EXHIBIT NO. ___(MLJ-1CT)
DOCKET NO. UE-07__/UG-07_
2007 PSE GENERAL RATE CASE
WITNESS: MICHAEL L. JONES

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION,	
Complainant,	
v.	Docket No. UE-07 Docket No. UG-07
PUGET SOUND ENERGY, INC.,	
Respondent.	

PREFILED DIRECT TESTIMONY (CONFIDENTIAL) OF MICHAEL L. JONES ON BEHALF OF PUGET SOUND ENERGY, INC.

REDACTED VERSION

DECEMBER 3, 2007

PUGET SOUND ENERGY, INC.

PREFILED DIRECT TESTIMONY (CONFIDENTIAL) OF MICHAEL L. JONES

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PUGET SOUND ENERGY, INC.

PREFILED DIRECT TESTIMONY (CONFIDENTIAL) OF MICHAEL L. JONES

I. INTRODUCTION

- Q. Please state your name, business address, and position with Puget Sound Energy, Inc.
- A. My name is Michael L. Jones. My business address is 10885 N.E. Fourth Street,
 Bellevue, WA 98004. I am Manager, Colstrip Project Operations & Fuels for
 Puget Sound Energy, Inc. ("PSE" or the "Company").
- Q. Have you prepared an exhibit describing your education, relevant employment experience, and other professional qualifications?
- A. Yes, I have. It is Exhibit No. ___(MLJ-2).

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- Q. What are your duties as Manager, Colstrip Project Operations & Fuels for PSE?
- A. I am responsible for the management of PSE's ownership and contract interests in the four-unit Colstrip Steam Electric Station in Colstrip, Montana. My responsibilities include oversight of plant operations, environmental issues, budget performance and the Colstrip Steam Electric Station's fuel supply contracts. Additionally, I am actively involved in PSE's generating resource

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development and acquisition efforts, focusing on solid fuel technologies.

Q. Please summarize the purpose of your prefiled direct testimony.

A. My prefiled direct testimony provides background regarding the Colstrip Steam Electric Station in Colstrip, Montana. It describes PSE's due diligence activities, consideration of alternative supply options, and negotiations for an additional supply of coal for Colstrip Steam Electric Station Units 1 and 2. Finally, my testimony explains the current capacity levels of the four Colstrip Steam Electric Station units and the scheduling of major plant maintenance overhauls.

II. BACKGROUND REGARDING THE COLSTRIP STEAM ELECTRIC STATION

Q. What is the Colstrip Steam Electric Station?

A. The Colstrip Steam Electric Station is a four-unit, mine mouth, coal-fired electricity-generating facility operated by PPL Montana, LLC ("PPL") in Colstrip, Montana, about 120 miles southeast of Billings. The Colstrip Steam Electric Station is capable of producing a total of up to 2,094 megawatts of electricity. Units 1 and 2 each has about 307 megawatts of generating capacity and began commercial operation in 1975 and 1976, respectively. Units 3 and 4 each currently has about 740 megawatts of generating capacity and began commercial operation in 1984 and 1986, respectively.

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Q. What is PSE's interest in the Colstrip Steam Electric Station?

A. PSE owns a 50% undivided interest in Units 1 and 2, and a 25% undivided interest in Units 3 and 4. PSE receives additional energy from Unit 4 pursuant to a purchased power contract between PSE and NorthWestern Energy that expires at the end of 2010. In total, the Colstrip Steam Electric Station provides approximately 20% of the Company's overall energy needs.

III. COLSTRIP UNITS 1 AND 2 COAL PURCHASE AND SALE AGREEMENT

Q. What is the current coal supply arrangement for Units 1 and 2?

A. PSE and the Montana Power Company ("Montana Power") built Units 1 and 2 in the 1970s to burn coal from the nearby Rosebud Mine, which was owned and operated by Western Energy Company ("Western Energy"). Western Energy delivers coal from the Rosebud Mine to Units 1 and 2 by off-road truck. The Rosebud Mine has been supplying the full coal requirements of Units 1 and 2 since the units were commissioned in 1975 and 1976 under a contract that will expire on December 31, 2009. The Rosebud mine contains five permitted mining areas: Areas A, B, C, D and E. Area D, northeast of the power plant, currently supplies coal to Units 1 and 2.

