

**CREBL's Renewable Energy Alternative** includes:

- **Retail plaza near CalTrain >**
- **Recology Zero Waste Facility >**
- **PG&E's Martin substation >**
- **Wind farm >**
- **Solar farm >**
- **Offices, Green manufacturing and R&D**
- **Lumber yard**
- **Historic Roundhouse Museum**
- **Creek Park**
- **Open space/ Active Park**
- **Wetlands restoration**
- **Grey water reclamation**

**... sensible development of ca. 1 million square feet**

**... allowable under the Brisbane General Plan**

**... possible under a Community Choice Energy program in San Mateo County**



Map adapted from Dyett & Bhatia, Brisbane Baylands DEIR

**Solar initiative from CREBL\* = Energy from the Baylands For all of Brisbane and beyond**



and **wind** power too!



Low-wind turbine

**\* Committee for Renewable Energy in the Baylands**

**Universal Paragon's** development plans for the Baylands call for 4,400+ housing units, hotels and offices for a total of 12 million square feet, all on contaminated bay fill.

Think of . . .



#### **Developer's Plan**

|                   |                   |
|-------------------|-------------------|
| Demand of project | 72000 MWh         |
| Power Generation  | 43000 MWh         |
| <b>Net</b>        | <b>-31000 MWh</b> |

What would be better:

- A solar farm on 104 acres
- Low-wind turbines, 32 acres
- Open space and parks (proposed in public forums)
- Retail and offices with additional rooftop solar
- A plan that meets the needs of the community
- A giant leap towards true sustainability.

We the voters of Brisbane will have a great opportunity to make a real difference for the future of Brisbane, the Bay Area, and the world . . .

#### **Alternative Energy Plan**

|                   |                   |
|-------------------|-------------------|
| Demand of project | 5800 MWh          |
| Power Generation  | 43000 MWh         |
| <b>Net</b>        | <b>+37000 MWh</b> |



### **Committee for Renewable Energy in the Baylands**

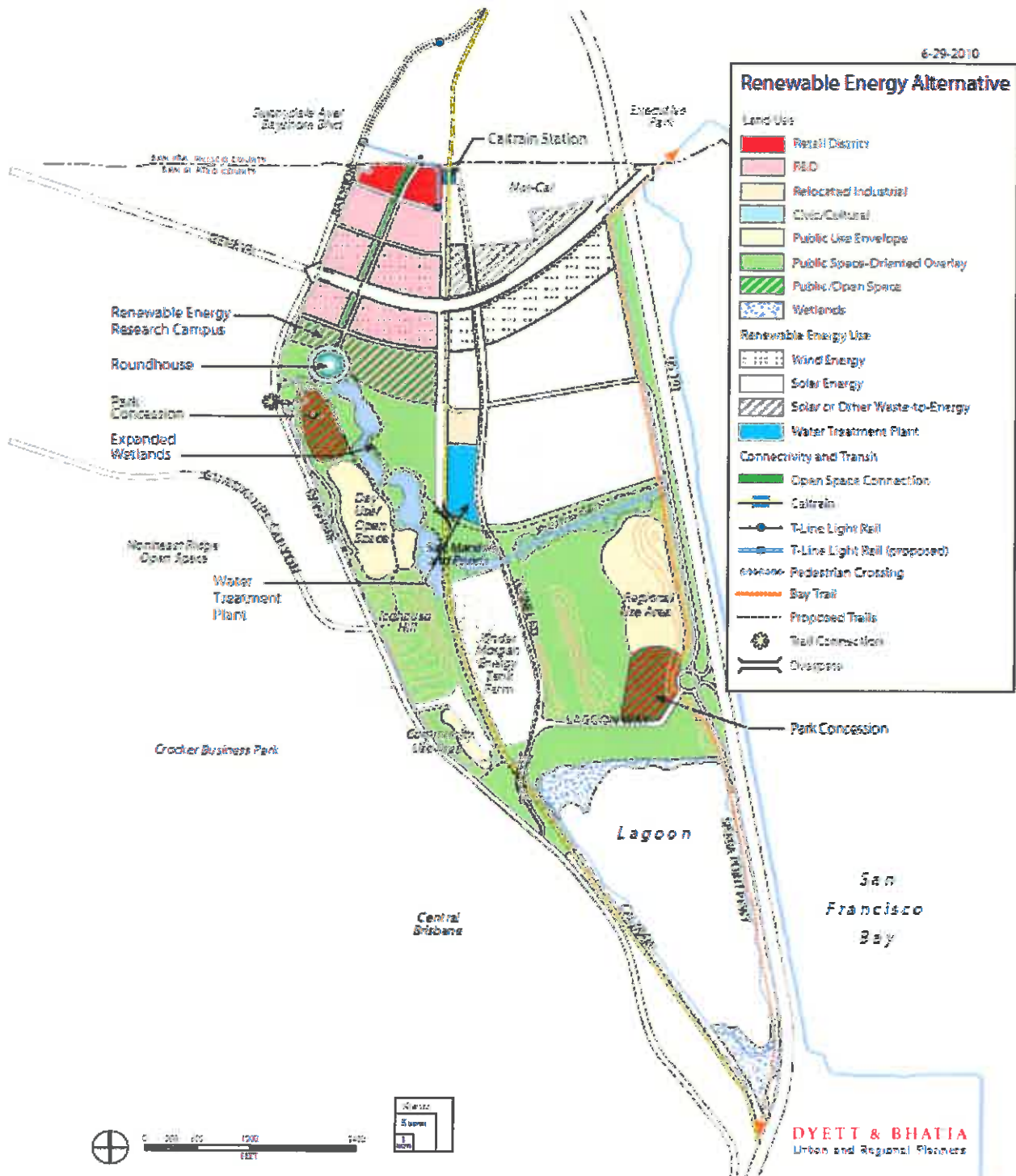
For more information about the Renewable Energy Alternative for the Baylands, see

