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March 2, 2006

MEMORANDUM

TO: Power Committee

FROM: Terry Morlan

SUBJECT: Major Policy Issues for 2006

Materials for this discussion are included in the full Council packet under the item on Power and Fish and Wildlife Division work plans. In the table below, I have tried to forecast agenda topics relating to the major policy issues for Council and Power Committee meetings during the rest of 2006. The table represents only major progress points or decisions. There will be frequent progress and status reports, as well as agenda items relating to other issues and activities.

Month	Potential Topics
April	<ul style="list-style-type: none">• Discussion of Regional Dialogue draft policy• Public comment on Regional Adequacy policy• State of climate change science presentation
May	<ul style="list-style-type: none">• Develop Council comments on Regional Dialogue policy• Council adoption of Regional Adequacy policy• Climate change white paper
June	<ul style="list-style-type: none">• Presentation on Regional Dialogue policy and ROD
July	<ul style="list-style-type: none">• Progress report from Grid organizations
August	
September	<ul style="list-style-type: none">• Report on resource reporting process for resource adequacy assessment• Release paper on regional capacity metric and target for comment• Annual adequacy assessment for coming winter season
October	<ul style="list-style-type: none">• Public comment on capacity metric and target
November	<ul style="list-style-type: none">• Council decision on capacity metric and target
December	
January 2007	<ul style="list-style-type: none">• Biennial assessment of the power plan status and implementation

Major Power Issues for 2006

Regional Dialogue:

- Final technical and policy group meetings [end of February]
- Bonneville policy proposal [April]
- Council review and develop comments [May/June]
- Bonneville policy and ROD [July]
- Monitor progress toward new contracts by 2008

Resource Adequacy:

- Council release of issue paper [February]
- Public comment [March/April]
- Council adoption of regional energy metric and target [May]
- Forum development of resource reporting process [September]
- Forum development of regional capacity metric and target [September]
- Council adoption of regional capacity metric and target [November]
- Forum potential development of further implementation mechanisms (beyond reporting and public assessment of regional results)
- WECC development of westwide capacity and energy metrics and targets, including input from Forum on recommended application to the Northwest

Power Plan Implementation (Conservation and Renewables)

- Work with regional utilities, Bonneville and others to promote implementation of the Council's power plan
- More detail provided in the staff work section that follows

Recovery Plan and Biop Analysis:

- Provide input to NOAA Fisheries' effort to develop a new biological opinion
- Provide independent analysis of proposed hydroelectric operations
- Assess potential impacts to power system cost and adequacy

Transmission Organizations:

- Grid West business plan and board election (next two months?)
- Grid West development and potential offering of some services
- ColumbiaGrid developed over next 4-6 months
- ColumbiaGrid offers early services
- Major issue: Ensuring the two work together

Monitor Climate Change Research:

- Council presentation on state of climate change science [April]
- White paper on climate change and its effects in region [May]
- As data becomes available, reassess potential climate change impacts to the power supply and hydroelectric system
- Work with others to assess the likelihood of various climate change scenarios
- Work with others in the region to develop mitigation strategies
- Investigate the potential to include climate change uncertainty into the portfolio model

Other Staff Work

Conservation implementation:

- Facilitate and coordinate the Regional Technical Forum
- Collect and assess data on utility conservation acquisitions
- Work with NEEA and Oregon Energy Trust
- Participate in national and regional efforts to improve building codes and energy efficiency standards
- Provide input and guidance to utility assessments of conservation potential
- Identify and research improved efficiency technologies

Wind Confirmation:

- Develop a method of assessing how wind resources can be integrated into the power grid
- Evaluate how much wind generating capacity can be integrated into the system
- Identify potential problems or additional costs associated with wind integration
- Assemble an advisory group to identify actions need to be taken to confirm the ability to develop the windpower called for in the Plan. Issue wind confirmation plan (2006).
- Work with NTAC to identify long-distance transmission requirements for developing the windpower called for in the Plan (report late 2006 or 2007)
- Assess the effects of shaping windpower on other functions of the hydropower system (2006-07?).

