

## ***Savings Calculation for Fair Park, City of Dallas, TX***

### **Labor, Bag, and Fuel Cost / Savings**

**(100 trash cans changed in 1.5 hours equals approx. 1 can per minute)**

1 minute labor equals \$ .67 (@ 4 workers / \$10 per hr.)

3 month period @ 1 change per day @ 100 cans – 3000 per mo – 9,000 changes/period

5 month period @ 3 changes per day @ 100 cans – 9000 per mo - 45,000 changes/period

54,000 minutes per year equals \$36,180 labor costs

Bag Expense equals approx \$.30 per change, totals - \$16,200.

Fuel Expense equals \$ 5,100. (calculated @ 25 gal/wk per 3 mo & 75 gal/wk per 5 mo)

### **25 BigBelly 3 units, changed at same rate:**

3 month period @ 3 changes per week @ 25 cans – 300 per mo – 900 changes / period

5 month period @ 1 change per day @ 25 cans – 750 per mo – 3750 changes / period

4650 minutes per year equals \$ 3,115.50 labor costs

Bag Expense equals approx. \$.90 per change, totals - \$4185.

Fuel Expense equals \$942.60

**Total Labor Savings with BigBelly 3 – \$33,064.50 per year**

**Total Bag Savings with BigBelly 3 - \$12,015.00 per year**

**Total Fuel Savings with BigBelly 3 - \$4,157.40 per year**

**Grand Total Savings per year - \$49,236.90**

**Total Cost of 25 BigBelly units - \$103,500.00**

**Return on Investment will be 2.10 years (or 17 months, considering 8 month use cycle)**

**Savings over 10 year life span of unit will be \$393,895.20**

This is a sample: For your own Savings Calculation  
please call 817-946-3107 [www.solartc.com](http://www.solartc.com)

Adrite, authorized distributor for BigBelly Solar Powered Trash Compactors