



## DEPARTMENT OF HAWAIIAN HOME LANDS

### News Release

**LINDA LINGLE**  
GOVERNOR

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### DHHL Building “Green” Homes

#### **Electric car provisions planned for the 111 homes in Kānehili subdivision as part of the first “green build” housing subdivision for department**

KAPOLEI, HAWAII—During the blessing of a new housing development in Kapolei today, the Department of Hawaiian Home Lands (DHHL) announced that its first “green” subdivision will include provisions to accommodate the future use of electric cars as well as energy-saving measures that will help new homeowners save anywhere from 30 to 50 percent of their energy bill. Partnering with one of the prominent “green” developers in the state, Gentry Kapolei Development, LLC; construction of the first 111 of 403 homes in the Kānehili subdivision in Kapolei signifies a new era of building affordable homes with a focus on affordable living.

“We are very excited to be working with Gentry to build homes that meet the Energy Star criteria to reduce the energy costs for our beneficiaries,” said Micah A. Kāne, chairman of the Hawaiian Homes Commission and director of DHHL. “This is about affordable living and it is the right thing to do for our state.”

The plans to fit the homes for electric cars drew praise from Governor Linda Lingle, who has made increasing Hawai‘i’s energy independence a top priority.

“Building the homes with the provisions for accommodating an electric vehicle in the future shows tremendous vision by both the Department of Hawaiian Home Lands and Gentry,” said Governor Lingle.

Kāne said reducing energy costs will not only save homeowners money, but it is a lifestyle choice to conserve and be more environmentally responsible.

“Our Hawaiian Homes Commission just adopted an energy policy that recognizes the importance of energy efficiency and using renewable/clean energy, as well as respecting our environment.”

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“The department has done an excellent job of building affordable homes and they recognize affordable living is just as important,” said Governor Lingle. “Energy efficiency and use of renewable energy resources is part of the state’s efforts to reduce our dependency on imported foreign oil and this project is a great example of how DHHL is taking the lead to achieve the state’s clean energy goals.”

Keeping energy savings in Hawai‘i and in people’s pockets, instead of sending it out of state means more money for Hawai‘i’s families. Supporting Hawai‘i’s “green” industry creates new jobs, including many that require technical skills for developing, building or installing products like solar panels, photovoltaic components, and energy efficient insulation.

Energy efficiencies will fluctuate depending on lifestyle and from house to house, but could mean savings of several hundred dollars a month for a family of four.

The project will offer two-, three-, four-, and five-bedroom homes that range from the two-bedroom, two-bath Kukui model with 1,008 square-feet of living space for \$221,300 to the five-bedroom, three-bath Lokelani model with 1,675 square-feet of living space for \$295,300. Homes include a solar hot water system, 16-SEER air conditioning, hybrid insulation, "low flow" plumbing fixtures, dual pane Low E vinyl windows, and a compact fluorescent lighting package. (see fact sheet attached for additional information)

Robert W. Brant, president and CEO of Gentry Kapolei Development, LLC, said his company is looking forward to building homes for DHHL.

“We are excited to be working with DHHL and excited about building homes that will help people reduce their cost of living,” Brant said. “This idea of affordable, environmentally responsible living is truly what green building is about and we have worked hard as a company to be a leader in this field.”

Kānehili sits on a 92-acre parcel with minimum lot size of 5,000 square feet. On-site improvements, including construction of roadways, drainage, sewer, water and electrical systems cost \$31.7 million. Offsite improvements including the Kapolei Parkway extension, a 4.0 million gallon water reservoir, water transmission, water mains and sewer trunk lines have cost another \$26.3 million for the development. A portion of the cost (\$6.5 million) was provided by the Native Hawaiian Housing Block Grant (NHHBG) and low income families will receive subsidies provided by NHHBG to enable them to purchase the homes.

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## ***Kanehili***

**East Kapolei, O'ahu  
By Gentry Kapolei Development, LLC  
Green Building Techniques**

### **Energy Star Features**

- Solar hot water system
- Hybrid insulation
- 16-SEER air conditioning
- Dual pane Low E vinyl windows
- Fluorescent light package

### **Gentry's Green Building Approach**

- Carpets installed with nonvolatile glue
- Icynene open cell spray foam insulation on roof areas seals home from outside noise, air infiltration, dust pollens and allergens
- Dual glazed/low E high performance vinyl windows offering extreme durability and superior UV protection
- Compact fluorescent lighting system providing longer bulb life span
- Dual flush toilets
- "Low flow" plumbing fixtures
- HECO approved 80-120 gallon solar water heater with automatic timer – can save up to \$30 each month on electricity bills (smaller house models have the 80 gallon solar water heater)
- Rheem 16-SEER central air conditioning system provides up to 30 percent more energy efficiency
- "Floating" wood-laminate flooring requiring no adhesives (wood-laminate flooring is an upgrade option)

### **On-site Job Operations**

- Exposed soil and slopes stabilized and protected with mulch during grading
- Hazardous wastes are separated and disposed of properly; post clean up procedure conducted for any spills
- Reusable concrete forms are used
- Concrete trucks and pumps are washed only in designated bins or non-pervious areas
- Engineered wood products are utilized from framing fall-off and less desirable wood parts to make quality beams and floor joists
- All bowed/crooked materials are used for blocking, plumb and line or dust screen material