IGCC Assessment:

- Convene the IGCC Advisory Committee and prepare an assessment of the commercial progress of coal gasification power generation technology (by 2007)

Transmission Assessment for Plan Resources:

- Work with the Northwest Transmission Assessment Committee (NTAC) of the Northwest Power Pool to develop assessments of the cost and feasibility of new long-distance transmission lines and reinforcements to access new remote generating resources (Phase I of Canada-Northwest-California study expected later in 2006).

Demand Response:

- Work with utilities to explore development of demand response
- Participate in national and other state processes to develop demand response
- Develop methods of assessing the cost effectiveness of demand response approaches

Plan Implementation and Assessment:

- Quarterly work plan status reports (April, July, October)
- 2-year implementation status report (Jan 2007)
- Ongoing collection of data and monitoring of basic assumptions; e.g. energy prices, demand, generating alternatives and costs, conservation technologies, etc.

Participate in Utility IRP Processes

- Attend IRP Technical Advisory Committee meetings as appropriate

- Summarize the current policies in IRPs and aggregate to compare to Council plan
- Check for progress on action items GEN-1 through 6 and 12

CO2 Production and Policy Assessments:

- Prepare assessments of gross and marginal CO2 production from electric power generation in support of the Oregon Carbon Allocation initiative, Oregon Energy Trust cogeneration project evaluation and Regional Technical Forum cost-effectiveness methodology (ongoing and as requested).

Genesys Model Enhancement:

- Update resource and load data
- Review hourly load simulation
- Add ability to calculate flood control curves, drafting rights curves, and Canadian reservoir operation
- Add capability to run 70 historical water conditions
- Add capability to run 24 periods per year (as opposed to 14)
- Update model documentation

Design New Demand Forecasting Methods:

- Review and map current and future business requirements/goals for the model [April]
- Identify resource requirements [May]
- Select/develop required tools
- Benchmark/update baseline consumption levels
- Evaluate methods for developing demand response supply curve
- Data updating methods
- Load shapes and temperature adjustment

Participate in Various Western Energy and Transmission Initiatives

- Contribute to WECC processes on transmission planning, load/resource analysis and other efforts.
- Contribute to the Western Interstate Energy Board natural gas study
- Others as requested

System Benefits Charge Assessment:

- Report to Power Committee [by 2008]

Coordinate the Independent Economic Analysis Board:

Provide data and information as requested:

- Power plan data and interpretation
 - Information of regional energy markets
 - Generating resources status and costs
 - Other
-

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March 1, 2006

MEMORANDUM

TO: Power Committee

FROM: Terry Morlan

SUBJECT: Major Power Issues for 2006 and Power Division Work Plan

Most of the Power Division work plan is organized around action items in the Council's 5th power plan. In addition, there is a list of other activities not specifically called for in the power plan. These other activities account for a substantial share of the staff's time. They include maintaining and improving the databases and models that support the Council's analytical capability.

Action items in the power plan address most of the major policy issues that we can foresee for 2006 in the power plan. Below is a list of these issues.

- Regional dialogue on the future role of Bonneville
- Establish regional resource adequacy measures and standards
- Analysis of recovery plan and biological opinion effects on power system
- Address transmission system problems
- Climate change issues and policies
- Facilitate and assess implementation of Council's power plan [Numerous items]

The last item covers a lot of activities including parts of the major policy issues that precede it. Although it is not as specific as the other policy issues, it covers what must be considered the Council's primary policy responsibility on the power side.

A copy of the Power Division work plan is attached. In addition, I have attached a condensed version of the activities that the Power Division is engaged in. The first section of the condensed list addresses the first five major policy issues above. The second section provides more detail on other activities planned for the Power Division and provides more specificity regarding activities relating to the sixth bullet above.

