



PCEA

October 7, 2009

**Things you may not
have considered.....**

**Ruby Shimabukuro
Dominique Rollins
Hawaiian Electric Company**

Interconnection Agreement

- Agreement between Utility, Customer and System Owner
- Required if generate in parallel
- Purpose:
 - Safety
 - Reliability
 - Power Quality

Interconnection Review

- Outages: Inverter shuts down
- Utility Feeder Penetration
- Technical Study
- www.heco.com

Billing Under PV

- Why are you receiving a bill
- Billing Components -
 - Customer/Meter Charge
 - Demand Charge (kWb)*
 - Energy Charge (kWh)**
 - Power Factor
 - Adjustments

* kWb = average (kWm and highest kWm for past 11 months)

** Billing kWh based on excess of what is produced