Airports Energy Optimization with Al and Optimal



Control



Smarter HVAC, greener airports

Constraints

$$T_{min} \le T_k \le T_{max}$$
$$u_{min} \le u_k \le u_{max}$$

Optimization Problem



Commands sequence

$$u_0, ..., u_{N-1}$$

Cost function

$$\min_{u_0, \dots, u_{N-1}} \sum_{k=0}^{N-1} J(T_k, u_k)$$

Building model

$$T_{k+1} = f(T_k, u_k)$$