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Power Division Workplan Tracking and Assessment

Develop a strategic plan for conservation acquisition: CNSV-3

COUNCIL STAFF	OTHERS
Tom Eckman, Charlie Grist	Council, BPA, utilities, SBC Administrators, Alliance, regulators, state energy offices, efficiency industry, other stakeholders

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES	Establish quarterly meetings with regional coordination group. Identify progress and gaps in implementation. Prioritize and schedule solutions.	Complete scoping study to develop workplan for roof-top HVAC systems in progress under RTF. Prioritize and initiate other scoping studies under RTF.		
STATUS	Contract for scoping study to develop workplan for roof-top HVAC systems in progress under RTF.			
COMMENTS	Revised to be an ongoing assessment of progress and gaps and subsequent development of solutions to fill those gaps. Staff work on the conservation strategic plan has evolved into an analysis of regional conservation implementation activities; identification of gaps in plans and achievements; and cooperative development of solutions and initiatives to fill the gaps.			

**Revise and adopt state and federal energy codes and efficiency standards that capture all regionally cost-effective savings:
CNSV-6**

COUNCIL STAFF	OTHERS
Tom Eckman, Charlie Grist	Council, State and local code bodies, DOE, HUD, BPA, Utilities, SBC Administrators, and The Alliance

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES	Participate in federal standards rulemaking on 3-5 products during the coming year.	Work with Alliance and other stakeholders to conduct economic analysis of alternative measures that could serve as the basis for “best of PNW” model energy code. Develop estimates of savings from new state and federal standards. Develop recommendations for program modifications where savings will be achieved from new standards.		Ongoing-- Work with state code agencies in code revision cycles to adopt new codes where warranted.
STATUS	Participated in US DOE’s priority setting workshop federal efficiency standards and joined with other parties to comment on process improvements to catch up on over 25 standard’s revisions that are overdue.			
COMMENTS	EPACT 2005 established standards for 15 products. These were issued October 18, 2005. EPACT 2005 also required that DOE promulgate new standards for an additional 10 products. Several states and NRDC are suing DOE to require the agency to meet its statutory deadlines. In 2005 OR and WA adopted efficiency standards on 6 additional products not covered by the new federal law.			

Establish a mechanism and funding to develop regional coordination and acquisition of non-Lost Opportunity (LO): CNSV-7

COUNCIL STAFF	OTHERS
Tom Eckman, Charlie Grist	Council, BPA, Utilities, SBC Administrators, the Alliance, Regulators, the States

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES		Test voluntary approach to funding via roof-top HVAC, or other suitable projects scoped by RTF.		
STATUS				
COMMENTS				

Establish a mechanism and funding for the annual reporting and tracking of regional conservation investments and accomplishments: CNSV- 8

COUNCIL STAFF	OTHERS
Tom Eckman, Charlie Grist	Council, Regulators, Bonneville, utilities, SBC Administrators, the states, and the Alliance

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES	Survey Bonneville, utilities, SBC Administrators, the states, and the Alliance to estimate 2005 conservation achievements and expenditures	Work with utilities, SBC Administrators, the state commissions, and the Alliance to encourage participation in survey.		
STATUS	The capability to track all regional conservation progress has been added to the Bonneville's planning, tracking and reporting software.			
COMMENTS	While the capability to track non-BPA program activity and expenditures exists in the software, reporting this activity is voluntary.			

Evaluate performance of System Benefits Charge (SBC) Programs: CNSV-13

COUNCIL STAFF	OTHERS
Tom Eckman, Charlie Grist	Council

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES	Review recent studies others have done. Scope report.			Finalize report
STATUS	In Progress			
COMMENTS	Scheduled in plan “by 2008”			

**Develop cost-effectiveness methodology; Evaluate cost and benefits of improved metering and communication technologies;
Explore ways to make price mechanisms more acceptable: DR-2; DR-4; DR-6; DR-8**

COUNCIL STAFF	OTHERS
Ken Corum	Council, BPA, Utilities, Regulators

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES	3 rd Demand Response Workshop	4 th Demand Response Workshop	Progress Report on DR	
STATUS	Have held 3 workshops to discuss demand response and drafted a cost-effectiveness paper for discussion			
COMMENTS	Efforts are ongoing throughout the country, staff participating in CA efforts and national conferences.			

