COOL WAY TO HOT WATER

<table>
<thead>
<tr>
<th>Audio</th>
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| Canary 1.19  
1. Heating water is the most cost effective use of solar energy... | 1. Water heating system in manufacturing plant |
| 2. The sun's energy will always be free and | 2. Water heating system on roof of home |
| 3. by using solar energy rather than electricity or gas, to heat water | 3. Another water heating system on roof of home. |
| 4. you will reduce your monthly utility bill. | 4. Electric meter |
| 5. Although there are a large number of different types | 5. Another type of solar hot water system |
| 6. of solar water-heating systems, | 6. Closer shot of above |
| 7. the basic technology is very simple. | 7. Another close shot of above |
| 8. Sunlight strikes and heats an "absorber" surface within a "solar collector". Either water, or a heat-transfer fluid, flowing through tubes, is heated. | 8. Graphic of system with arrows or animatics to show specifics |
| 9. If additional heat is needed, it is provided by a backup conventional water-heating system. | 9. Gas or electric water tank? |
| 10. Even with a conventional backup, | 10. Another gas or electric water tank? |
| 11. a solar water heating system will typically reduce the use of electricity or fossil fuels by 50 to 80 percent. | 11. Opening an APS utility bill with a freeze and super the words: "50%-80% Reduction" |
| 12. These systems are not only efficient, | 12. Attractive system |
13. Some designs actually lay flat against the roof and look like a skylight.
14. One such system is manufactured in Phoenix, Arizona.
   Tom “The advantage of installing solar on a new home construction project is purely economical. From the very first month you move into your home, your utility bill goes down more than your mortgage payment goes up - therefore you're saving money.”
16. In addition to heating water for the home,
17. Arizona is ideal for solar pool heating.
18. Pools are already equipped with a pump,
19. which circulates the water from the pool through the filter, and back to the pool.
20. The only additional thing needed is a valve to divert the water
21. to the pool collectors.
22. It's easy to see that using the sun is truly
23. the Cool Way to Hot Water!

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<td>13. But attractive as well.</td>
<td>13. Another attractive low-profile design, which looks like a skylight.</td>
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<td>19. System diagram with arrows to designate specifics</td>
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<td>23. the Cool Way to Hot Water!</td>
<td>23. Superimpose water heating system over above shot.</td>
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## Special Thanks to Sun Systems

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