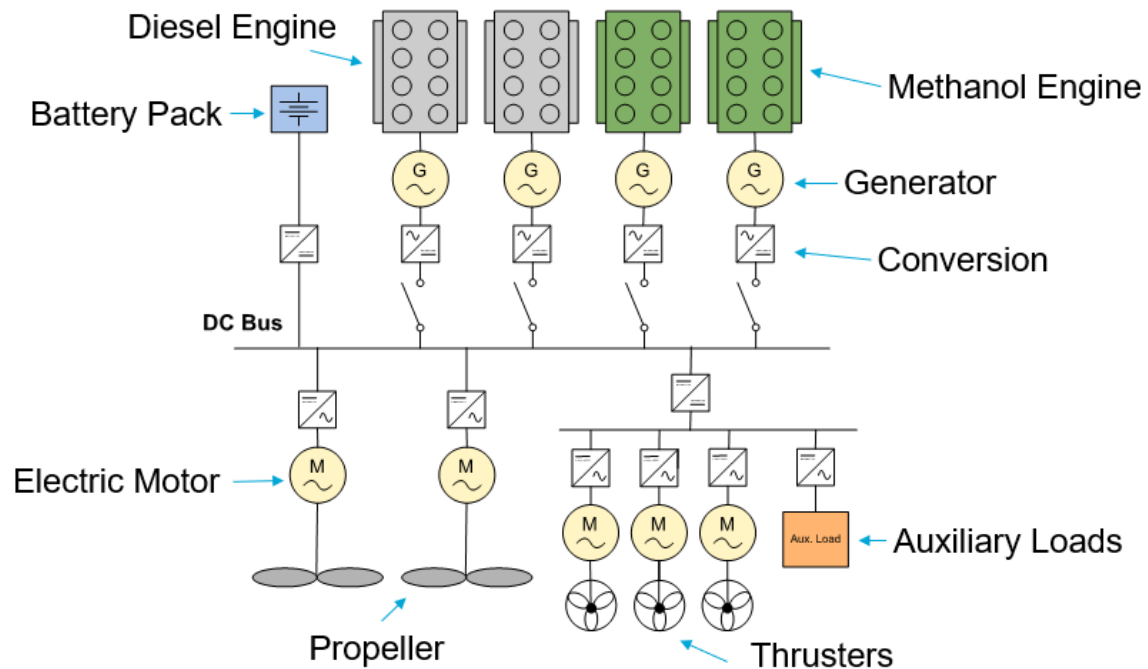
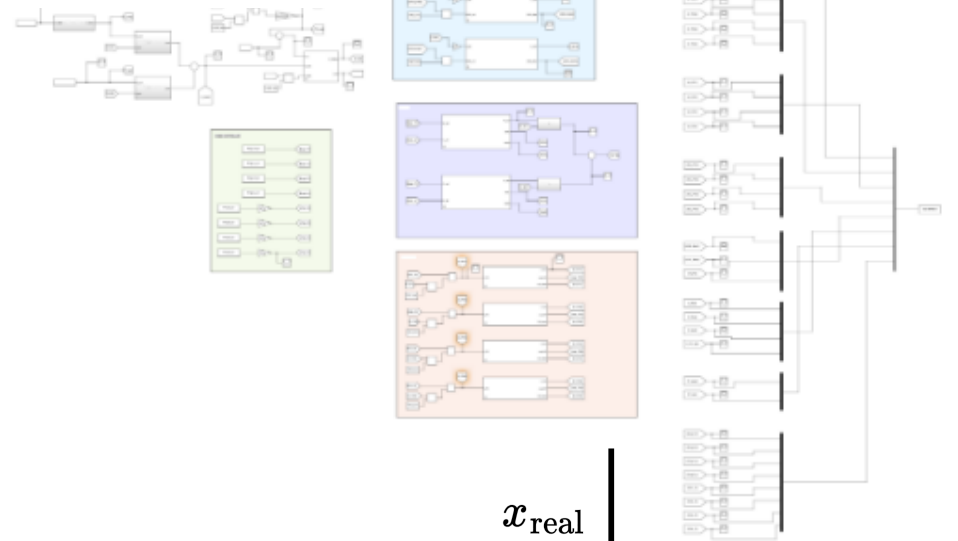


Real System



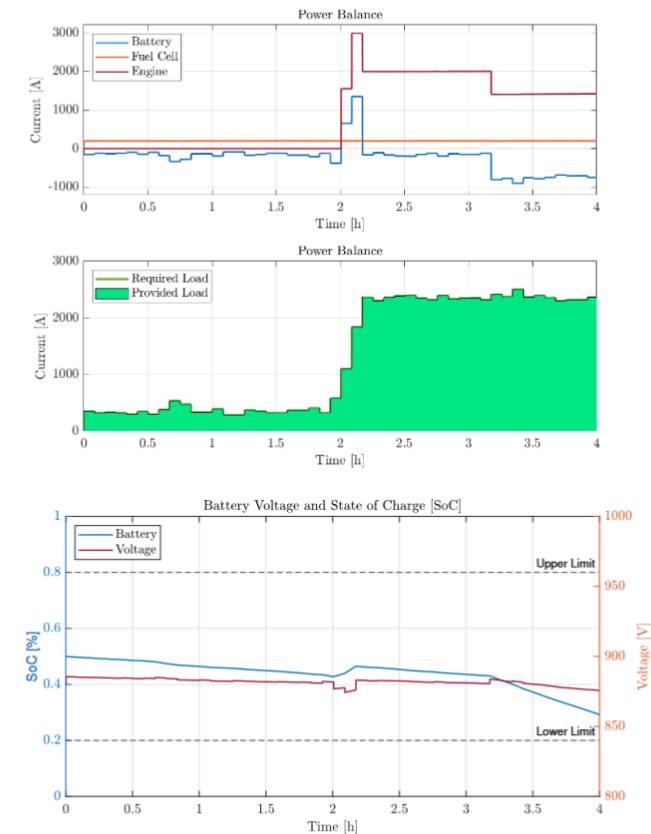
Low Fidelity Model



u_{opt}

x_{real}

Results



Optimization Problem

+

Pareto Frontier

Minimize: $J(u(\cdot|k))$

s.t.:

$$\mathbf{x}_{k+1} = f(\mathbf{x}_k, \mathbf{u}_k)$$

$$\mathbf{u}_k = \mathbf{u}_{k-1} + \Delta \mathbf{u}_k$$

$$g_{in}(\mathbf{x}_k, \mathbf{u}_k) \leq 0$$

$$g_{eq}(\mathbf{x}_k, \mathbf{u}_k) = 0$$

