Analysis Approach

1. **REM/*Rate*™ software**

2. **Four climates: Chicago, Miami, Baltimore, San Diego**

3. **2000 sf home**

4. **80 and 86 point homes (classic HERS score)**

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Analysis Approach

1. Three levels of efficiency

1. Base
1. Proposed HERS reference home values
2. Refrigerator: 775 kWh/yr
3. Dishwasher: 0.46 EF (cycles/kWh)
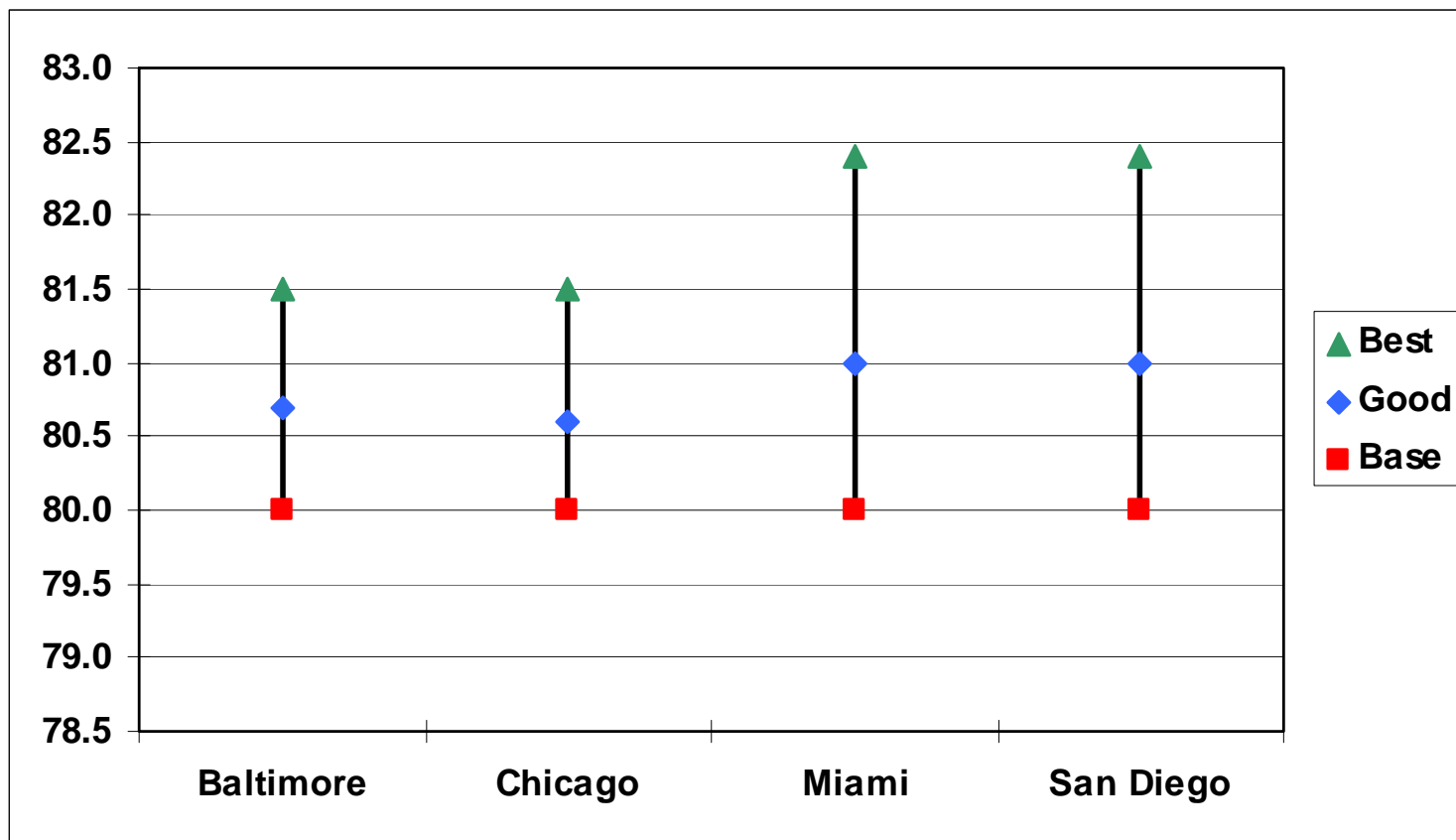4. % Fluorescent: 10.0

