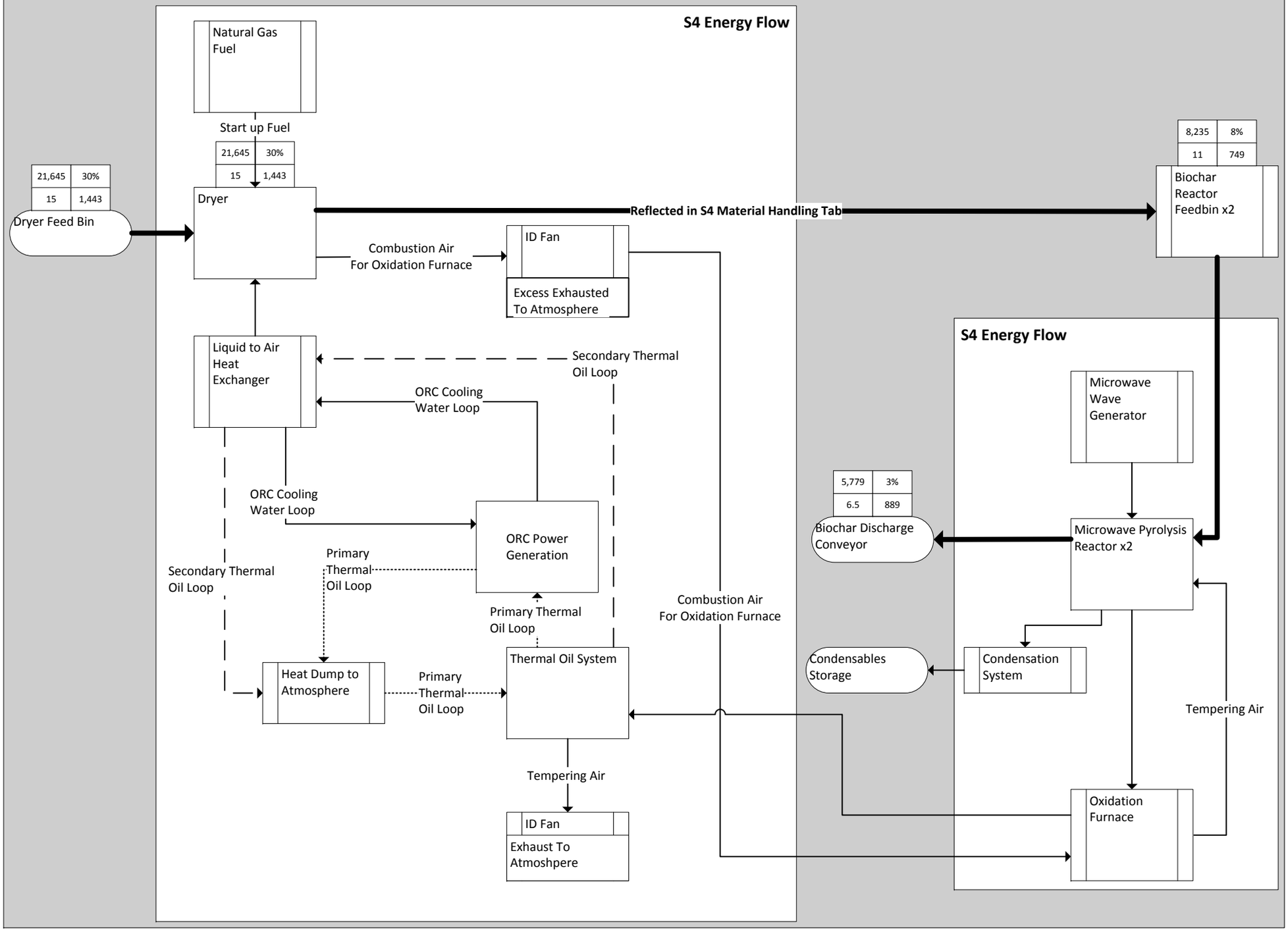
Scenario 4
Recycled Thermal Energy
Pyrolysis Volatiles Condensation
Electrical Power Production



Microwave Conversion
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Biochar Production Scenarios
