ORC Closed Loop Control Systems for Transient and Steady State Duty Cycles

Matthew W. Wright
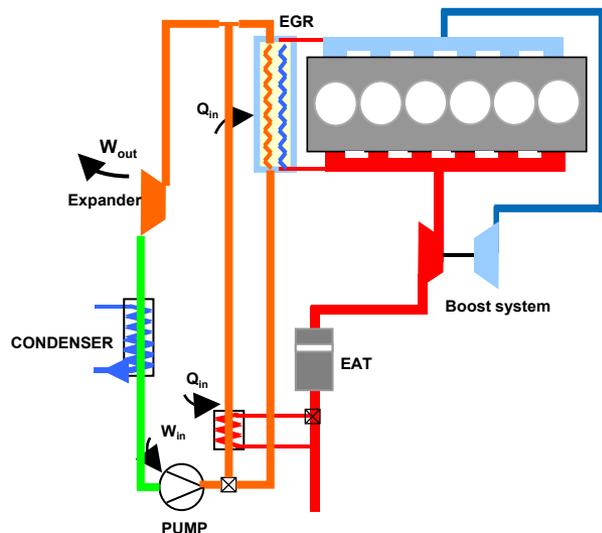
Location: P-26

Waste Heat Recovery System, Component Correlation

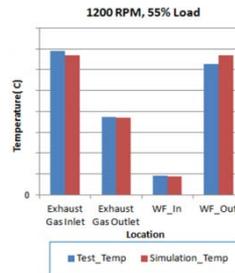**Closed loop controlled, WHR system running automatically over various drive cycles.**

➤ **Ricardo's library of internally developed Modelica ® based component models facilitate accurate & rapid system modeling allowing for iterative system level concept analysis & accelerated time to working hardware**

➤ **System level models are currently being developed to utilize this Rapid Concept Analysis approach to define & optimize full vehicle architectures**
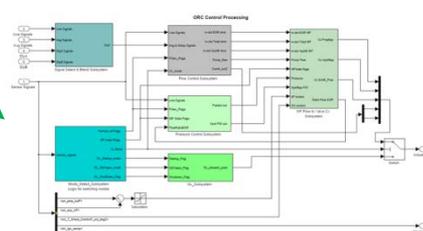
System Concept & Iterative Performance Analysis

Component Level Testing & Correlation

System Level Mechanical Testing & Performance Optimization

Simulink Controls Modeling