

**Volunteer Resources, Strategies and Incentives**  
**Green Building, Energy Conservation/ Alternative Energy, Water Conservation, Income-Eligible**

The following green building, alternative energy and water conservation strategies, and income-eligible opportunities are provided for the benefit of those wishing to pursue additional approaches not required for construction in the Town of Ridgway. The information below will be updated as frequently as possible and necessary by the Planning and Building Department. We encourage and welcome your input to keep this resource current and practical. Local and regional service providers and businesses are available on the Town website at <http://www.town.ridgway.co.us>

For the more ambitious, the United States Green Building Council (USGBC) has a veritable warehouse of information accessible online at: <http://www.usgbc.org/DisplayPage.aspx?CMSPageID=76#12>

**STATE OF COLORADO CENTRAL RESOURCE FOR REBATES, INCENTIVES, TAX CREDITS, ETC.:** <HTTP://WWW.RECHARGECOLORADO.COM/>

Green Building

| Category | STRATEGY   | RESOURCES/ ADDITIONAL INFORMATION   | APPLICABILITY          |
|----------|--|---|------------------------|
| Resource | Site selection and building orientation (active/passive solar orientation, preserve trees and natural vegetation, natural site drainage, etc.) | Integrated whole building design techniques and technologies:<br><a href="http://www.wbdg.org/design/site_potential.php">http://www.wbdg.org/design/site_potential.php</a><br>Local architects and designers  | New Homes              |
| Resource | Construction material recycling and waste reduction to approach zero waste goals.  | Regional re-sale stores<br>Local farms/ranches (drywall waste as soil amendment)<br>Use of engineered and recycled lumber (barns, outbuildings, etc.)   | New and Existing Homes |
| Resource | Use of products with a high percentage of recycled content and renewable materials   | Decking, insulation, flooring, paint, roofing, fiberboard, landscaping materials, bamboo, cork, recycled wood products, etc.<br>US EPA CPG program for use of recycled products:<br><a href="http://www.epa.gov/waste/conserve/tools/cpg/products/index.htm">http://www.epa.gov/waste/conserve/tools/cpg/products/index.htm</a> | New and Existing Homes |
| Resource | Healthy Interior (indoor air quality)  | No/Low Volatile Organic Compounds (paints, flooring, cabinetry, sealants, oils, adhesives, etc.); Regional paint retailers  | New and Existing Homes |
| Resource | Utilize local labor and materials  | target <100 miles   | New and Existing Homes |
| Resource | Radon Testing  | EPA: <a href="http://www.epa.gov/radon/pubs/citguide.html">http://www.epa.gov/radon/pubs/citguide.html</a><br><i>Free test kits may be available at Town Hall: (970) 626-5308 ext. 16</i>   | New and Existing Homes |
| Resource | Recycling  | Appliances - <a href="http://www.aceee.org/Consumerguide/disposal.htm">http://www.aceee.org/Consumerguide/disposal.htm</a><br>Other recycle resources to be included here   | Existing Homes         |