Timely acquisition of cost-effective renewable and cogeneration projects, including potential lost-opportunities: Identify cost-effective renewable and cogeneration projects: GEN-1

COUNCIL STAFF	OTHERS
King	Utilities, Boards, Commissions

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES				
STATUS				
COMMENTS	This action calls upon utilities, with the encouragement and support of their boards or commissions to actively identify potential cost-effective renewable and cogeneration projects. For IOUs and larger consumer-owned utilities, this action can be incorporated into the IRP process. The Council can encourage this activity through participation in the IRP processes of the major utilities.			

Procedures and criteria in-place at all major utilities for evaluating renewable and cogeneration projects. Establish procedures for evaluating renewable and cogeneration projects: GEN-2

COUNCIL STAFF	OTHERS
King	Utilities, Boards, Commissions

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES				
STATUS				
COMMENTS	This action calls upon utilities, with the encouragement and support of their boards or commissions to develop and adopt procedures for evaluating renewable and cogeneration projects. For IOUs and larger consumer-owned utilities, this action can be incorporated into the IRP process. The Council can encourage this activity through participation in the IRP processes of the major utilities.			

Remove, insofar as feasible, of disincentives to utility acquisition of power from projects owned or operated by others, including, for IOUs, the lack of return on power purchase contracts: GEN-3

COUNCIL STAFF	OTHERS
King	Utilities, Boards, Commissions

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES				
STATUS				
COMMENTS	The initiative for accomplishing this action largely lies with the utilities and commissions.			

Adoption of uniform interconnection standards to streamline the design, permitting, contracting and construction of small-scale generation facilities: GEN-4

COUNCIL STAFF	OTHERS
King	Utilities, Boards, Commissions

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES				
STATUS				
COMMENTS	The initiative for accomplishing this action largely lies with the utilities and commissions.			

Acquisition of lost-opportunity renewable and cogeneration projects identified through the activities called for in Actions GEN-1 and GEN-2: GEN-5

COUNCIL STAFF		OTHERS		
King		Utilities, Boards, Commissions		
TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES				
STATUS				
COMMENTS	For IOUs and larger consumer-owned utilities, this action will be accomplished through the IRP process and subsequent resource acquisition activities. Though the initiative for accomplishing this action largely lies with the utilities and commissions, the Council can encourage this activity through participation in the IRP processes of the major utilities.			

Facilitate the sale of power from customer-owned or operated generation surplus to utility needs to improve the economic attractiveness and cost-effectiveness of these projects: GEN-6

COUNCIL STAFF		OTHERS		
King		Utilities, Boards, Commissions		
TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES				
STATUS				
COMMENTS	In many cases, utilities are better positioned to market power than customer owners of generation. The initiative for accomplishing this action largely lies with the utilities and commissions.			

Develop and maintain inventory of ready-to-develop projects to meet possible future needs in accordance with schedule shown in the 5th Plan: GEN-7

COUNCIL STAFF		OTHERS		
King		Project developers		

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES				
STATUS	The current regional inventory of project options (permitted or near-permitted projects not under construction) is estimated to include approximately 6400 MW of gas-fired generation, 920 MW of wind power, 780 MW of coal and 100 MW of small hydro.			
COMMENTS	The current inventory of project options greatly exceeds the inventory called for in the Plan, largely as a result of development initiatives stemming from the energy crisis of 2000-01 and, for renewables, federal production tax credit prospects. Many of gas-fired projects are currently inactive and it is not clear how “durable” these options will be, though gas-fired options are not included in the five-year scope of the action plan.			

