14. An engine system, comprising:

an engine;

a reformer configured to receive an oxidant and a fuel and to reform the fuel using the oxidant;

a combustion chamber of the engine in fluid communication with the reformer, wherein reformed fuel is received into the combustion chamber; and

a valve system configured to transition between 100% unreformed fuel and 0% reformed fuel supplied to the combustion chamber and 0% unreformed fuel and 100% reformed fuel supplied to the combustion chamber, and the valve system including a valve in fluid communication with the reformer and a venting location, and being configured to control a flow of the reformed fuel to the combustion chamber by venting a portion of the reformed fuel at the venting location.