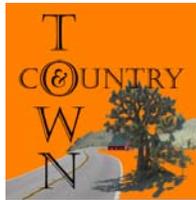


MEETING AGENDA

JUNE 18, 2011

RENEWABLE ENERGY

A COMPONENT OF THE ANTELOPE VALLEY AREA PLAN UPDATE



I. Introductions and Opening Remarks

II. Staff Presentation

- Meeting objectives
- Background on Antelope Valley Area Plan Update
- Background on renewable energy legislation
- Map development process
- Renewable energy goals and policies
- Implementation
- General concerns

III. Workshop

- Issues discussion
- Analysis of draft materials
- Map, policy, and ordinance recommendations

IV. Conclusion

- Summary of meeting outcomes
- Next steps
- Timeline

Workshop Preparation:

We encourage active and informed participation. As a stakeholder what you have to say is important to us.

Please review the two draft materials:

- 1) Map
- 2) Goals and Policies

prior to the III. Workshop portion of this meeting. You will be asked to provide feedback on these specific materials.

Notes: _____

Contact us:

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Renewable Energy Worksheet

PART I: ISSUES DISCUSSION

Directions: You may have different concerns about utility-scale renewable energy projects. Please provide your specific concerns below. If you do not have any at this time, please write "none."

Solar

- 1. Environmental impacts: _____

- 2. Aesthetic impacts: _____

- 3. Adjacent land use compatibility: _____

- 4. Other concerns: _____

Wind

- 1. Environmental impacts: _____

- 2. Aesthetic impacts: _____

- 3. Adjacent land use compatibility: _____

- 4. Other concerns: _____

Process

- 1. Permitting: _____

- 2. Public Hearing: _____

- 3. Other: _____

PART II: ANALYSIS OF DRAFT MATERIALS

Directions: A draft map, goals, and policies were developed to provide a starting point for further discussion on how to address utility-scale renewable energy projects in the unincorporated Antelope Valley. Please provide feedback on these materials.

Draft Renewable Energy Production Priority Map

1. Are there other factors that need to be included in the map? If yes, what others and why?

2. Are the tiered zones, intended to provide different priority levels to areas depending on their level of biological sensitivity, a good approach? If not, why?

3. Other comments: _____

Draft Goals and Policies

Please see accompanying handout titled, "Review of Draft Goals and Policies."

PART III: MAP, POLICY, AND ORDINANCE RECOMMENDATIONS

Directions: If there is a map approach, policy direction, or development standards different from what is being proposed that you would like to recommend, please describe it below.

Map

Is there a different approach you would like to recommend in developing a map that will be used to guide development of future utility-scale renewable energy projects?

Goals and Policies

Are there additional utility-scale renewable energy project related topics that need to be addressed in the goals and policies? If yes, please specify.

Ordinance

Solar development standards that should be addressed: _____

Wind development standards that should be address: _____

OTHER RECOMMENDATIONS OR COMMENTS

OPTIONAL

If you would like to be added to our contact list for the Antelope Valley Area Plan Update, please provide your contact information.

Name: _____

Email: _____

OR Mailing address: _____

Review of Draft Goals and Policies

PART II: ANALYSIS OF DRAFT MATERIALS

Directions: Please indicate whether you think the goals and policies listed below need to be revised or not. If you are recommending change, specify what needs to be addressed.

Goal CCS10

Diverse energy systems that utilize existing renewable or waste resources to meet future energy demands.

- No change.
- Change:

o Policy CCS10.1: Encourage the use of non-hazardous materials in all individual renewable energy systems and all utility-scale renewable energy production facilities to prevent the leaching of potentially dangerous run-off materials into the soil and watershed.

- No change.
- Change:

o Policy CCS10.2: Ensure that all individual renewable energy systems and all utility-scale renewable energy production facilities do not interfere with commercial and military flight operations or communication facilities. Consult with Edwards Air Force Base and U.S. Air Force Plant 42 on all proposed renewable energy projects that require discretionary approval.

- No change.
- Change:

o Policy CCS10.3: Encourage the safe and orderly development of biomass conversion facilities as an alternative to burning agricultural wastes.

- No change.
- Change:

o Policy CCS10.4: Promote methane recapture in existing landfills to generate energy and reduce greenhouse gas emissions from waste disposal.

- No change.
 - Change:
-

o Policy CCS10.5: Encourage the development of emerging energy technologies, such as "solar roads."

- No change.
 - Change:
-

Goal CCS11

Energy systems for use in public facilities that reduce consumption of non-renewable resources while maintaining public safety.

- No change.
- Change:

o Policy CCS11.1: Promote energy retrofits of existing public facilities throughout the County to complement and reduce dependence upon utility-scale renewable energy production facilities, such as solar facilities and wind facilities, in the Antelope Valley.

- No change.
- Change:

o Policy CCS11.2: Promote the use of solar-powered lighting for highways, streets, and public facilities, including parks and trails.

- No change.
- Change:

o Policy CCS11.3: Promote the use of renewable energy systems in public facilities, such as hospitals, libraries, and schools, to ensure access to power in the case of major disasters.

- No change.
 - Change:
-

Goal CCS 12

Individual energy systems for onsite use that reduce consumption of non-renewable resources and dependence on utility-scale energy production facilities.

No change.