Report on the commercial progress of coal gasification combined cycle technology by 2007 to allow the Council to assess the feasibility of the current resource development recommendations (calling for an IGCC option by 2012): GEN-7A

COUNCIL STAFF	OTHERS
Jeff King	Council, IGCC Advisory Committee

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES	Convene IGCC advisory committee; identify technology status indicators, identify criteria marking satisfactory progress, sources, develop report outline	Commence assessment of status indicators	Convene IGCC advisory group to review interim results of assessment. Identify additional needs, modifications to report, etc. Progress report to Power Committee.	Issue draft report for review & comment. Convene IGCC advisory group to discuss report & comments, establish requirements for final report.
STATUS				
COMMENTS				

Develop a strategic plan for achieving the objectives of Action GEN-8, Confirmation of cost-effective large-scale wind development potential: GEN-8A

COUNCIL STAFF	OTHERS
King	Council (lead), Windpower Advisory Group

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES	Charter a Windpower Advisory Committee (?)	Convene wind advisory group, review status of wind development; identify further actions needed to confirm large-scale wind development potential, preliminary responsibilities, criteria and timing; develop format of Strategic Plan.	Commence development of strategic plan	Convene wind advisory group to review interim results of assessment. Identify additional needs, modifications to report, etc. Progress report to Power Committee.
STATUS				
COMMENTS				

Assessment of the effects on the hydropower system of shaping large amounts of wind capacity for the purpose of estimating the value of and limits on shaping services: GEN-9

COUNCIL STAFF		OTHERS		
King, Fazio, Schilmoeller		Council (lead), BPA, utilities with wind integration experience, Corps of Engineers		
TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES				Make initial assessment of shaping wind with hydro.
STATUS	Some staff discussion of how this might be addressed analytically.			
COMMENTS	This work may have to be delayed until modeling upgrades are complete.			

Develop a regional market for wind power integration products: GEN-10

COUNCIL STAFF		OTHERS		
King		Utilities and Bonneville		
TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES				
STATUS				
COMMENTS	Waiting to hear from Bonneville. The regional dialogue process is addressing a commitment for BPA to provide wind shaping and support products.			

Use state-of-the-art technology in new plant construction consistent with cost and risk considerations: GEN-11

COUNCIL STAFF	OTHERS
King	Developers, permitting agencies, utilities, commissions, architect-engineers

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES				
STATUS	Wholesale market and competitive pressures seem to be enough to ensure this occurs			
COMMENTS	Evidence of the use of state-of-the-art large equipment technology in new plant development includes the use of “G-class” gas turbines in PGE’s Port Westward combined-cycle plant, Vestas V-80 turbines in the Hopkins Ridge and Wild Horse wind parks and Energy Northwest’s proposed IGCC project.			

Regionwide use of state-of-the-art resource evaluation methods that consider all significant risks and uncertainties when evaluating resources for acquisition. Ensure that all feasible resource alternatives are considered: GEN-12

COUNCIL STAFF	OTHERS
King (?)	Utilities, commissions

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES				
STATUS				
COMMENTS	Staff intends to participate in all major utility IRP processes. A system for monitoring, comparing and concisely reporting on the methods and data used for these activities is being developed.			

Investigate the feasibility of developing the proposed coal-gasification combined-cycle power plant of Action GEN-7 with advanced coal gasification technology demonstration capability including carbon separation and sequestration: GEN- 13

COUNCIL STAFF	OTHERS
King	Council, project developers, the states, Bonneville, utilities and other interested organizations

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES	Staff will convene the IGCC Advisory Committee. Energy Northwest will brief the Council regarding its proposed IGCC project.			
STATUS				
COMMENTS	Staff proposes to use the IGCC Advisory Committee as a forum to explore this issue. The proposed Energy Northwest IGCC project could serve as a platform for technology demonstrations.			

Support and monitor efforts to develop commercially available carbon sequestration technology suitable for Northwest applications: GEN-14:

COUNCIL STAFF	OTHERS
King	Council, states, utilities

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES	Staff will convene the IGCC Advisory Committee			
STATUS				
COMMENTS	Staff will explore use of the IGCC Advisory Committee to monitor this effort. The proposed Energy Northwest IGCC project could serve as a platform for technology demonstrations.			