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¹ Montana Power sold its interests in Units 1 and 2 to PPL-Montana ("PPL") in 1999, and Western Energy was sold to Westmoreland Coal Company ("Westmoreland Coal") in 2001.

- Any additions or modifications to the generating facilities necessary to support the coal supply source must fit within the plant's existing site limitations.
- Any coal supply source must be confirmed by independent mining consultants with respect to mining cost, capital costs and quantity and quality of the reserves.
- How did the Task Force seek to identify and evaluate coal supply opportunities and negotiate new coal supply arrangements?
- The Task Force hired two mining engineering consultants to assist in its initial identification of potential coal supply sources. The John T. Boyd Company (the "Boyd Company") compiled and summarized current information on active and potential coal mine sites in the Powder River Basin of Montana and Wyoming. Please see Exhibit No. (MLJ-3C) for a copy of the Boyd Company report. Concurrent with the commissioning of the Boyd Company report, the Task Force also retained Marston & Marston, Inc. ("Marston"), a mining and engineering firm that has monitored mining activities at the Rosebud Mine for PSE and PPL for a number of years, to (i) evaluate mining plans that utilize mining combinations in Areas B, C, and D of the Rosebud Mine, (ii) prepare an analysis of the quantity and quality of reserves at the Rosebud Mine, and (iii) provide an estimate of the costs of mining to supply Units 1 and 2 after expiration of the current contract. Marston's initial report is Exhibit No. (MLJ-4C).

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12	C.	Development of a Short List of Potential Suppliers		
13	Q.	Did the Task Force create a short list of potential coal suppliers from the		
14		various reports prepared by the Boyd Company, Marston and Alstom?		
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15	A.	Yes. Based on the reports prepared by the Boyd Company, Marston and Alstom,		
16		the Task Force began detailed discussions with Western Energy and		
17		. The Task force also contacted the Burlington Northern Santa Fe		
18	Corporation ("BNSF Railway"). The BNSF Railway's interest, ability and cost to deliver coal from the many other Powder River Basin coal suppliers would be a			
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20		an essential element of our analysis.		
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reasonableness of the Hill & Associates projected coal prices with

, which operates several mines in the region.

PSE and PPL then each developed an economic model (each using a slightly different approach) that ranked the alternatives, and each economic model produced the same economic ranking of the projects. Please see Exhibit No. ___(MLJ-6C) for the presentation to the Steering Committee on July 6, 2005 containing the economic analysis (page 8) of the coal supply alternatives on the short list. This presentation also included a qualitative analysis (see pages 17-19) of the coal supply alternatives.

D. <u>PSE Management Review</u>

- Q. Did the Task Force regularly update the Coal Supply Steering Committee during the due diligence process?
- A. Yes. The Task Force regularly met with the Coal Supply Steering Committee, which consisted of senior PSE and PPL executives, to share information and receive direction.

The Task Force first briefed the Coal Supply Steering Committee in a meeting on June 23, 2004. The Task Force also briefed the Coal Supply Steering Committee on November 18, 2004, June 7, 2005, and July 6, 2006.

