

Program Name	EPAAct 2005, 2606 Wind/Hydro Feasibility Study
Date and Time of Meeting:	November 5, 2007 9:00 – 11:00 Mountain
Place:	Conference Call
Subject of Meeting:	WHFS Work plan response to comments review / discussion
Meeting Leader:	Mike Radecki
Reporting (Minutes):	Mike Radecki



## Agenda– November 5, 2007

To access the conference call dial **877-643-6951** then enter the pass code **87705226#**

**Wind/Hydro Feasibility Website:** <http://www.wapa.gov/ugp/powermarketing/default.htm>

### Agendas

No.	Item Description	Lead	Time
1.	<b>Introductions / Attendance</b> <input checked="" type="checkbox"/> Jim Haigh, <input checked="" type="checkbox"/> Jody Farhat, <input checked="" type="checkbox"/> Trevor McDonald, <input type="checkbox"/> Karl Wunderlich, <input checked="" type="checkbox"/> Paulette Schaeffer, <input type="checkbox"/> Darin Larson, <input type="checkbox"/> Scott Doig, <input type="checkbox"/> Brian Parsons, <input checked="" type="checkbox"/> Mike Costanti, <input checked="" type="checkbox"/> Tom Weaver, <input type="checkbox"/> Warren Mackey, <input checked="" type="checkbox"/> Pat Spears, <input checked="" type="checkbox"/> Vic Simmons, <input checked="" type="checkbox"/> Mike Radecki, <input type="checkbox"/> Mark Messerli, <input checked="" type="checkbox"/> Jim Haigh, <input checked="" type="checkbox"/> Walter White Tail Feather, <input type="checkbox"/> Steve Wegman, <input checked="" type="checkbox"/> Matt Schuenger, <input checked="" type="checkbox"/> Dave Rich, <input checked="" type="checkbox"/> Mike McDowell, <input checked="" type="checkbox"/> Rick Hunt, <input checked="" type="checkbox"/> Bob Rusch, <input checked="" type="checkbox"/> Doug Hellekson, <input checked="" type="checkbox"/> John Richards, <input checked="" type="checkbox"/> Bob Gough	Mike	
2.	<b>WHFS response to comments review/discussion</b>	Mike	60 min
3.	<b>Tribal Wind Energy Project Questionnaire</b>	Mike	30 min
4.	<b>Wrap-up</b> <ul style="list-style-type: none"> <li>• Discussion review</li> <li>• Action items</li> <li>• Next meeting / conference call</li> </ul>	Mike	10 min
5.			
6.			
7.			

### 1. Major Discussions

No.	Discussion
1.	Bob Rusch provided an overview of the comments / response to comments and changes to the Project Work Plan as a result of the review period
2.	A significant amount of discussion revolved around the quantity of wind Western will use for the demonstration projects. Specifically, how would the analysis of historical purchases translate into assumptions for the amount of wind that would be studied for integration. Would the analysis utilize averages or some other statistical methodology to determine this quantity? As written, the Project Work Plan assumes the Project Team will establish minimum and maximum amounts of wind that can be used by Western in meeting its load obligations based on historical purchases (i.e., the difference between load and generation).. A previous discussion included a reference to evaluating penetration percentages. As the understanding that the focus of this project is on substituting wind energy for current Western purchases, the penetration percentages become less applicable.
3.	Sub Hourly Analysis – Several team members re-emphasized their concern for the need for sub-hourly analysis. The current work plan does not definitively state this will be conducted, but

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	rather the need for sub hourly analysis will be determined once the proposed amounts of wind are established. This discussion raised a question as to why Western would limit the amount of Tribal wind utilized. The 2606 legislation directs Western to evaluate the amount of wind energy that would help Western meet its load obligations. Western believes this translates to how much wind Western can use throughout the directed 30 year study period to minimize historical purchases while maintaining overall positive cost/benefit for its members. This will certainly be a continued discussion point through the rest of the study.
4.	Comment made regarding a reference to the purchase of capacity. Western has sufficient capacity to meet its allocations. Comment noted – Project Work Plan revised.
5.	Historical data – Question as to whether Western is going to share the historical data with the team. The historical data and analysis methodology will be shared with the team once the rough data has been analyzed
6.	Accredited capacity – Question regarding how the value of accredited capacity will be addressed? At this point it is not known, but will have to be quantified and addressed in the economics.
7.	Tribal Project questionnaire – Comment made that many of the Tribal projects will not have the level of detail requested in the questionnaire. This comment was acknowledged, but the objective of the questionnaire was to gather as much information on the proposed projects as possible in order to minimize the assumptions the Study Team has to make.
8.	Comment made regarding the interpretation of historical hydro data.
9.	Question regarding how other wind projects will affect the WHFS. It’s assumed that all wind projects that Western currently provides regulation and control for will have some impact in the analysis.
10.	Clarification made regarding the integration of wind for Western’s use versus integration of wind for Western to market (i.e., above Western’s load obligations)

**2. Action Items:**

Assignee	Description/Status	Date to be Completed
Bob Rusch	Remove references to Western “purchasing capacity” as Western has the capacity necessary to fulfill its load obligations	ASAP – to finalize the workplan

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**3. Parking Lot:**

Task Description
Historical data review – share with team when available

**Next Meeting /Call:**

Friday, December 7, 1 pm Mountain Standard