**Notes from teleconference (2/1/11)**

Attendance: Ryan, Russell, Lipi, Vijeta

Assign 1 person to each major part of the process – **Action Item**

* Gasifier – Lipi
* Gas Clean Up – Ryan
* Water Gas Shift – Tom
* ASU, Oxygen – Russel
* Materials and Energy Balance – Vijeta

Look into downstream aspects; removals, temperatures, and pressures

Regenerate the system

Understand the lock hoppers in the gasifier

Get O2 from a third party – **Action Item**

N2 can be used further, sent to a compressor or turbine for power generation

H2S in syngas, look up how to remove it

Material balance, add moles/hour to the data section in process flow data

Follow each component (C,H,etc) through all the steps

Look into the rates of the reaction in the gasifier (calculate)

Determine the engineering focus aka how deep do we need to look into each process – **Action Item**

Ask Dr. Perl about how far we need to go