

Audio

Video

<p>Canary 1_19</p> <ol style="list-style-type: none"> 1. Heating water is the most cost effective use of solar energy... 2. The sun's energy will always be free and 3. by using solar energy rather than electricity or gas, to heat water 4. you will reduce your monthly utility bill. 5. Although there are a large number of different types 6. of solar water-heating systems, 7. the basic technology is very simple. 8. Sunlight strikes and heats an "absorber" surface within a "solar collector". Either water, or a heat-transfer fluid, flowing through tubes, is heated. 9. If additional heat is needed, it is provided by a backup conventional water-heating system. 10. Even with a conventional backup, 11. a solar water heating system will typically reduce the use of electricity or fossil fuels by 50 to 80 percent. 12. These systems are not only efficient, 	<ol style="list-style-type: none"> 1. Water heating system in manufacturing plant 2. Water heating system on roof of home 3. Another water heating system on roof of home. 4. Electric meter 5. Another type of solar hot water system 6. Closer shot of above 7. Another close shot of above 8. Graphic of system with arrows or animatics to show specifics 9. Gas or electric water tank? 10. Another gas or electric water tank? 11. Opening an APS utility bill with a freeze and super the words: "50%-80% Reduction" 12. Attractive system
---	---

Audio

Video

<p>but attractive as well.</p>	
<p>13. Some designs actually lay flat against the roof and look like a skylight.</p>	<p>13. Another attractive low-profile design, which looks like a skylight.</p>
<p>14. One such system is manufactured in Phoenix, Arizona.</p>	<p>14. Another shot of the above in a manufacturing plant.</p>
<p>15. Tom Bohner (on-camera – short quote). 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.”</p>	<p>15. On camera</p>
<p>16. In addition to heating water for the home,</p>	<p>16. Another solar water heating system on a roof</p>
<p>17. Arizona is ideal for solar pool heating.</p>	<p>17. Swimming pool heating system</p>
<p>18. Pools are already equipped with a pump,</p>	<p>18. Pool pump</p>
<p>19. which circulates the water from the pool through the filter, and back to the pool.</p>	<p>19. System diagram with arrows to designate specifics</p>
<p>20. The only additional thing needed is a valve to divert the water</p>	<p>20. Diversion valve</p>
<p>21. to the pool collectors.</p>	<p>21. Pool Collectors</p>
<p>22. It's easy to see that using the sun is truly</p>	<p>22. Sundown</p>
<p>23. the Cool Way to Hot Water!</p>	<p>23. Superimpose water heating system over above shot.</p>

Audio

Video

<p>24. "Special Thanks to Sun Systems" AUDIO OUT</p>	<p>FADE TO BLACK</p>
--	----------------------