Energy Conservation/ Alternative Energy

| Category           | STRATEGY  | RESOURCES / ADDITIONAL INFORMATION   | APPLICABILITY          |
|--------------------|---|--|------------------------|
| Rebate             | “Insulate Colorado” provides homeowners with rebates to insulate and air-seal their homes to help reduce energy costs. Rebates are available up to \$500 or 40% of total cost, whichever the lesser (through SMPA), or \$1000 (through Source Gas), or 50% of total cost, whichever the lesser. | Kim Wheels at (970) 728-1340 or <a href="mailto:energy.tncc@gmail.com">energy.tncc@gmail.com</a> or, <a href="http://www.newcommunitycoalition.org/">http://www.newcommunitycoalition.org/</a> or, <a href="http://www.colorado.gov/energy/residential/existing-insulate-co.asp">http://www.colorado.gov/energy/residential/existing-insulate-co.asp</a> or, <a href="http://excessisout.com/sourcegas/">http://excessisout.com/sourcegas/</a> or, <i>Must be a SMPA or Source Gas utility customer</i><br>The insulation must be installed by an eligible Colorado contractor.  | Existing Homes         |
| Rebate             | Alternative /renewable energy power systems ( <i>solar electric, solar hot water</i> ); \$3/watt up to \$4,500  | Governor’s Energy Office (GEO), The New Community Coalition (TNCC), SMPA (rebates); <i>Must be a SMPA customer</i><br>TNCC (970) 728-1340 or <a href="mailto:energy.tncc@gmail.com">energy.tncc@gmail.com</a><br>Town Hall (sales tax rebates: Municipal Code §6-1-12) contact (970) 626-5308 ext. 11 or <a href="mailto:pkraft@town.ridgway.co.us">pkraft@town.ridgway.co.us</a>  | New and Existing Homes |
| Rebate             | Efficiency furnaces, boilers, proper sizing of furnace and boiler; hot water heaters, programmable thermostats, insulation, miscellaneous hot water insulation and infiltration, infrared heating   | Source Gas, GEO (rebates)<br>877-974-7688 or <a href="http://excessisout.com/sourcegas/how_we_can_help/reduce_and_rebate">http://excessisout.com/sourcegas/how_we_can_help/reduce_and_rebate</a><br><i>Must be a Source Gas customer</i>   | New and Existing Homes |
| Rebate / Resource  | Home Energy Audit   | Local Energy Auditors available for all homes or, Source Gas 1-888-212-5899, or <a href="http://excessisout.com/sourcegas/how_we_can_help/home_energy_evaluation">http://excessisout.com/sourcegas/how_we_can_help/home_energy_evaluation</a><br><i>Must be a Source Gas customer for rebate opportunity</i>   | Existing Homes         |
| Rebates            | Qualified Appliances: ground source heat pumps, water heaters, refrigerators, freezers, washing machines, dishwashers, premium electric motors  | SMPA and Tri-State G&T: <a href="http://www.smpa.com/EE/rebates.cfm">http://www.smpa.com/EE/rebates.cfm</a>  | New and Existing Homes |
| Federal Tax Credit | ARRA tax credits for energy efficient equipment and building upgrades   | Credits are available at 30% of the cost, up to \$1500, in 2009 and 2010 for existing homes on the following: windows, doors, insulation, metal and asphalt roof, HVAC, water heaters (non-solar) and biomass stoves; Credits are available at 30% of the cost with no upper limit for existing homes and new construction through 2016 on the following: geothermal heat pumps, solar panels, solar water heaters, small wind energy systems and 30% of cost up to \$500/.5 kW through 2016 for residential fuel cell and micro-turbine systems<br><a href="http://www.energystar.gov/index.cfm?c=products.pr_tax_credits">http://www.energystar.gov/index.cfm?c=products.pr_tax_credits</a><br><a href="http://energytaxincentives.org/uploaded_files/Tax_incentive09.pdf">http://energytaxincentives.org/uploaded_files/Tax_incentive09.pdf</a> | New and Existing Homes |

| Category | STRATEGY   | RESOURCES / ADDITIONAL INFORMATION   | APPLICABILITY          |
|----------|--|--|------------------------|
| Loan     | Manage investment costs of energy efficiency improvements; Potentially increase loan amount and/or decrease interest rates and closing costs by incorporating energy efficiency improvements and decreasing monthly bills                | Energy Efficiency and Improvement Mortgages: initial home purchase or refinance<br><a href="http://www.energystar.gov/index.cfm?c=bldrs_lenders_raters.energy_efficient_mortgage">http://www.energystar.gov/index.cfm?c=bldrs_lenders_raters.energy_efficient_mortgage</a><br><a href="http://www.hud.gov/offices/hsg/sfh/eem/energy-r.cfm">http://www.hud.gov/offices/hsg/sfh/eem/energy-r.cfm</a><br><i>*this resource may or may not be available and remains under exploration</i>   | New and Existing Homes |
| Resource | Energy-efficient appliances, energy audits, sealing your home (walls, roof, windows, floor, insulation), insulation types and efficiencies, energy-efficient lighting, energy conservation tips, heating and cooling efficiency measures | Energy Star appliances, electronics, and lighting:<br><a href="http://www.energystar.gov">http://www.energystar.gov</a><br>Governor's Energy Office (GEO):<br>Professional Energy Audits<br><a href="http://www.energysavers.gov/your_home/energy_audits/index.cfm/mytopic=11180">http://www.energysavers.gov/your_home/energy_audits/index.cfm/mytopic=11180</a><br>Energy Conservation Checklist<br><a href="http://www.colorado.gov/energy/index.php?/residential/energy-conservation-checklist">http://www.colorado.gov/energy/index.php?/residential/energy-conservation-checklist</a><br>Heat Loss and Gain<br><a href="http://www.colorado.gov/energy/index.php?/residential/space-heating-cooling">http://www.colorado.gov/energy/index.php?/residential/space-heating-cooling</a><br>Water Heating<br><a href="http://www.colorado.gov/energy/index.php?/residential/water-heating-water-conservation">http://www.colorado.gov/energy/index.php?/residential/water-heating-water-conservation</a><br>Kill-A-Watt meter to measure energy demand is available at Town Hall | New and Existing Homes |
| Resource | Smart lighting design that incorporates energy saving measures, such as maximum use of CFLs, LEDs, and dimmer switches.  | GEO: <a href="http://www.colorado.gov/energy/index.php?/residential/lighting">http://www.colorado.gov/energy/index.php?/residential/lighting</a>   | New and Existing Homes |
| Resource | Turn everything off when you're not home   | Master Manual Control Switch   | New and Existing Homes |
| Resource | Comprehensive Energy Efficient Home ( <i>building envelope, insulation, mass, heating/cooling, windows, appliances, lighting, independent testing</i> )  | Energy Star for New Homes: <a href="http://www.energystar.gov">http://www.energystar.gov</a><br><a href="http://smartenergyliving.org/cm/Home_Owners/Factsheets.html">http://smartenergyliving.org/cm/Home_Owners/Factsheets.html</a><br>TNCC (970) 728-1340 or <a href="mailto:energy.tncc@gmail.com">energy.tncc@gmail.com</a>   | New Homes              |
| Resource | Insulate hot water heater and pipes<br>Hang clothes to dry   |  | New and Existing Homes |

