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East Bay Energy Consortium Siting Study Kickoff Meeting, November 17, 2009

East Bay Energy Consortium

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EBEC Siting Study Kickoff Meeting Notes
November 17, 2009

Meeting Attendees:

EBEC Technical Committee - Andy Shaprio, Joe Fraioli, Joe DePasquale, Gary Gump, Diane Williamson, Garry Plunkett, Dennis Culberson

ASA Team - Daniel Mendelsohn, Deborah Crowley, Dennis Loria

Meeting Notes:

ASA presented a list of topics to be addressed (Attachment A), with the major categories of:

- I. Data
- II. Project Definition
- III. Screening Criteria Development

The following are notes on some of the discussions that addressed the list of topics.

Electric Load & Associated Cost

The preferable format of load and cost data is to obtain numbers broken out by meter with the annual load and the associated rate. The table below summarizes the electrical load data received by ASA to date.

Town	kWh	kW	kW - offsett	kW-avg
Barrington	1,924,142	220		219.7
Bristol	3,204,203	366		365.8
Little Compton	547,235	62		62.5
Middletown	4,532,025	517		517.4
Newport	29,264,397	3341		3340.7
Tiverton	3,013,103	344		344.0
Warren	2,673,452	305		305.2
Portsmouth	4,095,966	468	376.7	90.9
East Providence	???			

The total, 9-municipality load is approximately 5.6MW based on data in the table above, which does not include East Providence. The 9 communities should confirm that the electrical loads represented in the table above are correct for their municipality.

The load could be offset by approximately 20-25 MW installed wind turbine (WTG) capacity at a net capacity factor (CF) of about 25%. That number is below the 30 MW threshold available to the EBEC based on the assumption that each of the 9 municipalities is allowed to net-meter 3.5 MW (31.5 MW) minus the 1.5 MW already in operation, and net metered in Portsmouth.

GIS Data

ASA does not yet have any of the municipal GIS data, although apparently several towns have the data available on the web. Have contact info for Middletown – looks like we will be able to contact them to get the data.

ASA will need either a contact or a data set (shape files of parcels with ownership as a property) for the remaining Consortium /members.

ASA also requested a list from each town (and associated GIS parcel delineation) of any ***other*** lands to be considered in their Town (state, federal, private) as well as any parcels to be excluded from consideration based on local knowledge.

EBEC GOALS

Offset Municipal Electric Loads of nine participating members.

EBEC will own all projects and be responsible for obtaining funding. It was agreed that the funding would not be private and that the study will assume that all projects are municipally owned through EBEC (this affects the assumptions for cost of money which therefore affects the threshold minimum wind speed to achieve appropriate payback).

It was agreed that ASA will operate on the assumption that EBEC will be able to act as a single entity with a single load and that EBEC will take care of collection and distribution of funds/project benefits to its members.

It was also agreed that the study will begin with the assumption that the financial goal will be a minimum of 10% savings in energy costs; this assumes a 20yr project life/load period.

OTHER

The EBEC funded legal evaluation task performed by RWU will be coming to a close soon and a Draft of their findings is expected before the Dec.7th EBEC mtg. EBEC would like ASA to review the draft and provide feedback on the study as well as attend a meeting reviewing the study as well as attend the Dec 7th meeting.

ASA was also requested to update the schedule based on the final project contract and start date of November 11, 2009.

ATTACHMENT A

East Bay Energy Cooperative Siting Study Kickoff Meeting

November 17, 2009

I. DATA

Load Data

1. Electrical load data – mostly available already
2. Rate / tariff data by town

Property Data

1. Municipally owned lots
 - a. Boundaries
 - b. Area
 - c. Abutters
 - d. GIS
2. List of site for consideration
3. Private land for consideration
4. Excluded areas

II. PROJECT DEFINITION

1. EBEC goals?
2. Savings target for projects / overall?
 - a. Minimum threshold – 20%
3. EBEC as clearing house for energy and finance?
4. EBEC, municipal or 3rd party ownership?
5. EBEC funding capacity and sources?
6. Single, multiple or wind park projects?

III. SCREENING CRITERIA DEVELOPMENT

1. Develop minimum criteria for consideration
2. Annual average wind speed
 - a. Cutoff wind speed
3. Municipal owned lots / private lots
4. Available land area
5. Zoning
6. Project Type:
 - a. 1.5 MW
 - b. 2.5 MW
 - c. 4.5 MW
 - d. 10 MW
7. Electrical Interconnect Cost range
 - a. Low cost
 - b. High Cost