<http://www.CREBL.org>  
or write to  
[bris.crebl@yahoo.com](mailto:bris.crebl@yahoo.com)

Official City information on the Baylands is at:

[www.ci.brisbane.ca.us/baylands-information](http://www.ci.brisbane.ca.us/baylands-information)

6-29-2010



## **Baylands: Renewable Energy potential for all of Brisbane**

### **Annual Electricity Demand\*)**

|                             |                            |
|-----------------------------|----------------------------|
| <b>Residential Brisbane</b> | <b>Brisbane Businesses</b> |
| <b>8,555 MWh</b>            | <b>55,795 MWh</b>          |

### **Annual Power Supply\*\*)**

|                                |                            |
|--------------------------------|----------------------------|
| <b>Solar Panels, 104 acres</b> | <b>Wind Farm, 30 acres</b> |
| <b>45,660 MWh</b>              | <b>2,100 MWh</b>           |

\*) Source: PG&E data for 2005

\*\*\*) Source: Energy Solutions, Analysis of the Baylands Renewable Energy Alternative; confirmed by EPA/NREL Feasibility Study

## **Brisbane Baylands Renewable Energy Alternative PROPOSED LAND USES\***

### **Open space:** (same as in “Community Proposed” Scenario)

- All lands south of the creek, including Lagoon access
- Watershed and River Park

### **Renewable energy generation:**

- 1) **Solar farm** (photovoltaic cells) of ca. 104 acres north of the creek  
Transmission requirement minimal due to PG&E Martin substation nearby
- 2) **Wind turbines**, low-rise vertical type, 34 acres along proposed Geneva Extension.  
Current technology creates less noise and is harmless to birds
- 3) Recology’s **zero-carbon recycling and biofuel production**, 25 acres adjacent to current transfer station
- 4) Solar and wind power in **all buildings**.  
Maximum total floor area for buildings: **1 million square feet**.

### **Related land uses:**

**Light manufacturing** of equipment and supplies supporting renewable energy; flexible acreage.

**Retail and entertainment center** in the transit-oriented NW corner of the site, walking distance to Schlage Lock housing in SF

**Clean technology research office campus**

**Organic farm product market;** other businesses and organizations promoting renewables.

### **Historic resource:**

**Roundhouse ruins**, center for historic and educational exhibit

### **Existing land uses:**

**Lumber yard** with expansion to include **recyclable building materials**

*\*Planning map attached*

*Official info:* <http://www.ci.brisbane.ca.us/baylands/renewable-energy>

# Vertical axis turbine, 100 kW, 6 x 8 ft.

