

BEAR VALLEY UNIFIED SCHOOL DISTRICT
MINUTES OF A SPECIAL BOARD WORKSHOP MEETING HELD
ON NOVEMBER 19, 2012, SCHOOL DISTRICT OFFICE

Present: Mrs. Beverly Grabe
Mr. Randall Putz
Dr. Kenneth Turney
Dr. Alfred Waner
Mr. Paul Zamoyta

Absent: None

Also Present: Mr. Kurt Madden
Mr. Walter Con
Mr. Tim Larson
Mr. Terry Planz
Mrs. Gail Hastain
Ms. Liz Harris
Siemens Representatives

President Putz called the meeting to order at 10:08 a.m.

Open Session

President Putz called for a Moment of Silence and all present participated in the Pledge of Allegiance.

President Putz called for a motion to adopt the agenda for the meeting. Motion by Mrs. Grabe to adopt the agenda for this meeting. Second by Dr. Waner. President Putz called for the vote. A vote in favor of the motion was unanimously approved.

Adoption of
Agenda
M12-13-144

President Putz opened the Hearing Section for Public Coming at 10:01 a.m. Hearing no request to make Public Comment, President Putz closed the Hearing Section at 10:10 a.m.

Hearing
Section

Mr. Madden introduced representatives from Siemens and acknowledged Mr. Con for his diligence, professionalism, and tenacity in getting the district to this point. Ms. Crawford reviewed the reduce piece and Facility Improvement Measures (FIMS). Ms. Crawford reviewed the FIMS determined to be appropriate to our district and noted a National Operations Management Team has approved each of these energy savings calculations. These will guarantee energy savings - these savings are conservative; they do not take the soft costs and allow for some contingency. In most cases, they will see more savings. Ms. Crawford reviewed the solar project and the carports that will be installed

Workshop

at six sites to include Transportation. Placement of the carports was reviewed site by site. North Shore Elementary School will have a shade structure. Mrs. Crawford reviewed sustainability education which will develop a strong STEM program. Siemens is dedicated to work with all stakeholders. These are resources outside of the solar project that Siemens gives to the district based on our needs. Gross energy savings by FIM was reviewed. This project delivers everything the district requested. This is much more than they thought would be possible in the preliminary study – they have placed solar at all sites. Siemens took into consideration the energy that will be necessary to fuel the five CNG buses. The Power Purchase Agreement was reviewed. Instead of paying Bear Valley Electric, we will pay Siemens for the energy that is generated at a reduced price for twenty years. The District realizes the savings. Mrs. Crawford reviewed the three choices the district will have when the twenty years is over. Mrs. Crawford highlighted the eco-friendly impact of this project.

Questions:

Carbon credits – there is no dollar value in California for renewable energy; they may have a value in the future; it appears we are headed in that direction. How would the district deal with this if it happens? What would be a fair way to split it up?

Maintenance and Operations has the control of when lights come on and go off. They would build a calendar and schedule facility use requests into that. There is an override control would allow a timed event. After that time, the lights would go back to the control state.

After five years, is it possible to purchase the CNG portion only? Single energy contract. PPA – Solar Siemens owns. Capital Equipment Lease, the district owns. CNG the district owns from the start. It is a mix of grants and capital equipment lease. Siemens will check on an early termination penalty.

Implementation if we approve on December 19, 2012? Solar and CNG are the big drivers. Solar would start in the summer; CNG has a target of May for completion. Working on engineering to get DSA submission as soon as possible. We will be working with the San Diego branch of DSA. Lighting will be done during the time we are waiting for DSA. Solar will begin after DSA approval. CNG is separate from school facilities so it will not go through DSA.

As soon as the contract is approved, Siemens can get started on all items that do not require DSA approval (CND and lighting).

The STEM component was explained. Siemens will work with the team that will drive this FIM; it will be fully customizable.

Mr. Con reviewed the steps he has taken in order for this program to be ready for the December 19, 2012 board agenda if a consensus is reached.

The possibility of selling CNG fuel to other entities was discussed. In future planning there is a possibility to help the City of Big Bear Lake, Big Bear Disposal, and others. Siemens feels there is an opportunity to make that available in the future.

In regards to Bear Valley Electric, Ms. Harris hopes the district has looked in to what BBARWA is being charged because they are saving energy. They are having to fight at the State level. Ms. Harris hopes we are aware of the liability we might be facing; it could impact the cash flow.

The City is starting to implement solar in some public yards and they have an education component as well. \$50,000.00 is set aside for the education component with the preliminary being to get the district on board and bus in students to show how the system is working. Also, the students would be able to take a model of a solar panel home with them that they could build.

The question was asked if we have looked at Bear Valley Electric purchasing power from Siemens. This is called Net Metering Management. As long as we produce less than we consume, we will be able to bank and apply it towards other times of day when we need it. This is the safest and most economical way. We are only pursuing the Net Metering Agreement. With all the options available, the district is protected and has the ultimate benefit and freedom. Siemens will do their best to utilize local subcontractors where possible. We could have a plan at some point to buy out with RDA money. The degradation rate was discussed; .5% is an industry standard. In 20 years, the panels will be producing 91%; year 30-87%. Pre and post measurement will be done on non-solar items. 5% samples will show the energy savings. If a natural disaster occurs, who is responsible for the repairs and the cost of repairs? Siemens pays for anything under the Capital Equipment Lease; PPA – Siemens owns it. Between insurance coverages, there would be a claim to cover repairs. They are motivated to be sure the equipment is producing. The model has taken into consideration snow load. They have taken into consideration the times when snow is falling and when snow is on the panels. They have also calculated for shading. There are plans for a PR campaign throughout Southern California and possibly nationally. There will be kick off and groundbreaking events as well as ribbon cuttings.

The Governing Board reached a consensus 5-0 for December 19, 2012.
It was requested documents be provided to the Governing Board a week
prior to the Friday before the meeting.

President Putz adjourned the meeting at 12:13 p.m.

Secretary

Clerk of the Board