Upper-Level (UL) Problem

Leader: LSE & DRP 1

Objective: min cost

Subject to: Network/ DRP constraints [1,.,d]

Determine

•Incentive offer to DRP 1

Leader: LSE & DRP d

Objective: min cost

Subject to: Network/ DRP constraints

Determine

•Incentive offer to DRP d



Follower 1: DRP

Objective: min bills and disutility

Subject to: DRP Constraints

Determine:

Optimal energy schedule of DRP 1

Follower d: DRP

Objective: min bills and disutility

Subject to: DRP Constraints

Determine:

Optimal energy schedule of DRP d