Refine estimates through feasibility studies of transmission options for importing power from oil sands cogeneration to the Northwest: GEN-15

COUNCIL STAFF	OTHERS
King	Bonneville, regional transmission providers

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES	Staff attend NTAC meetings, provide technical support.	Staff attend NTAC meetings, provide technical support.	Staff attend NTAC meetings, provide technical support.	Staff attend NTAC meetings, provide technical support Release of Canada - Northwest - California report.
STATUS	Staff is actively participating in the NTAC feasibility study.			
COMMENTS	The NTAC Canada - Northwest - California workgroup is preparing the draft report on its assessment of the cost and capacity of new and expanded transfer paths from potential new generation in northern BC and Alberta. The geographic scope is broader than called for in this action and will include coastal BC wind areas, N. BC & AB hydro, AB wind, etc., in addition to the Ft MacMurray oil sands area. This will facilitate consideration of a much larger slate of potential resources in future plans. The report is expected to be completed during 2006. Also see TX-1.			

Perfect commercially available energy storage technologies for Northwest applications including demand reduction, wind integration: GEN-16

COUNCIL STAFF	OTHERS
King	Bonneville, Council, states, utilities

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES				
STATUS	(Call into Mike Hoffman @ BPA for update)			
COMMENTS	This action was requested by Bonneville in support of activities of its Technology Innovation Office.			

Demonstrate commercial standardized small-scale renewable and cogeneration technology for standard applications GEN-17:

COUNCIL STAFF	OTHERS
King	Utilities with commission support, states, Trust, equipment vendors, developers

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES	Staff participates in the monthly meetings of the Oregon Energy Trust Renewable Energy Advisory Council			
STATUS	Oregon Energy Trust launched its Biopower program in 2006.			
COMMENTS	The Open Solicitation, Wind and Biopower programs of the Oregon Energy Trust and the solar photovoltaic and community wind programs of the Last Mile Electric Co-op support the commercial demonstration of standardized renewable and cogeneration technologies for Northwest applications.			

Establish regional and West-wide reporting standards for the assessment of adequacy: ADQ-1

COUNCIL STAFF	OTHERS
Wally Gibson, John Fazio	WECC, Council, NWPP, CREPC, BPA, regional utilities and regulators. (WECC process and schedule drive outcome)

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES	RA Steering Committee to take recommendation to constituents	Convey NW recommendation to WECC		
STATUS	Initial recommendation set to be made on Jan 24			
COMMENTS	Once the metrics and targets are established, the data requirements become clearer			

Carry out a process to establish adequacy standards for NW: ADQ-2

COUNCIL STAFF	PARTICIPANTS
Wally Gibson, John Fazio	Council, NWPP, BPA, regional utilities and regulators, WECC, CREPC

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES	RA Steering Committee to take recommendation to constituents	RA final recommendation. Assess reliable out-of-region supply Develop benchmark for Genesys.	Reassess the RA status of the NW based on 2006-07 operating year data	
STATUS	Initial recommendation set to be made on Jan 24. BPA is currently working on out-of-region supply. Council staff has benchmarked the energy portion of Genesys			
COMMENTS	More work needed to fill in the details for the capacity standard. This reassessment should occur every September or whenever data for the upcoming operating year is updated (see MON-1)			

Improve consideration of risk in utility IRPs ADQ-3

COUNCIL STAFF	OTHERS
Michael Schilmoeller	Council, utilities, regulators

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES			Workshops with target utilities	
STATUS				
COMMENTS	Contractor will resume working on model and user interface during FY2006. Workshop and utility versions delayed until 3 rd quarter 2006.			

