



April 3, 2009

Payback Estimate: 40.176 kilowatt PV solar system

**Parking Garage
1250 Jackson St.
Golden, CO**

- Total Job Cost for Solar Equipment Installation = **\$297,236**
- Rebates from Xcel in year 1 = **\$80,334**
- 30% Federal Tax Credit = **N/A**
- 20 year Renewable Energy Credits (REC) payments from Xcel= **\$128,375**

Xcel Rebates + 20 yr REC's = Total Rebate Recovery

$\$80,334 + \$128,375 = \$208,709$

Installed System cost - Total Rebate Recovery = Net Investment

$\$297,236 - \$208,709 = \$88,527$

1st year electric savings of 58,513 kwh/ yr X \$.091 per kwh = **\$5,325**.

Net Investment / Annual savings per year = break even years

$\$88,527 / \$5,325 = 16 \text{ year break even @ current electric rates}$ of ~\$.091/kwh

1st year property value increase - National Appraisal Institute = **\$106,500**

IRR = 3.4 %

25 Year profit = \$114,417

25 year cost per kwh = \$.071

Disclaimer: This fact sheet should be consulted only for general guidance. Real Goods Solar encourages investors or purchasers of qualified solar energy property to seek professional tax advice.