

## Green Building Initiative Environmental Score Card



**201 California**  
San Francisco, CA

### Key Energy Efficiency Projects Completed:

- Lighting motion sensors - interior*
- Automatic light timers - exterior*
- HVAC fan intake filter upgrade*
- New variable frequency drive domestic water pump system*
- Changed T-12 ballast/lamps to T-8 & T-5 ballast/lamps*
- Dual direction water saver Flushometers*
- Low water consumption toilets & urinals*
- VAV boxes changed to DDC positive closed type*
- Radiant heat panels changed to fan powered DDC electric heat control VAV boxes*
- Installation of DDC controlled thermostats & sensors*
- All building exterior windows tinted*
- Automatic motion sensors for lavatories, urinals, toilets*

### Environmental Green Building Program(s):

- Green construction improvement projects*
- Building construction materials recycling program*
- Green cleaning products*
- Tenant Green Awareness Day*
- Use of cork flooring as alternative to VCT*
- Low consumption water closets used for all tenant improvement projects*

### Building Score:

			% Increase
Baseline	EPA ENERGY STAR Rating	86	
2008	EPA ENERGY STAR Rating	★ 86	0

### Site Energy Use Summary:

Baseline Source Energy Intensity (kBtu/sq.ft.)	179.9
Current Source Energy Intensity (kBtu/sq.ft.)	180.5

### CO<sub>2</sub> Emissions Reduced (Based on Site Energy Use):

CO <sub>2</sub> (1000 lbs/yr) Tons of Gas	2.07
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### The Above Reduction is Equivalent to CO<sub>2</sub> Emissions From:

<i>Passenger cars not driven for one yr</i>	0.34
<i>Tons of waste recycled instead of land filled</i>	0.65
<i>Propane cylinders used for home barbeques</i>	78
<i>Household electricity use for 1 yr (in # of households)</i>	0.25
<i>Household energy use for 1 yr (in # of households)</i>	0.17
<i>Gallons of gasoline consumed</i>	213
<i>Barrels of oil consumed</i>	4.4

### The Above Reduction is Equivalent to the Carbon Removed By:

<i>Tree Seedlings Grown for 10 years</i>	48.20
<i>Acres of pine or fir forests storing carbon for one yr</i>	0.43
<i>Acres of forest preserved from deforestation</i>	0.01



The EPA ENERGY STAR PROGRAM uses a rating system to assess the energy efficiency of buildings relative to similar buildings nationwide. This rating system is on a scale from 1–100; a rating of 50 indicates average energy performance, while a rating of 75 or better indicates top performance, i.e. equal to or better than 75% of all similar buildings nationwide. An Energy Star Label is given only to buildings that rate over 75.

<b>Greenhouse Gas Emissions / Carbon Foot Print <u>Reduction</u> (CO<sub>2</sub> - 1000 lbs/yr.) Tons of Gas:</b>	<b>2.07</b>
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