2. Good
1. Refrigerator: 651 kWh/yr, 16% reduction is average Energy Star
2. Dishwasher: 0.64 EF, 39% increase is average Energy Star
3. % Fluorescent: 50.0

3. Best
1. Refrigerator: 388 kWh/yr, 50% reduction is best Energy Star
2. Dishwasher: 1.29 EF, 181% increase is best Energy Star
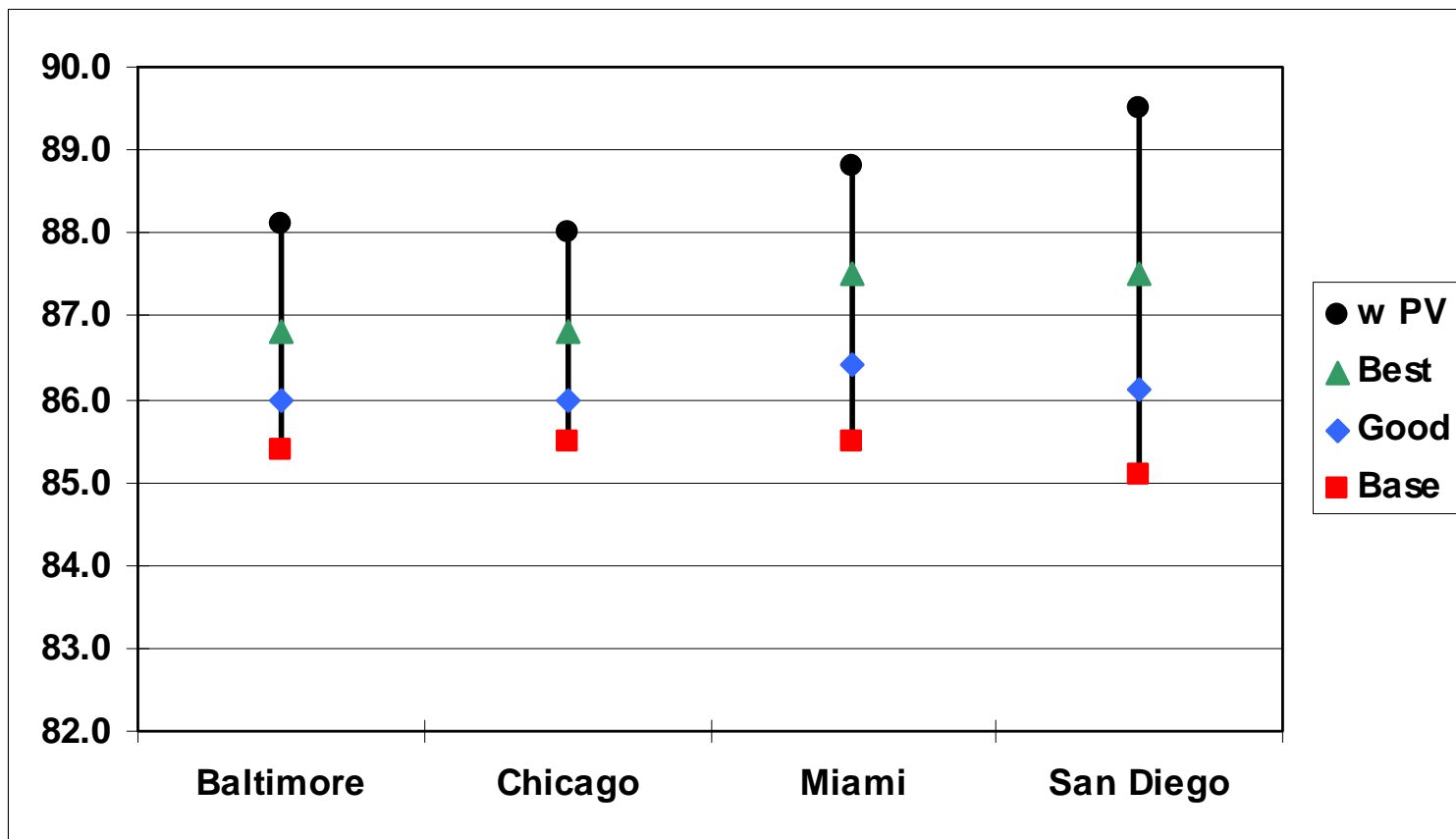3. % Fluorescent: 100.0
4. 2 kW PV system (86 point home only)

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Expanded Rating Scores for
Home w/ Classic Score of 80 Points

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Expanded Rating Scores for
Home w/ Classic Score of 86 Points

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