1. Roll Call

2. Approval of the Agenda

3. Approval of the Minutes from August 9, 2010

4. Public Comment

5. Staff Update

6. Board Updates

7. Action Items

   A. West Corridor Station electric charging stations 7:00 – 7:30 pm
      Bob Wilson, candidate for RTD district, will provide a presentation on efforts to
      install charging stations for electric vehicles at the planned Jefferson County light
      rail station.

   B. Strategic Plan 7:30 – 8:15 pm
      The Board will review a preliminary draft of a Strategic Plan to provide guidance
      in achieving the City’s Sustainability Goals.

8. New Business

   A. Agenda topics for next meeting September 13th 8:15 – 8:30 pm

9. Adjourn
CITY OF GOLDEN
COMMUNITY SUSTAINABILITY ADVISORY BOARD
MONDAY, AUGUST 9, 2010
6:30 P.M.

DRAFT

PRESENT:
Tom Atkins
Chuck Baroch
Susan Buhr
Hillary Mizia
Scott Morrissey
Gunter Ritter
Karen Smith

STAFF:
Theresa Worsham, Sustainability Coordinator
Denise Hish, Administrative Assistant

CALL TO ORDER – BUSINESS MEETING:

Tom Atkins, Chair, called the meeting to order at 6:30.

APPROVAL OF AGENDA:

With no changes to the agenda, it was unanimously approved.

APPROVAL OF MINUTES FROM JULY 28, 2010:

With several minor changes, the minutes were unanimously approved. The changes to the minutes will be made, prior to posting to the website.

PUBLIC COMMENT:

Kelly Magelky has lived in Golden for 10 years and founded Filament Productions about 7 years ago [www.filamentproductions.com](http://www.filamentproductions.com). He believes his company could produce a video to show the relevancy of sustainability and would love the opportunity to submit a proposal. Just finished a production for Golden called Red Rocks. Gunter suggested a video that highlights how and what to recycle and answers questions about PAYT.

BOARD UPDATES:

Chuck – Wanted to once again stress that if we are really interested in using City property for wind energy – we should use Guanella Reservoir or Bergen Park reservoir; there is lots of property for turbines, especially at the Bergen park property. Theresa pointed out that large scale projects should be put in the strategic plan. There were several ideas
discussed, including using Upper and Lower Urad and Henderson Mine in various ways for wind projects. Karen suggested we find viable areas that could work for a large scale project.

_Gunter_ – There is a 5k run at Shelton Elementary – fundraiser for PTSA – normally they do a cookie bake sale but wanted to do something different this year to get people moving.

_Gunter_ – Asked if we had heard back from Peter Ewers regarding the residential project study – when will we hear back from him? He suggested that Theresa propose a schedule to him.

_Scott_ – Discussed Buy Local Bags – talk to local Golden business and get them to participate in putting their logos on bags and then let the kids sell the bags as a fundraiser. Theresa said maybe we put together a proposal and take to the Shop Local Group. Hillary suggested putting this under Economic Health.

_Chuck_ – When we impose cost impacts to our citizens, it could have a negative impact. We need to balance what we do with what other communities do.

**STAFF UPDATE:**

Budget is looking more conservative next year – If Initiatives 60, 61 or 101 pass – there will probably not be a sustainability budget. If there are any projects we want to do – we should try and do them this year.

Look at I-neighbors websites – this may be good to use these electronic bulletin boards for Green Teams projects.

CRES, solar tour – Golden will be a sponsor this year, so the sustainability logo will be on their brochures and flyers. We will also have a table if we want to do anything there. Theresa described the Eco Products Party Packs. They are a Boulder based company and she would like to see using them in Golden.

**ACTION ITEMS:**

_A. Strategic Plan_

The Board reviewed the preliminary draft of the Strategic Plan to provide guidance in achieving the City’s Sustainability Goals.

**Introduction:**

Suggestion to add Resolution 1793 to this document as an attachment.

Under intent – important to make clear that we are an Advisory Board and it is not our responsibility to achieve these goals, but advise Council how to.
Tom read a paragraph he wrote for the Intent portion but Theresa said it may be better to put as the Executive Summary. Tom will forward the document to Theresa.

Each Point Person walked through their document, discussing their intent when writing the document. Susan and Karen will not be at the next meeting, so their documents were discussed first.

**Education – Susan**
Karen – suggested we make sure we distinguish between what we have done and what we want to do, moving forward.

Chuck – Feels the education piece is the most important part of the strategic plan and we should add a metric for surveying citizens (collecting data) to see what they want and what is working. May need to hire a professional.

Tom suggested new formatting: Split Goals; Goal 1, then have metrics for Goal 1 and then baseline for Goal 1, then so on for Goal 2, etc.

**Energy Efficiency & Renewable Energy – Karen**
Karen should footnote that this assumes we are going to meet these goals, with growth.

Introduction portion – suggested we put what we are doing, what we have done and then in the strategic plan what we plan on doing. Gunter would like to see “what we have done” in 3 areas – annual report, introduction and each section. Karen and Scott disagreed that it would be too messy and too long; if it were website based, you could have a link that takes you to the things that have been done.