### Water Conservation

| Category | STRATEGY   | RESOURCES / ADDITIONAL INFORMATION  | APPLICABILITY          |
|----------|--|---|------------------------|
| Free     | Decrease water consumption in existing faucets and showers   | Town Hall – Free aerators and shower heads<br><i>*this is a recommendation only and may or may not be available</i>   | Existing Homes         |
| Rebate   | Encourage installation or retrofit with water conservation devices   | Town Hall – rebates for installation of efficient toilets (1.28 gpf; larger rebate for dual flush at 1.6/.8 gpf); \$25-\$150); faucets, shower heads (\$ or see above), dish washers (\$25-\$50), clothes washers (\$50 -\$150)<br><i>*this is a recommendation only and may or may not be available</i>                      | New and Existing Homes |
| Resource | Standard low-flow vs. dual-flush toilets; Energy-saving & water-conserving low-flow water fixtures (shower heads, faucets, etc.)   |   | New and Existing Homes |
| Resource | Xeriscape/ Low-water landscaping   | Rainwater harvesting; high-desert vegetation; vegetated swales and depressions; pervious paving materials; Keep in mind, the more water you use, the more you may be paying<br><a href="http://xeriscape.sustainable.com/">http://xeriscape.sustainable.com/</a><br><a href="http://xeriscape.org/">http://xeriscape.org/</a> | New and Existing Homes |
| Resource | Water Heating and Conservation Tips<br><i>“Toilets are by far the main source of water use in the home, accounting for nearly 30 percent of an average home's indoor water consumption.” Replacing old toilets can save 11 gallons per toilet each day. – EPA WaterSense</i> | GEO: <a href="http://www.colorado.gov/energy/index.php?/residential/water-heating-water-conservation">http://www.colorado.gov/energy/index.php?/residential/water-heating-water-conservation</a><br>EPA: <a href="http://www.epa.gov/watersense/">http://www.epa.gov/watersense/</a>  | New and Existing Homes |

Income-Eligible Opportunities

| Category      | STRATEGY   | RESOURCES/ ADDITIONAL INFORMATION   | APPLICABILITY          |
|---------------|--|---|------------------------|
| Free Services | Improve the energy efficiency of all residential structures for low-income households; Provide energy upgrades to income-qualified homes to help keep energy costs low   | Weatherization Assistance Program (Income qualifications and details) <a href="http://www.housingresourceswc.org/weatherization.html">http://www.housingresourceswc.org/weatherization.html</a><br>Housing Resources of Western Colorado<br>Phone: (970) 241-2871<br><i>available for owner and renter households</i> | Existing Homes         |
| Resource      | Assistance with registration for Low-Income Energy Assistance Program (LEAP) and utility bill assistance; Registration with LEAP provides other opportunities such as free home weatherization services through the Governor's Energy Office | Ouray County Social Services<br><a href="http://ouraycountyco.gov/social.html">http://ouraycountyco.gov/social.html</a><br>177 Sherman Street, # 104 Ridgway, CO 81432<br>Phone: 970.626.2299<br>Fax: 970.626.9911<br>LEAP Registration (for Energy Assistance): 970.369.5446   | New and Existing Homes |