

Climate Leaders Green Power Partnership

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December 3, 2009

For discussion purposes

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Corporate Social Responsibility at Intel: *It's How We Do Business*

"Continuing our commitment to the highest performance in all we do—from product innovation to corporate responsibility—is good business."

Paul Otellini, President and CEO

Eco-Technology

Sustainable
Manufacturing

Energy Efficient
Performance

Design for
the Environment

Policy &
Industry



**Operations/
Facilities**

Products

**Pro-active
Engineering**

**Strategy/
Rules**

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Intel receives Green Power Leadership Award from EPA:



- Intel is the largest Voluntary corporate purchaser of Green Energy in the U.S. and holds the #1 spot on the EPA Green Power Partner list
 - Nearly 50% of Intel's US purchased electricity usage (1.3 B-kWh) will come from Green sources such as wind and solar

Intel Becomes Largest Purchaser of Green Power in the U.S.

Monday January 28, 10:51 am ET

Company Tops EPA Green Power Partner List, Vows to Drive for Greater Efficiency While Spurring Growth in Renewable Market

SANTA CLARA, Calif.--(BUSINESS WIRE)--Intel Corporation said today it will purchase more than 1.3 billion kilowatt hours a year of renewable energy certificates as part of a multi-faceted approach to reduce its impact on the environment, making Intel the single-largest corporate purchaser of green power in the United States, according to the U.S. Environmental Protection Agency (EPA). The company said it hoped the record-setting purchase would help stimulate the market for green power, which should lead to additional generating capacity and ultimately, lower costs.

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 Q4 '08.*
- *New Mexico, USA - a solar demonstration project highlighting PV uses and benefits in data centers operational Dec 2008.*
- *Evaluations in process at 8 additional solar projects*

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What does 1,300,000,000 kWh equal?

- 185,000 passenger cars off the road/yr
- Over 1,600,00,000 automobile miles not driven
- 133,000 houses with clean renewable energy
- 114,000,000 gallons of gasoline
- 2,350,000 bbls of oil
- 42,100,000 propane cylinders for home BBQ
- 5,278 railcars of coal burned
- 479,000 metric tons of Coal
- 18,000,000 Trees seedlings grown for 10 yrs
- Over 2,000,000,000 lbs of CO₂ offset each year
- Annual Generation from ~700 mW Solar plant

*** Estimates Based on EPA Calculations



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Required for Intel (e.g.)

- #1 : Integrity, Crystal Clean, Honesty
 - State the facts
- External Validation to ensure absolute Integrity
 - EPA Green Partner Program
 - Non-Profit Green-e certification
 - Attestations of each purchase
 - Highest quality/trusted supplier or marketer support
 - Approved mechanism for purchase, validated by 3rd party
 - Positive history of mechanism, media and regulatory acceptance
- Risk mitigation of mis-understood actions/Statements

EPA GPP adds Credibility/Documentation

- Established a Formal/Accepted Program
 - Strict rules to assure adherence
 - Validate Actions as Credible: what counts. What doesn't
 - Created a forum/playing field for tracking, ranking and comparing.
 - In essence: a common game to play fairly
- Ensure actions take place
 - Require Green-e certification or equivalent, including attestations
 - Rules on timing to ensure consistency of claims
- Provides a point of reference for actions
 - We do not say we did anything, EPA does



– They support your messaging, they are not your messenger!

In Closing

- EPA Green Power Partnership can be a key element to your Power Purchasing Strategy
- Minimally, GPP Program, website, staff can support you/your mngt. education on Green Power
- GPP can be used to provide additional messaging support to help ensure correct terminology is used
- They can be a place of expertise to reference or refer to
- I always like Free help 😊