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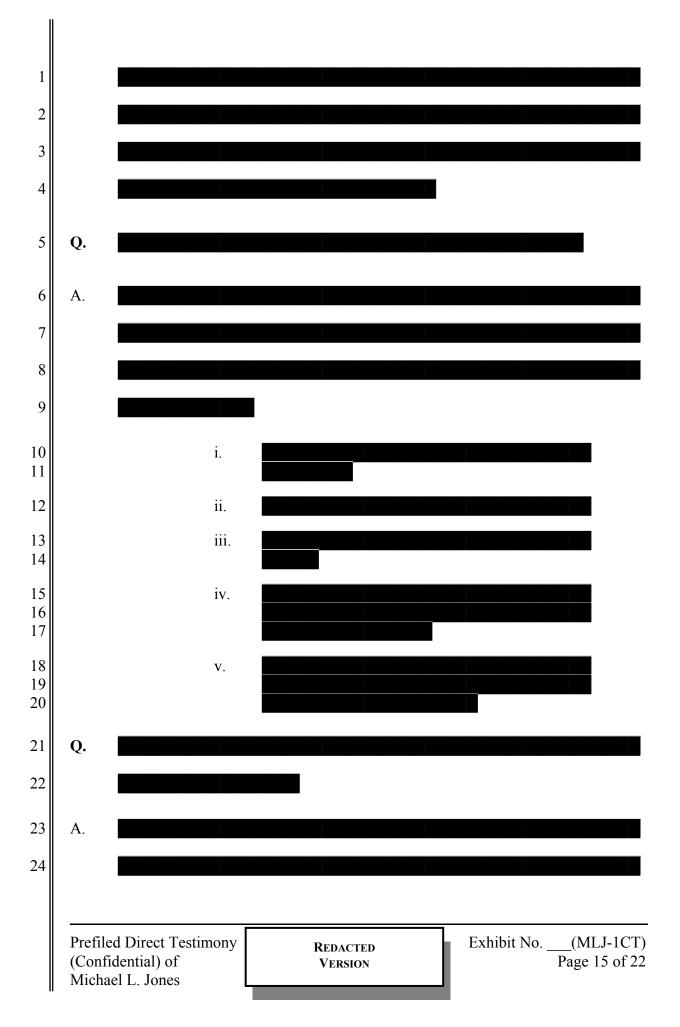
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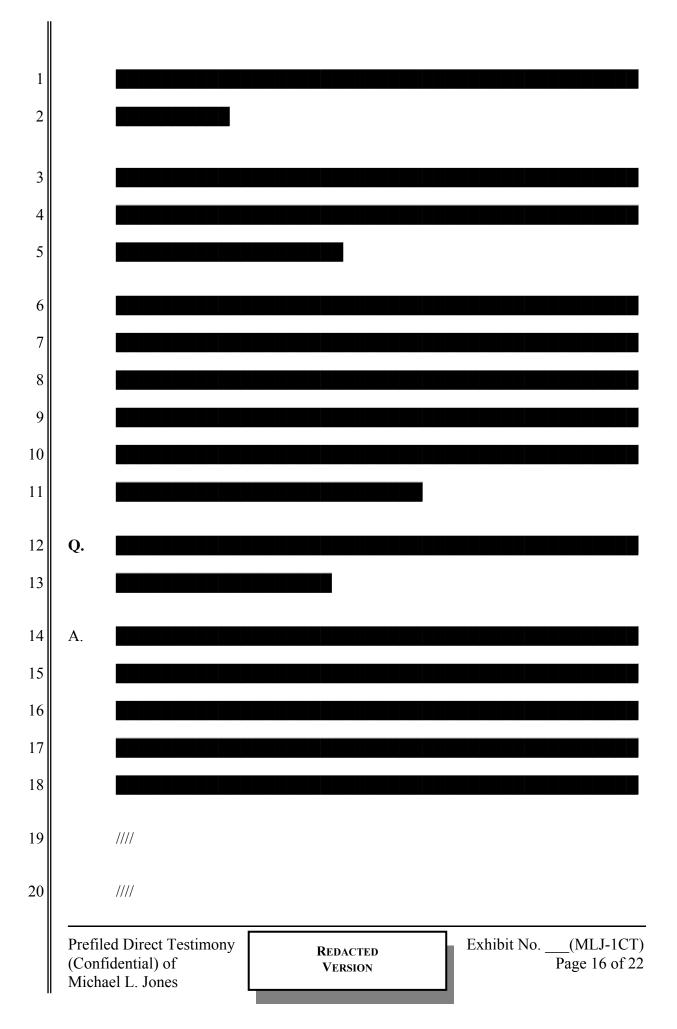
Michael L. Jones

