



Minutes of DMAFB Alternative Energy Solutions Task Force Meeting

Date of Meeting: December 14, 2006

The Davis Monthan Air Force Base Alternative Energy Solutions (DMAFB AES) Task Force met in regular session in the Patrick K. Hardesty Midtown Multi-Service Center, 1100 S. Alvernon Way, Tucson, Arizona, on Thursday, December 14, 2006.

1. ROLL CALL

The meeting was called to order at 8:02 a.m. by the Acting Chair Valerie Rauluk and upon roll call, those present were:

Members present: Steve Anderson (8:17), Mike Block, Art Fregoso, Sally Gestautas, Paul Huddy (8:10), Sue Keith, Ursula Kramer, Joan Lionetti, Valerie Rauluk, Glen Schrader, Randy Smith, Mike Toriello, Roger Watson

Guests/Staff Present: Margaret Bowman, Larua Burge, Bob Carranza, Doug Crockett, Albert Elias, Matthew Elsner, Pam Foitik, Byron Howard, Mike Jones, Denise Kendle, Jan Kronenburg, Tina Lee, Miguel Ortega, Maximiliano Torres.

Ms. Rauluk introduced herself and Ms. Gestautas as acting chair and co-chair, noting they would continue to serve until or unless another chair is chosen. Members may move for a change of chair and co-chair at any time.

2. REVIEW OF MINUTES (ACTION)

The **MOTION** was made by Roger Watson and seconded by Joan Lionetti to adopt the minutes of November 9, 2006 as written. The Motion was unanimously adopted

3. ADMINISTRATIVE

a. Announcements

There were no announcements.

b. Open Meeting Law

Dave Deibel, City Attorney's Office, provided a legal overview of the Open Meeting Law. Items Mr. Deibel explained to members included:

- What constitutes an Open Meeting and to whom the law applies;
- Agenda and Notice requirements;
- Quorum requirements (half the membership plus one);
- Communications outside public meetings, particularly noting that it is a violation occurs when conversations (including emails) are used to solicit a quorum for a vote at an upcoming meeting; and

- Minute-taking.

In response to a question, Mr. Deibel confirmed that a committee member could remove him- or herself from the committee and speak during call to the audience in order to give information or make a presentation. He cautioned that the member could not request committee action when speaking from the audience but could later ask for an item introduced during that time to be placed on the agenda.

REVIEW OF MISSION & TASKS

4. NEW BUSINESS

i. DMAFB Briefing on Project Framework

Mike Toriello, Deputy Engineer at Davis Monthan Air Force Base, introduced himself and stated that these are most challenging times the Air Force has seen because of reduced resources. He explained how this has encouraged the Air Force to key in more closely on overhead expenses, and since Davis Monthan has one of the highest electric rates of any base, the Base has been asked to look at consumption and ways to reduce cost. Mr. Toriello introduced Bob Carranza and Margaret Bowman to make a presentation on the DM Energy Program and some possibilities being considered for alternative energy.

Ms. Bowman summarized the applicable requirements of the Energy Policy Act of 2005 (EPACT), which mandates that the government increase its renewable energy use over the next eight years (to 2013). The Act defines renewable energy as “energy generated from solar, wind, biomass, landfill gas, ocean (including tidal, wave, current and thermal) geothermal, municipal solid waste and hydroelectric.” Ms. Bowman shared the availability in, or suitability for, this area (Tucson) for each type of alternative energy and provided examples as well as details of current operations throughout the nation.

Mr. Carranza provided an overview of Davis Monthan’s strategy to address both consumption and cost of utilities. He gave examples, such as mass chilled water thermal storage, moving energy intensive processes to off-peak times, applying PV solar technology to avoid construction costs at remote sites, and exploiting thermal technologies and waste heat recovery. Mr. Carranza also addressed some of the challenges the Base has regarding funding.

Task Force members queried details of several examples (such as the volume needed for biomass, the possibilities of either retrofitting or privatizing some functions [this is being done with base housing], and cost vs. output of PV) to clarify the suitability or adaptability of the alternative sources for the Tucson area. Ms. Bowman also explained the differences in waste energy technologies (incineration vs. gasification) and will show a video on this process at the January meeting.

Mr. Toriello noted that the timeline for looking at these options is likely at least a year and that the criteria for the selected option are that it be economically feasible and able to pay for itself. He reemphasized that the Base wants to work with the community and that the Task Force recommendations will be incorporated with the Base’s information, although members should keep in mind that these decisions will be made at the Command, not the Base, level.

5. OLD BUSINESS

- i. Response to Greater Tucson Strategic Energy Plan**
a. DM letter

Due to the lateness of the hour, the Chair suggested that Item 5, Old Business be deferred to the January meeting.

6. CRITERIA FOR EVALUATION (ACTION)

Members agreed there was insufficient time to address this Item. A **MOTION** was made by Steve Anderson and seconded by Roger Watson that Item 6, Criteria for Evaluation, be the subject of the January meeting and that members come prepared with ideas and recommendations for the evaluation criteria. The Motion carried unanimously.

Ms. Rauluk suggested members also consider which technologies the Task Force would examine since their mission is to look at *all* positive alternatives.

7. AGENDA ITEMS FOR NEXT MEETING

Items for the next meeting will be:

- Short video from Davis Monthan presentation
- Criteria for Evaluation
- Technologies to be considered

8. CALL TO AUDIENCE

Chair asked if anyone from the audience wished to speak; no audience members responded.

9. ADJOURNMENT

The meeting was adjourned at 9:52 a.m.