

Seattle's Target Performance Path

(Not exactly an
Outcome-Based
Code)

Duane Jonlin
Energy Code & Energy
Conservation advisor

Seattle Department of
Planning and Development

Two problems with energy codes:

Prescriptive code
won't get us there



...so “Outcome-Based Code”?



- Eventually, we have to be “done”
- “Outcome-Based Code” means:
“Forever having to say you’re sorry”

The Solution: The Target Performance Path

- Drop the energy code in the trash
- Design an solution that works
- Just hit the required EUI, as you see fit:
 - 40 Office
 - 50 School
 - 150 Hospital
 - ...



How does this work? Won't everyone cheat?

- Prove EUI virtually with energy modeling
- Prove EUI operationally for a year
- Actual performance won't be worse...
- ...and it could be way better





Details

- Data center adjustment
- Odd weather adjustment
- Financial security can be:
 - bond, letter of credit or “pledge & fine”
 - If you do miss the target, you can get half the money back for energy improvements

Supporting provisions

- Metering & sub-metering
- Air barrier testing
- Enhanced commissioning



But wait, there's more!

- Plug load controls
To reduce vampire loads



- Solar-ready roof
From “Net-Zero-Ready” to Net Zero



This can't wait

- A code that facilitates high-performance results-oriented, integrated design
- Supports market innovations
- Primary code compliance pathway

duane.jonlin@seattle.gov

