

Program Name	EPAAct 2005, 2606 Wind/Hydro Feasibility Study
Date and Time of Meeting:	December 7, 2007 1:00 – 3:00 Mountain
Place:	Conference Call
Subject of Meeting:	WHFS Preliminary Data Analysis review / discussion
Meeting Leader:	Mike Radecki
Reporting (Minutes):	Mike Radecki



Minutes– December 7, 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.	Introductions / Attendance ___x Jim Haigh, ___x Jody Farhat, ___x Trevor McDonald, ___Karl Wunderlich, ___Paulette Schaeffer, ___Darin Larson, ___Scott Doig, ___Brian Parsons, ___Mike Costanti, ___x Tom Weaver, ___Warren Mackey, ___x Pat Spears, ___x Vic Simmons, ___x Mike Radecki, ___Mark Messerli, ___x Jim Haigh, ___x Walter White Tail Feather, ___Steve Wegman, ___x Matt Schuerger, ___x Dave Rich, ___ Mike McDowell, , ___x Rick Hunt, ___Bob Rusch, ___Doug Hellekson, ___x John Richards, ___x Bob Gough, ___x Ed Weber ___x Margaret Bad Warrior, ___x Bill Schumacher, ___x Kim Massey ___x Roy McAllister, ___x Tom Wind, ___x Roger Schiffman ___x Roger Freeman, ___x Brad Nickell, ___x Shawn Micken	Mike	
2.	River Operations Overview	Jody	20 min
3.	WHFS Historical Data Analysis review/ discussion <ul style="list-style-type: none"> • Preliminary analysis to date • Corps projections – selection of wet/dry periods 	Kim	90 min
4.	Tribal Wind Energy Project Questionnaire	Mike	10 min
5.	Wrap-up <ul style="list-style-type: none"> • Discussion review • Action items • Next meeting / conference call 	Mike	10 Min
6.			
7.			

1. Major Discussions

No.	Discussion
1.	Jody Farhat provided an outstanding overview of the Upper Missouri River System including an overview of the system as well as system operations. To reach the Corps web page google “ nwd rcc ” Topics reviewed include; <ul style="list-style-type: none"> • Authorized purposes • Primary guidance documents – Master manual, annual Operating plan, biological opinion, Daily orders, standing orders and regulation reviews (process) • Operating constraints – seasonal and non-seasonal – including flexibility in generation • Depletion studies • Cost allocation – does not include recreation / Fish & Wildlife • Reservoir replenishment 7-8 years of median runoff to refill

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2.	<p>Kim Massey reviewed the preliminary data based on historical operations. Several discussions were held regarding the data and the meaning of that data. Key topics and or points made include;</p> <ul style="list-style-type: none"> • Do not use the term high water years – instead we’ll use high generation year • Prepare a depiction of water and generation on the same graph • The current slide depicting high generation is not really a high generation year – need to pick a better year-we will add a high generation year to the current data analysis; the data from 2000 will become a median generation year • Several comments about what is Normal – and the question was asked--Is the old normal generation year, a new high generation level? • Suggestion to incorporate long term weather and wind generation characteristics into the next stage of the analysis; the long term weather projections will be addressed in WE 5, using results from the low, median and high generation (three weather pattern assumptions) historical analysis in WE 2. • Reviewed sample weekly patterns from 2000 and 2005 • Discussed impact of peaking power allocations - reduces need to purchase during off peak due to energy returns. • Presented a proposal for 30 year projection and Single year 2011 projections for WE5 analysis
3.	Tribal Wind Project Questionnaire – Several Tribal participants committed to return completed questionnaires the week of December 10 th .
4.	
5.	
6.	
7.	

2. Action Items:

Assignee	Description/Status	Date to be Completed
Western	Establish new high generation year – likely 1997	

3. Parking Lot:

Task Description

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Next Meeting /Call: