

EXHIBIT NO. _____ (CJB-10)
DOCKET NO. _____
2003 POWER COST ONLY RATE CASE
WITNESS: CHARLES J. BLACK

BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,

Complainant,

Docket No. _____

v.

PUGET SOUND ENERGY, INC.,

Respondent.

DIRECT TESTIMONY OF
CHARLES J. BLACK
ON BEHALF OF PUGET SOUND ENERGY, INC.

CJB-10 Existing Resources – August 2003 Least Cost Plan Update

Hydro Resources

PLANT	OWNER	PSE SHARE %	ENERGY (AMW)
Upper Baker River	PSE	100	43
Lower Baker River	PSE	100	44
White River	PSE	100	0
Snoqualmie & Electron	PSE	100	54
Total PSE-Owned			141
Wells	Douglas Co. PUD	31.3	156
Rocky Reach	Chelan Co. PUD	38.9	280
Rock Island I	Chelan Co. PUD	50.0	106
Rock Island II	Chelan Co. PUD	80.0	61
Wanapum	Grant Co. PUD	10.8	55
Priest Rapids	Grant Co. PUD	8.0	38
Mid-C Total			696
Total Hydro			837

Energy values from model dispatch

Colstrip and Encogen

UNITS	PSE OWNERSHIP	NAMEPLATE CAPACITY	ENERGY (AMW)
Colstrip 1 & 2	50%	614 mw	257
Colstrip 3 & 4	25%	1480 mw	316
Total Colstrip			573
Encogen	100%	170 mw	162

Non-Utility Generators

NAME	CONTRACT EXPIRATION	ENERGY (AMW)
March Point I	12/31/2011	82
March Point II	12/31/2011	64
Tenaska	12/31/2011	224
Sumas	12/31/2012	128
Total		498

Other Long Term QF Contracts

CONTRACT	TYPE	EXPIRATION	CAPACITY (MW)	2003 ENERGY (AMW)
Port Townsend Paper	Hydro-QF	12/31/2025	0.4	< 1
Hutchison Creek	Hydro-QF	12/31/2025	0.9	< 1
Puyallup Energy Recovery Co.(PERC)	Biomass-QF	4/15/2009	2	2
Spokane Municipal Solid Waste	Biomass-QF	11/15/2012	22.9	16
North Wasco	Hydro-QF	12/31/2012	5	4
Kingdom Energy-Sygitowicz	Hydro-QF	12/31/2025	0.4	< 1
Weeks Falls	Hydro	12/31/2025	4.6	1
Koma Kulshan	Hydro	3/1/2037	14	4
Twin Falls	Hydro	3/8/2025	20	8
Total				38

Long Term Non QF Contracts

CONTRACT	TYPE	EXPIRATION	CAPACITY (MW)	2003 ENERGY (AMW)
CSPE	Hydro	3/31/2003	20	4
Supplemental & Entitlement Capacity	Hydro	3/31/2003	10	0
PacifiCorp	Thermal	10/31/2003	200	97
Powerex/Pt.Roberts	Hydro	12/31/2025	8	2
Baker Replacement	Hydro	12/31/2025	7	0
PG&E Seasonal Exchange-PSE	Thermal	12/31/2008	300	0
Conservation Credit - SnoPUD	-	2/28/2010	10	10
Montana Power	Colstrip	12/29/2010	97	82
BPA- WNP-3 Exchange	Various	6/30/2017	50	45
Canadian EA	Hydro	12/31/2025	-	-37
Total				203

Peaking Plants

NAME	PLANT CAPACITY (MW)
Fredonia 1 & 2	202
Fredonia 3 & 4	108
Whitehorn 2 & 3	134
Frederickson	141
Total	745