

# REM 2010

## Purchaser's Messaging

Marty Sedler

Intel

Director, Global Utilities and Infrastructure



# Electric Vehicle Charging Station in Oregon

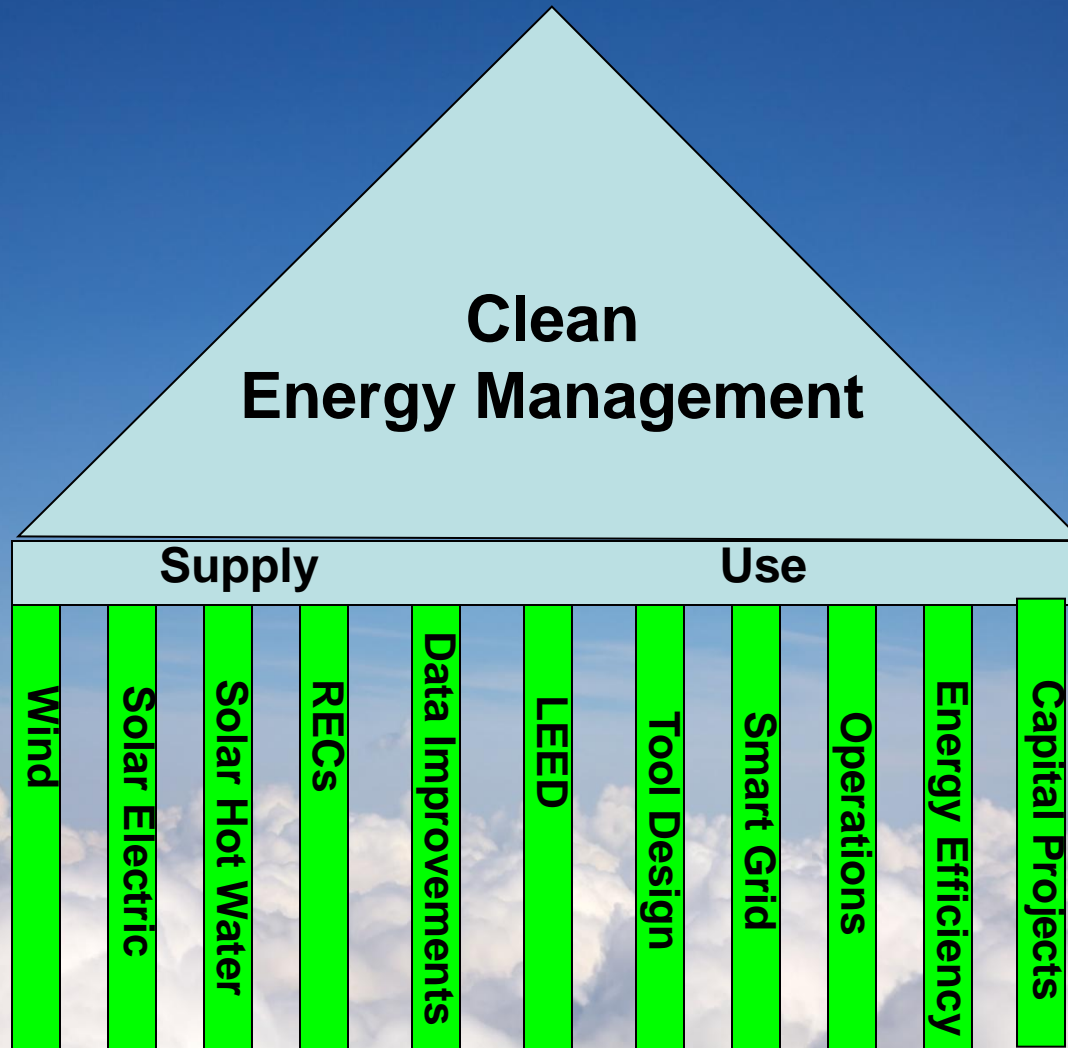


October 20, 2010

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# Multi-Pronged Energy Mngt



# Intel's Renewable Energy Actions

Intel receives **Green Power Leadership Award** from US EPA:



- Intel is the largest voluntary corporate purchaser of renewable energy in the U.S. and holds the #1 spot on their Green Power Partner list
- Over 50% of Intel's purchased electricity usage (1.43 B-kWh) will come from renewable sources such as wind and solar

Intel site solar installations begin and expand quickly:



- Bangalore, India - solar water heaters supply nearly 100% of the 2 sites Hot Water requirement saving 70,000 kilowatts/yr.
- Oregon, USA - a 100Kw electric PV system on the roof of Jones Farm campus Energized Q4 '08.
- New Mexico, USA - a solar demonstration project highlighting PV uses and benefits in data centers operational Dec 2008.
- Intel contracts 8 new solar electric projects over 4 states for a total of ~2.5 mW

