A Summary of the GreenPoint Rated Program

Nathan Krantz – Director of Technical Services
GreenPoint Rated

HOW CAN YOU TELL IF A HOME’S BEAUTY IS MORE THAN SKIN DEEP?

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Smart Solutions from the Ground Up

Pacific Gas and Electric Company
What is GreenPoint Rated?

- GreenPoint Rated is like a report card or a nutrition label

- Provides third party verification
- Represents the gold standard in green homes
GreenPoint Rated is a Consumer Label

- Based on research and industry expertise
- Provides third party verification
- Provides quality assurance
- Sets a standard
GreenPoint Rated: Minimum Requirements

- 50% Waste Diversion by Weight (Recycling or Reuse)
- Perform 15% above Title 24
- GreenPoint Rated Checklist in Blueprints/Construction Documents
- 3-Year Warranty for Shingle Roofs on Multifamily Projects

<table>
<thead>
<tr>
<th>Category</th>
<th>Single-family</th>
<th></th>
<th>Multifamily</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Community</td>
<td>0</td>
<td>31</td>
<td>6</td>
<td>60</td>
</tr>
<tr>
<td>Energy</td>
<td>30</td>
<td>124+</td>
<td>30</td>
<td>68+</td>
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<tr>
<td>IAQ/Health</td>
<td>5</td>
<td>51</td>
<td>5</td>
<td>25</td>
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<tr>
<td>Resources</td>
<td>6</td>
<td>103</td>
<td>6</td>
<td>64</td>
</tr>
<tr>
<td>Water</td>
<td>9</td>
<td>67</td>
<td>3</td>
<td>36</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>50</strong></td>
<td><strong>376</strong></td>
<td><strong>50</strong></td>
<td><strong>253</strong></td>
</tr>
</tbody>
</table>
GreenPoint Rated Categories

Energy Efficiency
Indoor Air Quality
Water Conservation
Resource Conservation
Community Design
Energy Efficiency

Energy is core to a Green Home today!

- Energy efficient homes are **less drafty, quieter**, and have **lower utility bills** than conventionally built homes.

- By making your home more energy efficient, you’ll also **lower your demand on California’s power grid** and reduce your home’s impact on climate change.
Indoor Air Quality

- **Eliminate**
  - Materials that emit toxins
  - Dust and other pollutants

- **Ventilate**
  - Kitchen exhaust
  - Bathroom moisture
  - Whole house

- **Filtrate**
Water Efficiency: Indoor

- High Efficiency Toilet. Dual Flush (.8/1.28 gpf)
- Faucets: Low flow aerators (.5 or 1 gpm)
- Showerheads: Low flow shower heads (1.5 to 1.8 gpm)
- WaterSense washing machine & dishwashers
Water Efficiency: Outdoor

- Plant California natives and other low water use plants
- Reduce turf (grass)
- Mulch
- Group plants with similar water needs (hydrozoning)
- Drip Irrigation/smart sensors
Resource Conservation

- **Using less lumber and reusing existing materials** helps **lower up-front costs**. And because green materials often surpass conventional materials in quality and durability, they can save you money on maintenance costs as well.

- For example, decking materials made of recycled plastic mixed with wood waste fibers can last up to five times longer than wood decking, and never need to be treated or painted.

- Use recycled materials wherever possible, **keeping waste out of landfills** and protecting our forests for future generations.
Community Design

- Urban infill or transit oriented
- Clustered; higher density; smaller size
- Pedestrian friendly
- Designed for safety & social gathering
- Accessible & adaptable
Why Builders Choose GPR?

- **Verification.** Consumer label that provides builders with independent, third-party verification of a home’s green features.

- **Quality Control.** An extra set of eyes on the job site helping builders limit call backs.

- **Affordable and Accessible.** GreenPoint Rated is affordable and builder-friendly.

- **Simple.** An easy, points based program with simple checklists for single and multifamily homes.

- **Marketing & Sales Support.** Sales training, as well as an online library of marketing materials.

- **Environmental Savings.** Climate Calculator helps builders quantify a home’s savings for energy, water, waste, and greenhouse gases.

- **Incentives.** Potential for streamlined permitting and entitlements and program aligns with utility incentives.
"The Value of Green Labels in the California Housing Market" is the first study to provide statistical evidence that constant, a green label on a single-family home in California provides a 9 percent market premium compared to a comparable home without the label.
# GreenPoint Rated and LEED

## HOW DO THEY COMPARE?

<table>
<thead>
<tr>
<th>GreenPoint Rated</th>
<th>LEED for Homes</th>
</tr>
</thead>
<tbody>
<tr>
<td>• New homes</td>
<td>• New homes</td>
</tr>
<tr>
<td>• Existing homes &amp; Remodels</td>
<td>• Gut remodels only</td>
</tr>
<tr>
<td>• Over 17,000 completed in CA</td>
<td>• Over 3,000 completed in CA</td>
</tr>
<tr>
<td>• Accessible yet credible starting point</td>
<td>• Differentiation among greenest builders</td>
</tr>
<tr>
<td>• 3 Prerequisites</td>
<td>• 18 Prerequisites</td>
</tr>
<tr>
<td>• Aligns with state codes</td>
<td>• National standards</td>
</tr>
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</table>
GreenPoint Rated is across the state

Over 17,000 residential units have been certified under the GPR program as of Q1 2013

http://www.builditgreen.org/interactive_gpr_homes_map/
Climate Calculator

The GreenPoint Rated Climate Calculator is the first to measure **total greenhouse gas emissions avoided by building greener homes**.

