

Ford Site Energy Study

Initial Response to Report by Ford Motor Company:

Considerations for the TAG

- Would like to see an evaluation of the sand mine tunnels for geothermal
- Some of the ratings seemed contradictory, will detail later in this response
- Some questions on a few assumptions, will detail those later as well
- Of the 5 goals, Innovation does not appear to have the same tangible value as the other goals

Ratings questions:

3.4 Alternative Technologies - Is there backup cost data available for off-site renewables to support the 5/5 rating for cost effectiveness, including transmission, distribution and demand charges?

4.4 & 4.5 - Is there further explanation why the resilience of biomass was given different ratings for the two scenarios?

4.7 - Is there backup cost data available for central solar heating, central PV and large wind farm to support the 4/5 rating on cost effectiveness?

4.9 - Is there backup cost data available for individual dwelling PV to support the 4/5 rating on cost effectiveness?

Assumptions questions:

4.1 Power Grid & Market - Sales of excess power to the grid at a “meaningful” price. Will need to verify possible market value and the approval for a connection agreement with the LDC.

River water for cooling- The river water use permit has discharge limits on temperature which will need to be taken into account during design assumptions.

Emissions – Is it feasible to consider indirect emissions as well as direct emissions for a ‘total’ impact evaluation?