

























![](_page_6_Figure_1.jpeg)

![](_page_7_Figure_0.jpeg)

| Cost o     | of Renewable En   | ergy                 |
|------------|-------------------|----------------------|
|            | per installed KW  | per kWh<br>generated |
| • Wind     | \$1,700 - \$2,300 | 4.5¢ - 8.0 ¢         |
| • Biomass  | \$1,300 - \$3,000 | 4.5¢ - 8.0¢          |
| • Solar PV | \$5,500 - \$6,300 | 30¢ - 80¢            |

![](_page_8_Figure_0.jpeg)

| Solar PV System          |          |                               |  |  |
|--------------------------|----------|-------------------------------|--|--|
| Revenues                 |          |                               |  |  |
| Reduced grid purchases   | \$38,690 | Assumptions                   |  |  |
| REC sales @ \$.75/kWh    | \$ 1,450 | Installed cost: 6.50/watt     |  |  |
| Total Revenues           | \$40,140 | Rebates: 3.50/watt            |  |  |
|                          |          | Cost: \$325,000               |  |  |
| Expenses                 |          | Avg. daily power gen: 650 kWh |  |  |
| O&M                      | \$ 3,250 | Annual power gen: 193,450 kWh |  |  |
|                          |          | Electric rate: \$.18/kWh      |  |  |
| Operating Cash           | \$36,890 |                               |  |  |
| Debt Service @ 5%, 15 yr | \$31,311 |                               |  |  |
| Coverage ratio 1.18      |          |                               |  |  |
| Ducient Decouver         | \$ 5 570 |                               |  |  |

| Revenues                     |         | Assumptions               |
|------------------------------|---------|---------------------------|
| Electricity sales/savings    | \$4,320 | Cost: \$34, 950           |
| Expenses                     |         | Annual output: 24,000 kWh |
| O&M                          | \$ 349  | Electric rate: \$.18/kWh  |
| Operating cash flow          | \$3,970 |                           |
| Debt Service, - 5% int, 5 yr | \$3,367 |                           |
| Coverage ratio 1.18          |         |                           |
| Ducient meanway              | \$ 602  |                           |

![](_page_9_Figure_1.jpeg)

![](_page_10_Figure_0.jpeg)

![](_page_10_Figure_1.jpeg)

![](_page_11_Figure_0.jpeg)

![](_page_11_Figure_1.jpeg)

![](_page_12_Picture_0.jpeg)