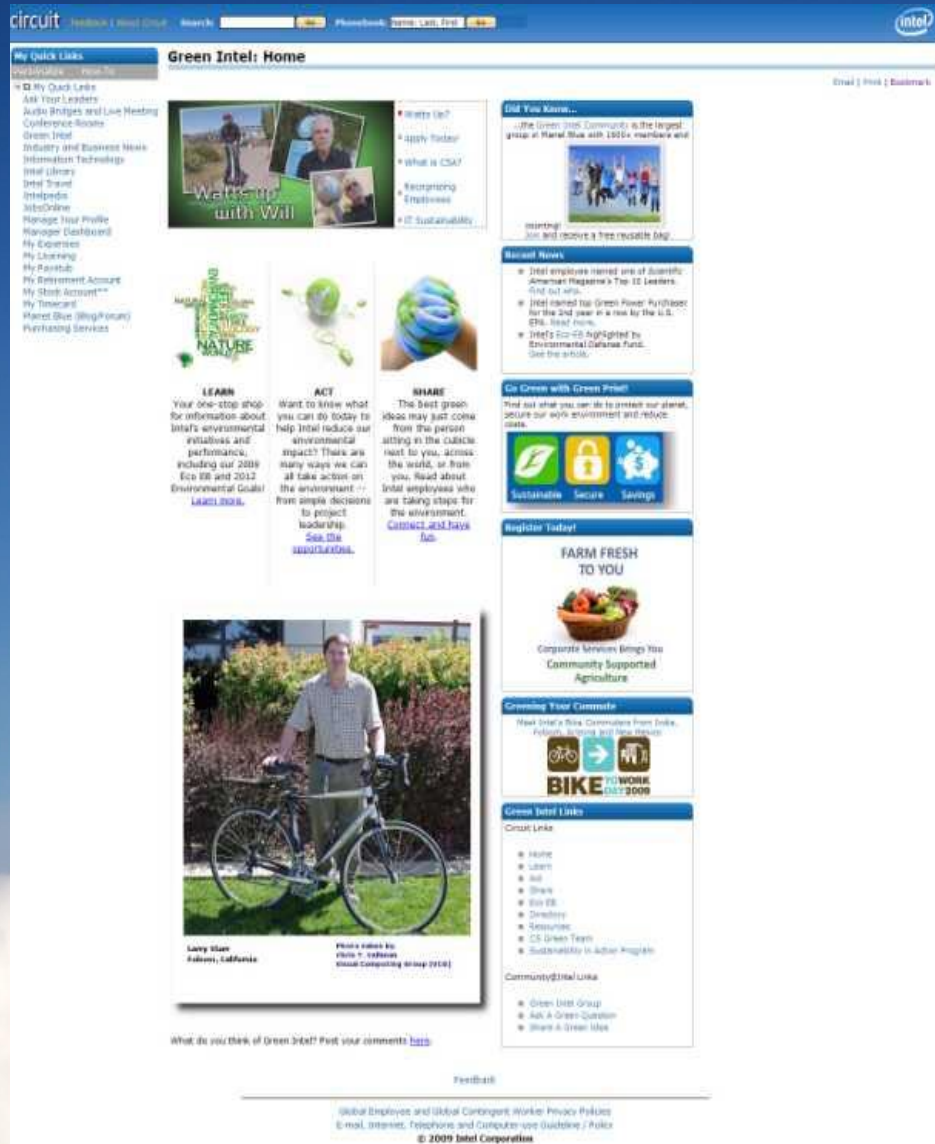
**\*\*Intel is the largest voluntary Wind Energy Purchaser in Oregon**

# What does 1,430,000,000 kWh equal?

- 200,000 passenger cars off the road/yr
- Over 1,760,00,000 automobile miles not driven
- 135,000 houses with clean renewable energy
- 125,000,000 gallons of gasoline
- 2,580,000 bbls of oil
- 46,100,000 propane cylinders for home BBQ
- 5,798 railcars of coal burned
- 525,000 metric tons of Coal
- 19,800,000 Trees seedlings grown for 10 yrs
- Over 2,200,000,000 lbs of CO<sub>2</sub> offset each year
- Annual Generation from ~770 mW Solar plant

\*\*\* Estimates Based on EPA Calculations

# Communicate – Engage Employees



# Folsom Energized 7/2010 1.1 MW Intel's largest system



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# Solar Parking Structures Now Open at Ocotillo!

**Grand Opening Monday, October 18<sup>th</sup>!**



**Corporate Services , in partnership with Materials, is pleased to announce Intel's first solar support structures now available in the OC2 parking area!!**

## Cool Facts:

- 100 Shaded parking spaces
- No capital and dollar savings on energy cost
- ~ 10% of the building's peak demand will be taken care of by the panels.
- Coming Soon: Power consumption viewable in Q4 at desk, lobby or café.

Parking spots are available on a first come, first serve basis

***OC8 solar parking phase will begin at the end of October***

Questions? Contact Marty Sedler