

EXHIBIT NO. _____ (EMM-5)
DOCKET NO. _____
2003 POWER COST ONLY RATE CASE
WITNESS: ERIC M. MARKELL

BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,

Complainant,

Docket No. _____

v.

PUGET SOUND ENERGY, INC.,

Respondent.

DIRECT TESTIMONY OF
ERIC M. MARKELL
ON BEHALF OF PUGET SOUND ENERGY, INC.

Planned Pacific Northwest Power Plant Additions

Ex. _____ (EMM-5)

Plant Name	Gross Capacity	Location	Status	Online Date	Owner
Alpine Wind	30.6	OR	Announced	12/1/2004	Alpine Power
Alpine Wind	61.2	OR	Announced	7/1/2005	Alpine Power
BP Cherry Point	720	WA	Construction Permit	7/1/2006	BP Amoco
Clean Energy and Data Operations Center	2500	WA	Announced	1/1/2008	Composite Energy
Clean Energy and Data Operations Center	100	WA	Announced	1/1/2008	Composite Energy
Longview Energy	290	WA	Air Permit	1/1/2006	Continental Energy
Wanapa Energy Center	615	OR	Announced	12/1/2007	Diamond Generating
Wanapa Energy Center	615	OR	Construction Permit	12/1/2006	Diamond Generating
Desert Claim Wind	180	WA	Construction Permit	1/1/2005	EnXco
Frederickson Power Project	300	WA	Announced	1/1/2007	EPCOR
Combine Hills	63	OR	Construction Permit	1/1/2005	Eurus America Energy
Combine Hills	41	OR	Under Construction	1/1/2004	Eurus America Energy
GNA Cliffs Energy Project	300	WA	Construction Permit	1/1/2006	GNA Energy
Shoshone Falls Upgrade	76.5	ID	Announced	1/1/2007	Idaho Power
Black Diamond Energy	11.3	OR	Announced	6/1/2005	Independent Power Producer
Darrington Cogen	20	WA	Announced	1/1/2006	Independent Power Producer
Plymouth	306	WA	Construction Permit	8/1/2005	National Energy Systems
Sumas Energy 2	660	WA	Construction Permit	10/1/2005	National Energy Systems
SP Newsprint	130	OR	Completed	7/1/2003	NP Newsprint
Windworks	79.5	ID	Announced	1/1/2005	Pacific Winds
Windworks	10	ID	Announced	1/1/2005	Pacific Winds
California-Oregon Border Energy Facility	600	OR	Announced	2/1/2006	Peoples Energy
California-Oregon Border Energy Facility	1150	OR	Announced	6/1/2006	Peoples Energy
Klondike	75	OR	Announced	6/1/2004	PPM Energy (Pacifcorp Power Marketing Inc)
Stateline Wind Oregon	36.3	OR	Completed	1/1/2003	PPM Energy (Pacifcorp Power Marketing Inc)
Stateline Wind Oregon	184.1	OR	Construction Permit	3/1/2005	PPM Energy (Pacifcorp Power Marketing Inc)
Stateline Wind Oregon	4	OR	Construction Permit	3/31/2005	PPM Energy (Pacifcorp Power Marketing Inc)
Klamath Generation	500	OR	Construction Permit	6/1/2006	PPM Energy (Pacifcorp Power Marketing Inc)
Last Mile Wind	150	WA	Announced	1/1/2005	SeaWest Power
SPI (Aberdeen)	18	WA	Completed	3/1/2003	Sierra Pacific Industries
Chehalis Generation Facility	520	WA	Under Construction	11/1/2003	Tractebel
Raft River Geothermal	10	ID	Announced	1/1/2005	U.S. Geothermal
Maiden Wind Farm	150	WA	Announced	1/1/2005	Washington Winds, Inc.
Cotterel Mountain	195	ID	Construction Permit	1/1/2005	Windland
Kittatis Valley Wind	181.5	WA	Construction Permit	11/1/2004	Zilkha Renewable Energy
Wild Horse Wind	165	WA	Feasibility Study	1/1/2006	Zilkha Renewable Energy
Longview Cogen I	1100	WA	Cancelled	6/1/2003	McCook Metal Group
Longview Cogen II	1100	WA	Cancelled	6/1/2003	McCook Metal Group
Nordic Barge	83	WA	Cancelled	8/1/2003	Nordic Electric

Source: Henwood Energy Services, Inc.

Planned Pacific Northwest Power Plant Additions

Plant Name	Gross Capacity	Location	Status	Online Date	Owner
Mercer Ranch-Cogentrix	850	WA	Cancelled	10/12/2003	Cogentrix
Six Prong	150	OR	Cancelled	12/1/2003	SeaWest Power
Mountain Home II	80	ID	Cancelled	1/1/2004	Power Development Associates
Horse Heaven Hills Wind Farm	225	WA	Cancelled	3/1/2004	Washington Winds, Inc.
Frederickson Peaker	324	WA	Cancelled	6/1/2004	Morgan Stanley
Port of Camas- Washougal	350	WA	Cancelled	8/1/2004	Northern Lights Power Co.
Cherry Point Coal	349	WA	Cancelled	1/1/2005	U.S. Electric Power
Warm Springs Biomass	50	OR	Cancelled	6/1/2005	Warm Springs Power Enterprise
Rathdrum II	810	ID	Cancelled	6/1/2005	Cogentrix
Kootenai Power Project	1300	ID	Cancelled	6/1/2005	Newport Northwest LLC
Garnet Energy Facility	250	ID	Cancelled	6/1/2008	Ida-West
Columbia River	44	OR	On Hold	6/1/2004	Columbia River Energy
Zintel Canyon	48	WA	On Hold	6/1/2004	Energy Northwest
Goldendale Energy Project	253	WA	On Hold	7/1/2004	Calpine Corporation
Grays Harbor	650	WA	On Hold	10/1/2004	Duke Energy
West Linn Paper	94	OR	On Hold	1/1/2005	West Linn Paper
Mint Farm Project	286	WA	On Hold	6/1/2005	Mirant Corporation
Turner Energy Center	620	OR	On Hold	1/1/2006	Calpine Corporation
Everett Delta Power Project	248	WA	On Hold	1/1/2006	FPL Energy
Cowlitz Cogeneration Project	405	WA	On Hold	1/1/2006	Weyerhaeuser Corporation
Grizzly Power Generation Project	980	OR	On Hold	6/1/2006	Cogentrix
Garnet Energy Facility	270	ID	On Hold	6/1/2006	Ida-West
Grays Harbor	650	WA	On Hold	10/1/2006	Duke Energy
Wallula Power Project	1300	WA	On Hold	12/1/2006	Competitive Power Ventures, Inc.
Morrow	603	OR	On Hold	1/1/2007	PG&E National Energy Group
Starbuck Plant	1100	WA	On Hold	9/1/2007	Northwest Power Enterprises
Coburg Power	605	OR	On Hold	1/1/2008	Coburg Power, LLC
Umatilla	610	OR	On Hold	3/14/2008	PG&E National Energy Group
Total	26,835				

Summary

Status	Total Plants	Total (MW) Capacity
Cancelled	14	7,021
On Hold	17	8,766
Announced	17	5,939
Feasibility Study	1	165
Air Permit	1	290
Construction Permit	12	3,909
Under Construction	2	561
Completed	3	184
Total	67	26,835