Michael L. Jones

	allow use of Powder River Basin coal from mines other than the Rosebud Mine		
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	without requiring regular mai	ntenance outages. Wi	thout these modifications to
	the boilers, it is estimated tha	t Units 1 and 2 would	require
	The Task Force also continue	ed the conceptual engir	neering design and analysis of
	rail unloading and storage equ	uipment at Units 1 and	2.
Q.	Was a test burn planned an	d conducted?	
A.			
	(i)		
	(ii)		
	(iii)		
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Q.	Did the Task Force conduct further negotiations with BNSF Ranway
	regarding the rate proposal?
A.	No. The Task Force did not conduct further negotiations with BNSF Railway
	because (i) pricing of Powder River Basin coals, as discussed above, had risen
	significantly in Fall 2005 and (ii)
	Based on the results of the evaluation of alternatives and the report prepared by
	Marston the Task Force focused all of its efforts, beginning in October 2005, on
	negotiating a new coal supply agreement with Western Energy.
E.	Negotiations with Western Energy
Q.	Please describe the contract negotiations with Western Energy.
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Q.	Was the final coal supply agreement finalized and executed?
A.	Yes.
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IV. CURRENT CAPACITY LEVELS OF THE COLSTRIP UNITS

3	Q.	What are capacity limit	s?	
4	A.	Every generating station	has limits to the output it ca	an safely produce (i.e., the
5		capacity limit). The design	gn ratings of plant compon	ents, such as the boiler,
6		turbine, generator, step-u	p transformer or other plan	t components, will limit the
7		safe output. Additionally	, the characteristics and co	nditions of the interconnected
8		transmission system will	limit the safe output of a go	enerator.
9	Q.	What are the original d	esign ratings for Units 1 a	and 2?
10	A.			
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12	Q.	What are the original d	esign ratings for Units 3 a	and 4?
13	A.			
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1	Q.	Have recent modifications been made to these Units?
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7	Q.	Will these upgrades affect the design ratings of the Colstrip Electric Steam
8		Station units?
9	A.	
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13	Q.	Do actual performance test results support the position that the turbine
14		upgrades simply returned the units to their original design ratings?
15	A.	
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Q. If one were to assume that the turbine upgrades increased the design ratings of each unit, could the units be operated in excess of design ratings of 307 MWe net for Units 1 and 2 and 740 MWe net for Units 3 and 4?

A. No. Even if the units could be operated in excess of design ratings of 307 MWe net for Units 1 and 2 and 740 MWe net for Units 3 and 4, transmission system ratings and system conditions limit the output of the Colstrip Steam Electric Station units.

NorthWestern Energy, operator of the jointly-owned Colstrip Transmission

System, which runs 200 miles from the Colstrip Electric Steam Station in eastern

Montana to Townsend, Montana (in the western part of the state), has established
an operating limit of 2100 MW for the combined generation output by the four
units of the Colstrip Electric Steam Station. Please see Exhibit No. ___(MLJ-14)
for a copy of the operating limit of 2100 MW established by NorthWestern

Energy.

(i) (ii) (iii)

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10		V. PLANN	NED MAJOR MAINTENAN	NCE OVERHAULS
11	Q.	Please describe the	scheduling of the planned r	najor maintenance overhauls
12		for Units 1, 2, 3 and	14.	
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- Q. Please summarize your testimony.
- A. A thorough investigation and analyses of coal supply alternatives for Colstrip

 Units 1 and 2 was conducted to develop a coal supply agreement for the supply of
 quality coal at a low delivered cost following the termination of the current
 agreement. Colstrip's upgraded steam turbine components are meeting their
 design objectives of restoring generating capacity that has been lost through
 normal aging of the plant equipment. PSE management and its Board of
 Directors have provided review and direction in implementing both of these
 actions.
- Q. Does that conclude your prefiled direct testimony?
- A. Yes, it does.

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