

**Difference Between the Federal Load Resource Analysis
Rate Case 2003 and White Book 2000
Under 1937 Critical Water Conditions**

FY Annual Energy in Megawatts	2003	2004	2005	2006	Explanation
LOADS					
<i>Difference Non-Utility Obligations (Rate 2003 - WBK 2000)</i>					
Federal Agencies 1981 PSC Sale	0	0	0	0	
USBR 1981 PSC Sale	0	0	0	0	
DSI 1981 PSC Sale	0	0	0	0	
Federal Agencies 2002 PSC Sale	-5	-5	-6	-6	New forecast of Federal Agencies
USBR 2002 PSC Sale	0	0	0	0	
DSI 2002 PSC Sale	-804	-1085	-1085	-1092	New DSI forecast from load levels lower than the 1486 aMW of May 2000 Rate Case
Difference Firm Non-Utility Obligations	-809	-1090	-1091	-1098	
<i>Difference Transfers Out (Rate 2003 - WBK 2000)</i>					
NGP 1981 PSC Sale	0	0	0	0	
GPU 1981 PSC Sale	0	0	0	0	
IOU 1981 PSC Sale	0	0	0	0	
NGP 2002 PSC Sale	-114	-78	-102	-99	New forecast of publics
GPU 2002 PSC Sale	13	2	-1	-38	New forecast of publics
NGP Slice Sale	12	9	7	7	Updated slice resource stack
GPU Slice Sale	21	16	12	12	Updated slice resource stack
IOU 2002 PSC Sale	0	0	0	0	Actual IOU PSC obligations net the IOU PSC and other IOU contracts in IRT(In)
Exports	-171	-126	-126	-99	Marketer contract expiration, termination, or power sales conversions
Intra-Regional Transfers (Out)	738	-43	-62	36	New marketing contracts and update in energy delivered under PPL capacity sale
Supp & Entitlement Capacity (Out)	0	0	0	0	
CSPE To West Group Utilities	0	0	0	0	
Federal Diversity	0	0	0	0	
Difference Transfers Out	499	-220	-272	-180	
Difference Total Firm Obligations	-310	-1310	-1363	-1278	
RESOURCES					
<i>Difference Hydro Resources (Rate 2003 - WBK 2000)</i>					
Regulated Hydro	131	96	70	95	New hydro regulation from 00FebSmooth to 03sn65 and new hydro improvements
Independent Hydro	-10	-10	-9	-9	No Packwood Lake
Sustained Peaking Adjustment	0	0	0	0	
Non-Fed CER (CSPE)	0	0	0	0	
Non-Fed CER (Canada)	0	0	0	0	
Restoration	0	0	0	0	
Difference Hydro Resources	121	87	61	86	
<i>Difference Other Resources (Rate 2003 - WBK 2000)</i>					
Small Thermal & Misc.	0	0	0	0	
Combustion Turbines	0	0	0	0	
Renewables	0	0	0	0	
Cogeneration	0	0	0	0	
Imports	2	-9	-9	-9	
Intra-Regional Transfers (In)	349	296	295	289	No WNP3 Settlement returns and update in energy delivered under PPL capacity sale
Supp & Entitlement Capacity (In)	0	0	0	0	
Large Thermal	2	0	2	0	
Non-Utility Generation	34	33	31	9	Timing of new NUG resources purchased by BPA
Resource Acquisition	0	0	0	0	
Difference Other Resources	387	320	319	290	
Difference Total Resources	508	407	380	376	
<i>Difference Reserves & Maintenance (Rate 2003 - WBK 2000)</i>					
Hydro Reserves	0	0	0	0	
Small Thermal & Misc. Reserves	0	0	0	0	
Contract Reserves	0	0	0	0	
Large Thermal Reserves	0	0	0	0	
Federal Hydro Maintenance	0	0	0	0	
Spinning Reserves	0	0	0	0	
Federal Transmission Losses	-14	0	0	0	Calculated field dependent on resource stack
Total Reserves, Maintenance & Losses	-14	-11	-11	-11	
Difference Total Net Resources	494	395	369	365	
SURPLUS/DEFICIT					
Difference Total Firm Surplus/Deficit (Rate 2003 - WBK 2000)	804	1705	1732	1643	

**Federal Load Resource Analysis
Rate Case 2003 1/23/2003 Analysis
Under 1937 Critical Water Conditions**

FY Annual Energy in Megawatts	2003	2004	2005	2006
LOADS				
<u>Non-Utility Obligations</u>				
Federal Agencies 1981 PSC Sale	0	0	0	0
USBR 1981 PSC Sale	0	0	0	0
DSI 1981 PSC Sale	0	0	0	0
Federal Agencies 2002 PSC Sale	122	127	128	128
USBR 2002 PSC Sale	148	148	148	148
DSI 2002 PSC Sale	34	350	350	350
Total Firm Non-Utility Obligations	304	625	626	626
<u>Transfers Out</u>				
NGP 1981 PSC Sale	0	0	0	0
GPU 1981 PSC Sale	0	0	0	0
IOU 1981 PSC Sale	0	0	0	0
NGP 2002 PSC Sale	2,624	2,783	2,812	2,861
GPU 2002 PSC Sale	2,129	2,165	2,178	2,158
NGP Slice Sale	611	614	606	617
GPU Slice Sale	1,017	1,023	1,010	1,028
IOU 2002 PSC Sale	382	382	382	382
Exports	1,063	1,029	994	945
Intra-Regional Transfers (Out)	1,554	518	426	426
Supp & Entitlement Capacity (Out)	21	0	0	0
CSPE To West Group Utilities	46	0	0	0
Federal Diversity	0	0	0	0
Total Transfers Out	9,448	8,514	8,408	8,418
Total Firm Obligations	9,752	9,139	9,033	9,044
RESOURCES				
<u>Hydro Resources</u>				
Regulated Hydro	6,474	6,447	6,429	6,461
Independent Hydro	396	397	397	397
Sustained Peaking Adjustment	0	0	0	0
Non-Fed CER (CSPE)	11	0	0	0
Non-Fed CER (Canada)	110	142	141	140
Restoration	0	0	0	0
Total Hydro Resources	6,991	6,986	6,967	6,998
<u>Other Resources</u>				
Small Thermal & Misc.	0	0	0	0
Combustion Turbines	0	0	0	0
Renewables	29	29	29	29
Cogeneration	0	0	0	0
Imports	293	263	255	245
Intra-Regional Transfers (In)	2,170	1,873	1,797	1,575
Supp & Entitlement Capacity (In)	21	0	0	0
Large Thermal	877	1,000	877	1,000
Non-Utility Generation	95	94	141	120
Resource Acquisition	0	0	0	0
Total Other Resources	3,485	3,258	3,100	2,969
Total Resources	10,477	10,244	10,067	9,967
<u>Reserves & Maintenance</u>				
Hydro Reserves	0	0	0	0
Small Thermal & Misc. Reserves	0	0	0	0
Contract Reserves	0	0	0	0
Large Thermal Reserves	0	0	0	0
Federal Hydro Maintenance	0	0	0	0
Spinning Reserves	0	0	0	0
Federal Transmission Losses	-295	-289	-284	-281
Total Reserves, Maint. & Losses	-295	-289	-284	-281
Total Net Resources	10,181	9,955	9,783	9,686
Surplus/Deficit				
Total Firm Surplus/Deficit	430	816	750	642