Broaden focus of forums addressing issues re fish and wildlife operations, to include long-term planning concerns; put in place emergency operations strategy: F&W-1

COUNCIL STAFF	OTHERS
John Fazio, Terry Morlan	Federal agencies, states, tribes, others

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES				
STATUS				
COMMENTS	This process has been overshadowed by court actions. NOAA fisheries will be redoing the biological opinion and this issue should be addressed in that process. The fish and legal divisions should be the lead on this.			

Plan for long-distance transmission needs to support the resource development called for in the plan: TX-1

COUNCIL STAFF	OTHERS
Gibson; King, Schilmoeller	Bonneville, other transmission providers, Power Pool; NTAC

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES	Staff attend NTAC meetings, provide technical support. Continued participation through NTAC process/ schedule	Staff attend NTAC meetings, provide technical support.	Staff attend NTAC meetings, provide technical support.	Staff attend NTAC meetings, provide technical support Release of Canada - Northwest - California report.
STATUS	NTAC has released report on incremental transmission upgrades to accommodate additional resource development in eastern Montana.			
COMMENTS	Work continues on two additional assessments: Transmission requirements for accessing northern BC and Alberta resources (Canada - Northwest - California study), and transmission and shaping requirements to integrate large-scale WA & OR wind power development (schedule not yet established). Council staff attends relevant meetings and provides technical support where feasible. Also see GEN-15.			

Region agrees to and begins implementation of transmission solutions: TX-3

COUNCIL STAFF		OTHERS		
Wally Gibson		Bonneville, other transmission providers, regional transmission customers, states, IPPs		
TIMELINE	1st Quarter 2006	2nd Quarter 2006	3rd Quarter 2006	4th Quarter 2006
MILESTONES	Grid West decision on continued development expected at end of January. ColumbiaGrid initiated.			
STATUS				
COMMENTS	Staff participating in Grid West and Columbia Grid development. Key regional interest is getting to seamless operations between the two.			

Periodically report on load resource situation – Regular semi-annual reports: MON-1

COUNCIL STAFF		OTHERS		
John Fazio, Terry Morlan		BPA, PNUCC, other utilities		
TIMELINE	1st Quarter 2006	2nd Quarter 2006	3rd Quarter 2006	4th Quarter 2006
MILESTONES	Monitor resource and load conditions, in particular the water conditions.	Monitor resource and load conditions, in particular the water conditions.	Reassess the load/resource balance.	
STATUS	This information is maintained on our web site. Runoff volume is updated bi-weekly from Jan through Aug.			
COMMENTS	This reassessment should occur every September or whenever data for the upcoming operating year is updated.			

Monitor conservation development: MON-2

COUNCIL STAFF	OTHERS
Tom Eckman, Charlie Grist	Bonneville, utilities, Energy Trust, Alliance

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES				
STATUS				
COMMENTS	See CNSV-8			

Monitor progress on resolving uncertainties associated with large-scale wind resource development (Actions GEN-8, GEN-8A, GEN-9) to support assessment by the Council of the feasibility of wind development called for in the plan: MON-3

COUNCIL STAFF	OTHERS
Jeff King	Council, Wind Advisory Committee

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES	Charter a Windpower Advisory Committee (?)			
STATUS				
COMMENTS	Staff is considering the establishment of a standing Wind Advisory Committee. This committee would first assist staff in preparing a Wind Confirmation Plan (Action GEN-8A). Following release of the confirmation plan in late 2006, early 2007, the Committee would assist staff in preparing a periodic report assessing progress in resolving wind development uncertainties and the continuing feasibility of the wind development called for in the 5 th Plan.			

Monitor Climate change science and policy: MON-4

COUNCIL STAFF	OTHERS
John Fazio, Ken Corum	University of Washington Climate Impacts Group, BPA, EPA, Congress

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES	Monitor political actions regarding emissions. Monitor research on climate change.	Council staff white paper on Climate Change. Review and update the relationship between temperature and loads, for modeling purposes.		
STATUS		Work on white paper is in progress.		
COMMENTS	This is an ongoing process. As new information is received, it will be assessed and reported to the Council.			