Change:

o Policy CCS 12.1: Promote the use of individual renewable energy systems throughout the County to complement and reduce dependence upon utility-scale renewable energy facilities, such as solar facilities and wind facilities, in the Antelope Valley.

No change.

Change:

o Policy CCS 12.2: Require appropriate development standards for individual renewable energy systems to minimize potential impacts to surrounding properties. Simplify the permitting process for individual renewable energy systems that meet these development standards.

No change.

Change:

Goal CCS 13

Utility-scale energy production facilities for off-site use that reduce consumption of non-renewable resources while minimizing potential impacts on natural resources and existing communities.

No change.

Change:

o Policy CCS 13.1: Direct utility-scale renewable energy production facilities, such as solar facilities and wind facilities, to priority locations on the Renewable Energy Production Priority Map (Zones 1 through 3) where environmental, noise, and visual impacts will be minimized.

No change.

Change:

o Policy CCS 13.2: In the High Priority Zone (Zone 1) of the Renewable Energy Production Priority Map, require basic conditions and mitigation measures for utility-scale renewable energy production facilities during the application review process because of the limited potential impacts they may have on known sensitive biotic communities.

No change.

Change:

o Policy CCS 13.3: In the Medium Priority Zone (Zone 2) of the Renewable Energy Production Priority Map, require moderate conditions and mitigation measures for utility-scale renewable energy production facilities during the application review process because of the potential impacts they may have on the swainson's hawk, Mojave ground squirrel, and desert tortoise species habitats, which are known sensitive biotic communities.

No change.

Change:

o Policy CCS 13.4: In the Low Priority Zone (Zone 3) of the Renewable Energy Production Priority Map, require stringent conditions and mitigation measures for utility-scale renewable energy production facilities during the application review process because of the potential impacts they may have on Significant Ecological Areas, which are known sensitive biotic communities.

No change.

Change:

o Policy CCS 13.5: Allow utility-scale renewable energy production facilities outside priority locations on the Renewable Energy Production Priority Map (Zones 1 through 3), provided that a contiguous site has been assembled near new transmission lines on previously disturbed lands that are not designated as Prime Farmland by the State of California, and require stringent conditions and mitigation measures for such facilities during the application review process because of potential impacts.

No change.

Change:

o Policy COS 13.6: Restrict development of utility-scale wind energy production facilities within the Edwards Air Force Base Impact Area, as identified on the Renewable Energy Production Priority Map, to limit interference with military operations.

No change.

Change:

o Policy COS 13.7: Require all utility-scale renewable energy production facilities to implement a decommissioning plan that will restore the full site to its natural state upon complete discontinuance of operations and will restore non-operational portions of the site while the remainder continues operating.

No change.

Change:

o Policy COS 13.8: Promote the use of recycled water in utility-scale renewable energy production facilities to limit impacts on the available fresh water supply.

No change.

Change:

o Policy COS 13.9: Where development of utility-scale renewable energy production facilities cannot avoid sensitive biotic communities, require open space dedication within Significant Ecological Areas as a mitigation measure.

No change.

Change:

o Policy COS 13.10: Ensure that all utility-scale renewable energy production facilities, such as solar facilities and wind facilities, do not create land use conflicts with adjacent agricultural lands or existing residential areas in the vicinity. Require buffering and appropriate development standards to minimize potential conflicts.

No change.

Change:

o Policy COS 13.11: Limit the aesthetic impacts of utility-scale renewable energy production facilities to preserve rural character.

No change.

Change:

o Policy COS 13.12: Coordinate with other jurisdictions to plan for utility-scale renewable energy production facilities in order to minimize impacts to sensitive biotic communities and existing residential areas.

No change.

Change:

o Policy COS 13.13: Review and update the Renewable Energy Production Priority Map when any boundaries within the data layers are revised.

No change.

Change:

Goal COS 14

Energy infrastructure that is sensitive to the scenic qualities of the Antelope Valley and minimizes potential environmental impacts.

No change.

Change:

o Policy COS 14.1: Require that new transmission lines be placed underground whenever physically feasible.

No change.

Change:

o Policy COS 14.2: If new transmission lines cannot feasibly be placed underground due to physical constraints, require that they be collocated with existing transmission lines, or along existing transmission corridors, whenever physically feasible.

No change.

Change:

o Policy CCS 14.3: If new transmission lines cannot feasibly be placed underground or feasibly collocated with existing transmission lines or along existing transmission corridors due to physical constraints, direct new transmission lines to locations where environmental and visual impacts will be minimized.

No change.

Change:

o Policy CCS 14.4: Discourage the placement of new transmission lines on undisturbed lands containing sensitive biotic communities.

No change.

Change:

o Policy CCS 14.5: Discourage the placement of new transmission lines through existing communities or through properties with existing residential uses.

No change.

Change:

o Policy CCS 14.6: Review all proposed transmission line projects for conformity with the goals and policies of the Area Plan, including those listed above. When the California Public Utilities Commission is the decision-making authority for these projects, provide comments regarding conformity with the goals and policies of the Area Plan.

No change.

Change:

o Policy CCS 14.7: Require that electrical power lines in new residential developments be placed underground.

No change.

Change:

o Policy CCS 14.8: When new transmission lines are developed, review and update the Renewable Energy Production Priority Map to reduce the need for long distance tie-ins from utility-scale renewable energy production facilities to electric utility substations.

No change.

Change:
