Thermostatic Slack

- Slack: the potential of an energy load to be advanced or deferred without affecting outcomes
- Slack in thermostatic loads varies as indoor and outdoor conditions change and can be exploited for continuous demand response

RENWEABLES ON GRID
Somewhat unpredictable, mostly uncontrollable

CONTROL

SIGNALS

THERMOSTATIC LOADS
Highly predictable and controllable

Jay Taneja
taneja@cs.berkeley.edu