Monitor Demand Response: MON-5

COUNCIL STAFF	OTHERS
Ken Corum	BPA, Utilities

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES		Progress Report on DR		
STATUS	Staff is participating on a technical advisory group for CA research on DR. Also presenting our work at national conferences on DR			
COMMENTS				

Biennial monitoring report: Review data, forecasts underlying plan, recommend plan revision if necessary: MON-7

COUNCIL STAFF	OTHERS
Morlan lead with others	

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES	Interim report on status of power plan assumptions - Jan.			Biennial report on power plan status and implementation
STATUS				
COMMENTS	Ongoing: Maintain data bases on loads, fuel and power prices, resources. Requires ongoing collection and analysis of data on demand, fuel prices, evolving technology for generation and efficiency, hydroelectric capability			

Monitor progress toward implementation of Council recommendations re Bonneville's Future role: MON-8

COUNCIL STAFF	OTHERS
Terry Morlan	

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES	Council and staff continue to participate in process. Expect draft policy from Bonneville in late March	Comment on draft policy? April/May Bonneville policy and ROD in early June	Ongoing - Bonneville developing contracts for post 2011 to be signed in October 2007	
STATUS	Negotiations ongoing regarding residential exchange, cost control, and conflict resolution			
COMMENTS				

Bonneville and Council review respective policies re implementing 6©: MON-9

COUNCIL STAFF	OTHERS
Legal Division	Council, Bonneville

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES			Expect completion of regional dialogue, then will assess 6c policy implications	
STATUS	Council staff has reviewed 6c policy and initiated discussion with Bonneville. Further action delayed until completion of Regional Dialogue on Bonneville role in resource acquisition			
COMMENTS				

Other Items Not In Action Plan: New demand forecasting system

COUNCIL STAFF	OTHERS
Terry Morlan	Demand Forecasting Advisory Committee

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES		Assess demand forecasting system requirements	Report on approach and design of demand forecasting system	Reestablish the Demand Forecasting Advisory Committee
STATUS	Hired Massoud Jourabchi, started work in February.			
COMMENTS	Some preliminary data collection, design and estimation was done in 2005			

Other Items Not In Action Plan: Continue development and documentation of Olivia/ Portfolio model

OWNERS		OTHERS		
Michael Schilmoeller		System Analysis advisory Committee		
TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES	Work with selected individual utilities in application of models		Utility version of Olivia model and training workshops	
STATUS	Contractor working on model and user interface. Utility version of model and workshops delayed until at least 2nd quarter 2006.			
COMMENTS	Some additional contracting will be required during 2006. 2007 – complete and document utility version			

Other Items Not In Action Plan: Provide analysis and information about the plan and the regional energy system

OWNERS		OTHERS		
All Staff				
TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES				
STATUS				
COMMENTS	This is an ongoing activity that requires a substantial amount of staff time and resources. Council adopted a policy for approval of analysis requests of different magnitudes and sensitivities.			

Other Items Not In Action Plan: Regional Technical Forum

COUNCIL STAFF	OTHERS
Tom Eckman, Charlie Grist, Ken Corum	RTF Members, other stakeholders

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES				
STATUS	Funding for program has been secured from Puget, Avista, Idaho Power and the Energy Trust of Oregon. Bonneville funding pending			
COMMENTS				

Other Items Not In Action Plan: Participate in Utility IRP Processes

COUNCIL STAFF	OTHERS

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES	Assign lead staff representatives for each utility. Develop a status report on IRP status.	Report on IRP status and contents		
STATUS	Completed			
COMMENTS	Participation in utility IRP processes is a key strategy for encouraging regional achievement of the plan and for tracking progress in its implementation. (See action items GEN 1- 6 and CNSV – 8)			

Other Items Not In Action Plan

COUNCIL STAFF	OTHERS

TIMELINE	1 st Quarter 2006	2 nd Quarter 2006	3 rd Quarter 2006	4 th Quarter 2006
MILESTONES				
STATUS				
COMMENTS				