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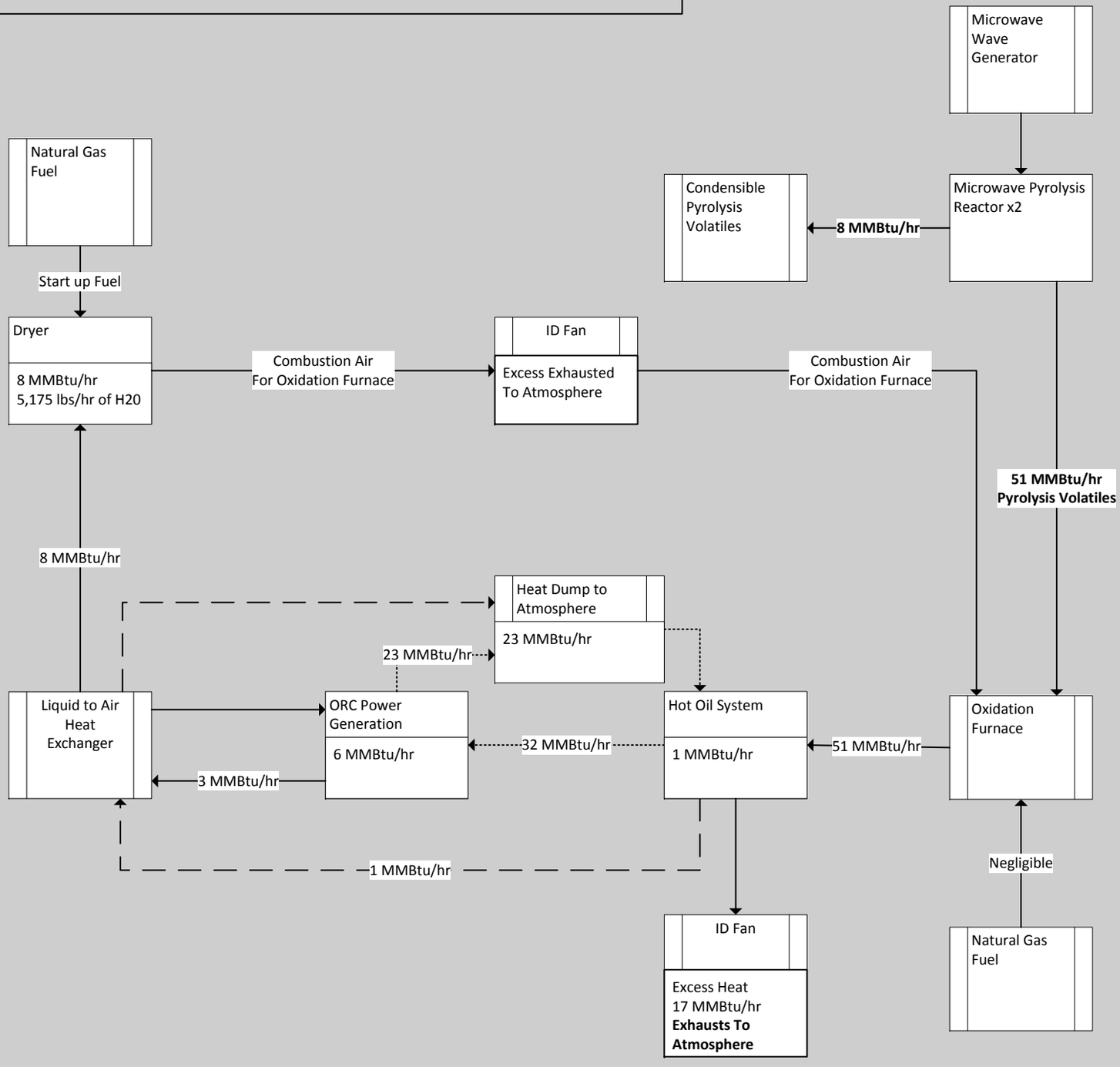
Scenario 4
Recycled Thermal Energy
Pyrolysis Volatiles Condensation
Electrical Power Production