

**Sustainable Energy Plan**

**For the Midlands Region**

Richland County Update 2015

Executive Summary

Anna Lange

[Langea@rcgov.us](mailto:Langea@rcgov.us)

803-576-1364

|  |  |  |
| --- | --- | --- |
| **Goal** | **Measurable** | **Status** |
| **Clean Energy** |  |  |
| **Launch Alternative Energy Education Initiatives (0-12 Months)** | Annual report on the status of the Energy Efficiency Education Initiative | Energy office released solar report 2015 |
| **Consider Local Incentive Programs (7+ Years)** | Adopt Incentives for Alternative Energy Practices | Achieved solar 2015 IOU |
| **Energy** |  |  |
| **Implement Internal City/County Sustainability Policies Supported by Green Teams (0-12 Months)** | Decrease Usage by 10% relative to a 2009 baseline | 2014 9.66% decrease |
| **Launch an energy efficiency education initiative (0-12 Months)** | Annual report on the status of the Energy Efficiency Education Initiative | 2014 Mandated Annual Building report to council |
| **Adopt a Green Building Resolution for current and future Municipal/County Buildings (1-6 Years)** | The adopted resolution | Adopted 2014 |
| **Implement Incentives for Green Building Practices (1-6 Years)** | Adopt Incentives for Green Building Practices | Adopted 2014 |
| **Assess Options for Local Incentive or Loan Programs (7+ Years)** | Develop a report regarding options for Local Incentives or Loan Programs | Report Generated Council retreat 2015 |
| **Support Reforms to State Energy Policy (1-6 Years)** | Meet annually with the State Energy Office regarding the State's Energy Policy | Ongoing |
| **Green Jobs** |  |  |
| **A. Green Economy Business Climate** | A report of the results of the survey with action items to address its findings | Active through SCCEBA |
| **Planning** |  |  |
| **Encourage Low Impact Development and/or Smart Growth with Emphasis on Public Properties (0-12 Months)** | Approve 5 projects with Low Impact development and/or Smart Growth principles | There have been projects approved using cluster housing and density bonuses to preserve open space |
| **Guide Denser Development Towards Clustering Along Growth Corridors (1-6 Years)** | Amend the Comprehensive Plan to encourage denser development along the growth corridors | Amended as of 2014 Comprehensive Plan |
| **Adopt Favorable Zoning and Permitting Requirements for Alternative Energy Development (0-12 Months)** | Encourage the development of at least one alternative energy development per year | Ongoing 2014- 2015 - solar |
| **Goal 2 - Decreasing Demand Through Broader Initiatives ( Section 3.0 Pages 58-97)** | Adopt local plans in accordance with COATS and COG regional plans | Ongoing |
| **Transportation** |  |  |
| **Encourage Alternatives to Single-Passenger Vehicles (1-6 Years)** | Increase the participation of carpool and transit ridership by 10% each decade | Ongoing |
| **A. Green Economy Business Climate** | Maintain “Attainment” status | Ongoing |
| **Waste** |  |  |
| **Improve Recycling Rate by Local Governments, Businesses and Residents (0-12 Months)** | Improve recycling rates by 10% annual above 2011 baseline rate. | Achieved 21.5% increase statewide, 78.6% increase Richland county 2011-2014 |
| **Phase-in Improvements to Municipal Solid Waste Disposal (1-6 Years)** | Increase solid waste collection by 5% above 2011 baseline collection | Incineration Policy in Place |
| **Phase-in Improvements to Municipal Solid Waste Disposal (1-6 Years)** | Increase solid waste collection by 5% above 2011 baseline collection | Ongoing |
| **Phase-in Improvements to Municipal Solid Waste Disposal (1-6 Years)** | Increase solid waste collection by 5% above 2011 baseline collection | Achieved 2012-2015 |
| **B. Direct Green Economy Jobs** | Annually report on the status of the survey results | Handled at state level |

|  |  |  |
| --- | --- | --- |
| **Goal** | **Measurable** | **Status** |
| **Clean Energy** |  |  |
| **Establish an Alternative Energy Task Force (0-12 Months)** | An Alternative Energy Task Force the meets on at least a quarterly basis | NA |
| **Identify Opportunities for GHP and Industrial CHP (0-12 Months)** | Identify 3 potential sites | NA |
| **Consider Local Incentive Programs (7+ Years)** | Adopt Incentives for Alternative Energy Practices | NA |
| **Energy** |  |  |
| **Implement Internal City/County Sustainability Policies Supported by Green Teams (0-12 Months)** | A report documenting the assessment of the current Energy Building Codes | Handled at state level |
| **Launch an energy efficiency education initiative (0-12 Months)** | Completed Energy Audit | Not complete |
| **Implement Incentives for Green Building Practices (1-6 Years)** | Adopt Incentives for Green Building Practices | NA |
| **Support Reforms to State Energy Policy (1-6 Years)** | Meet annually with the Legislative Delegation regarding State Energy Policy | NA |
| **Enact a More Efficient Local Building Energy Code (7+ Years)** | Decrease total energy usage of non-governmental entities by 1% relative to a 2009 baseline | NA |
| **Explore Public Alternative Energy Project Options (1-6 Years)** | Decrease total energy usage by 10% relative to a baseline of the usage in 2009 | NA |
| **C. Indirect Green Economy Jobs** | Approve one LEED standard project per year | NA |
| **C. Indirect Green Economy Jobs** | Adopt Incentives for Green Building Practices | NA |
| **Green Jobs** |  |  |
| **A. Green Economy Business Climate** | A report of the results of the survey with action items to address its findings | NA |
| **A. Green Economy Business Climate** | Identify at least three items to be purchase cooperatively | NA |
| **B. Direct Green Economy Jobs** | Implementation of one demonstration project | NA |
| **B. Direct Green Economy Jobs** | Meet annually with the coordinating committee to determine status of the Fort's needs | NA |
| **B. Direct Green Economy Jobs** | Annually report on the status for the marketing study | NA |
| **B. Direct Green Economy Jobs** | Meet annually with the coordinating committee to determine status of the industry's needs | NA |
| **C. Indirect Green Economy Jobs** | Annually report on the placement rate of graduates on the program and make changes to the curriculum as warranted | NA |
| **Purchasing** |  |  |
| **Form a Regional Procurement Process that Utilizes a “Green” Criteria for Goods and Services (1-6 Years)** | Identify at least three items to be purchased cooperatively | NA |
| **Transportation** |  |  |
| **Pilot a New Program Economizing Commute of Government Employees (0-12 Months)** | Achieve a 5% participation rate in the program | NA |
| **Waste** |  |  |
| **Phase-in Improvements to Municipal Solid Waste Disposal (1-6 Years)** | Increase solid waste collection by 5% above 2011 baseline collection | NA |
| **Phase-in Improvements to Municipal Solid Waste Disposal (1-6 Years)** | Increase solid waste collection by 5% above 2011 baseline collection | Inactive |
| **Convert Majority of Waste Stream into Economic Inputs to Production (7+ Years)** | Redirect 5% annually of 2011 baseline solid waste collection to an alternate form of disposal | NA |
| **Expand Landfill Gas to Energy Project (7+ Years)** | Development of One Landfill Gas to Energy Project | NA |
| **C. Indirect Green Economy Jobs** | Implement the pilot program and monitor its outcome. | NA |
| **Increase Efficiency of Drinking/Waste Water Systems (1-6 Years)** | Decrease total energy usage by 10% relative to a baseline of the usage in 2011 | NA |