**NEW BUSINESS:**
Next meeting – Strategic Plan and Bob Wilson (Susan and Karen will not be present at this meeting)

**ADJOURN:**
Meeting was adjourned at 8:30.

**NEXT MEETING:**
Wednesday, August 25, Council Chambers, at 6:30pm
## Community Sustainability Advisory Board
### Six Month Schedule - 2010

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<th>September 2010</th>
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### December 2010

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### Meeting Date

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<tr>
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<td>8/25</td>
<td>Strategic Plan</td>
<td>Residential energy efficiency project</td>
<td>- Local Living Economy (Hillary)</td>
<td>- Central Collection site/partnership</td>
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<td>9/13</td>
<td>Finalize Strategic Plan &amp; Baseline data</td>
<td>- Traffic reduction strategies for Washington Avenue (Gunter)</td>
<td>- Review of CSAB 13 priorities</td>
<td>- Housing Study</td>
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<td>9/22</td>
<td>Community Solar Gardens</td>
<td>- Large-scale wind projects in Golden (Dr. Greg Poulous)</td>
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<td>- Recycling pilot program for downtown park</td>
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Future meeting topics:
- International partnership opportunities (Gunter)
- Traffic reduction strategies for Washington Avenue (Gunter)
- Large-scale wind projects in Golden (Dr. Greg Poulous)
- CSM Compost needs for cafeteria waste
- Recycling pilot program for downtown park
Memorandum

To: Community Sustainability Advisory Board
From: Theresa Worsham, Sustainability Coordinator
Through: City Manager, Mike Bestor
Date: August 12, 2010
Re: Community Solar Gardens update

Purpose of Agenda Item: To review progress made to date on the Community Solar Garden effort statewide.

Background: Current law requires investor-owned electric utilities to generate an increasing amount of Colorado’s energy from renewable sources. It also places and emphasis on distributed solar generation, and toward that goal, requires utilities to offer a standard rebate, for the cost of installation, and to purchase the renewable energy credits from customer-sited (retail) solar generation facilities. The customer’s solar generation offsets the customer’s electricity consumption (net metering).

House Bill 10-1342, passed in spring 2010, allows joint solar owners to receive similar benefits as roof-top owners, including:

- Payments for Renewable Energy (REC) credits;
- A credit on their utility bill for power they have generated (net metering), and;
- Payment for annual generation they deliver in excess of their own annual use.

The public benefits created by this bill are much the same that the Board identified at earlier meetings: it gives options to residents and businesses that cannot access rooftop sites because of solar access limitations, it gives renters and low-income residents to access solar, and it provides potential savings through economies of scale.

As part of the enabling legislation, CSGs are limited to the following:

- A minimum of ten or more owners must create a CSG.
- Restricted in size of either 500 kilowatts or 2 megawatts, depending on whether a standard utility offer or a bid through a utility bidding process is chosen;
- Subscribers must reside in the same city or county as the CSG;
- A subscription interest must not exceed 120% of the average annual consumption of electricity at the subscriber’s premises.
**Recent Events:** Since the passage of HB-1342, the Public Utilities Commission (PUC) decided to address the bill in a separate rulemaking. This means there will be a modification to the Commission’s Renewable Energy Standard and likely an entirely new rule devoted to CSGs. Also, Xcel Energy has indicated that they will likely bid out a certain number of the 500 kilowatt to 2 megawatt systems. Systems less than 500 kilowatts will be subject to a standard offer from Xcel.

**Challenges:** Before many Colorado communities can take advantage of the CSG program, several issues need to be addressed:

1. **Securities.** The different possible structures of ownership may conflict with or violate current securities laws. Questions regarding whether CSGs are an investment, yield profit, or comingle funds must be resolved. A possible solution to this issue is to structure ownership in order to comply with securities laws (e.g. create a LLC or limit the number of investors). This issue requires research and legal advice for resolution.

2. **Federal and State Tax Credits.** The issue of how subscribers may declare a portion of the CSG as tax credit is still unknown since current IRS regulations prohibit tax credits for offsite generation. Recent federal legislation (the Sun Act of 2010) may rectify this conflict, but needs additional support by members of Congress.

3. **Zoning.** For Golden, this is a relatively minor issue since there are many areas of the city that allow solar projects (commercial, industrial, and even areas of joint homeowner association ownership).

4. **Xcel bid process.** The total amount of power generated over the next several years from CSGs is expected to be approximately 6 megawatts. At this time, it is unknown how Xcel will divide this amount among the standard offers and the bid projects. It is anticipated that there will be a fair amount of competition and a possibility that the program will be oversubscribed.

**Future considerations:** The Board should discuss next steps to complete items that are within our control while the more significant issues can be addressed by region or statewide efforts. The Board may also talk about any financial support needed for the following:

- A regional effort is underway to resolve or address some of the challenges listed above. In addition, it appears that there will be a few months before the PUC will finalize their rulemaking and Xcel can issue the bid offers. During that time, staff, Tom Atkins, and Elliot Brown will continue to attend the regional meetings and keep the Board apprised of new information.

- A CSG project in Golden may best be achieved through a cooperative partnership of interested residents and local Golden solar business owners. Already, several residents and solar businesses have indicated their interest in joining a Golden program. An initial meeting with interested parties may be an appropriate first step.