- **Savings from building green:**
  - Therms
  - kWh
  - GHGs of refrigerant
  - Waste (tons)
  - Gallons of water indoors & outdoors
  - Vehicle miles traveled

- **CO₂ equivalents of all above**
GreenPoint Rated Fees

- **Rater Fees:** GreenPoint Raters work as independent contractors, setting their own rates and service packages. Contractual terms and fee structure are negotiated between you and your Rater.

- For large production builders with single family developments ranging from 50 – 200 units, a Rater will typically charge:
  - $150 - $350 per house/unit. Some Raters charge an additional consulting fee.

- **Build It Green Fees:** GreenPoint Rated New Home currently has a fixed $400 application fee plus a $50 per unit fee for each additional unit.
Suite of Tools

GreenPoint Rated Checklist: Single Family

The GreenPoint Rated checklist tracks green features incorporated into the home. A home is only GreenPoint Rated if all features are verified by a Certified GreenPoint Rater through Build It Green. GreenPoint Rated is provided as a public service by Build It Green, a professional nonprofit whose mission is to promote healthy, energy and resource efficient buildings in California. The minimum requirements of GreenPoint Rated are verification of 50 or more points. Earn the following minimum points per category: Energy (30), Indoor Air Quality/Health (5), Resources (9), and Water (9); and meet the prerequisites A.2.a, H10a, J.2., N.1, and G.0.

This checklist accommodates the verification of mandatory CALGreen measures but does not signify compliance unless accepted by enforcing agency. All CALGreen measures within the checklist must be selected as “Yes” or “Ina” for compliance with GreenPoint Rated. Build It Green is not a code enforcement agency.

The criteria for the green building practices listed below are described in the GreenPoint Rated Single Family Rating Manual. For more information please visit www.builditgreen.org/greenpointrated

Enter Project Name

<table>
<thead>
<tr>
<th>Points Available</th>
<th>Possible Points</th>
</tr>
</thead>
</table>

A. SITE

1. Protect Topsoil and Minimize Disruption of Existing Plants & Trees
   a. Protect Topsoil and Reuse after Construction
      | 0 | 1 | 1 |
   b. Limit and Dilutee Construction Footprint for Maximum Protection
      | 0 | 1 |

2. Divert/Recycle Job Site Construction Waste (Including Green Waste and Existing Structures)
   a. Required: Divert 50% (by weight) of All Construction and Demolition Waste (Recyclable or Reused) (CAL Green Code)
      | N | R |

www.builditgreen.org/greenpoint-rated
Brochure for Buyers

GreenPoint RATED
A PROGRAM OF BUILD IT GREEN

The intersection of
STUNNING + SUSTAINABLE

Brochure for Buyers

GreenPoint RATED certifies that a home was built or remodeled to trusted standards for energy and water efficiency, improved indoor air quality, and sustainable building materials. And since those homes are built to last, they save you money on utilities, maintenance, and repairs.

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5 easy-to-understand categories simplify the benefits of green homes for buyers:
Model tour signs
Questions about GPR?
Professional Training

Check out our website and events calendar.

Certified Green Building Professional (CGBP)

A 2-day, 16 hour course based on the overarching principles of green building and the systems approach to the design, construction and operation of buildings.

Includes a written exam at the end of the training.

Passing the exam grants the following:

- You can now be listed on our Certified Green Professionals Directory as a CGBP!
- Satisfies 1 of 3 eligibility categories for the GPR training series.
# Professional Training – GPR series

<table>
<thead>
<tr>
<th>Certifications</th>
<th>Eligibility Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GreenPoint Rated Core</td>
</tr>
<tr>
<td>New Home Advisor or Rater</td>
<td>✓</td>
</tr>
<tr>
<td>Existing Home (Single Family) Advisor</td>
<td>✓</td>
</tr>
<tr>
<td>Existing Home (Single Family) Rater</td>
<td>✓</td>
</tr>
<tr>
<td>Existing Home Multifamily Advisor or Rater</td>
<td>✓</td>
</tr>
</tbody>
</table>
Certified GreenPoint Rater (GPR)

- Extensive CA network (most large 3rd party firms)
- Prior building industry & green building experience
- Rigorous 2.5 day training (written & field exams)
- Direct contract w/ builder
Questions?

Nathan Krantz
Director of Technical Services

510.590.3360 x124
nkrantz@builditgreen.org