

**EXHIBIT NO. \_\_\_(APB-1T)  
DOCKET NO. UE-082128  
WITNESS: A. PAUL BRUNING**

**BEFORE THE  
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

In the Matter of the Petition of

**PUGET SOUND ENERGY, INC.**

For a Determination of Emissions Compliance and  
Proposed Accounting Treatment For the Mint Farm  
Energy Center; or, Alternatively For an Accounting  
Order

**Docket No. UE-082128**

**PREFILED DIRECT TESTIMONY (NONCONFIDENTIAL) OF  
A. PAUL BRUNING  
ON BEHALF OF PUGET SOUND ENERGY, INC.**

**FEBRUARY 13, 2009**

1 **PUGET SOUND ENERGY, INC.**

2 **PRE-FILED DIRECT TESTIMONY (NONCONFIDENTIAL) OF**  
3 **A. PAUL BRUNING**

4 **Q. Please state your name, business address, and position with Puget Sound**  
5 **Energy, Inc.**

6 A. My name is Paul Bruning. My business address 915 Cornwall Avenue,  
7 Bellingham, Washington 98225. I am the Supervisor of Engineering for Puget  
8 Sound Energy, Inc. (“PSE” or “the Company”).

9 **Q. Have you prepared an exhibit describing your education, relevant employment**  
10 **experience, and other professional qualifications?**

11 A. Yes, I have. It is Exhibit No. \_\_\_\_ (APB-2).

12 **Q. Please explain your duties as Supervisor of Engineering for PSE.**

13 A. As Supervisor of Engineering, I am responsible for assessing the reliability,  
14 performance and compliance capabilities of PSE’s current and potential gas turbine  
15 based simple and combined cycle generating plants.

1 **Q. Please describe how a combined cycle combustion turbine such as Mint Farm**  
2 **would be used in PSE's portfolio.**

3 A. Mint Farm Energy Center ("Mint Farm") is designed and intended for baseload  
4 electric generation.

5 **Q. On what do you base your conclusion that Mint Farm is designed and intended**  
6 **for baseload electric generation?**

7 A. The Mint Farm plant was designed around the year 2000 when high capacity factors  
8 for gas fired generation were anticipated due to electric power market conditions in  
9 the western United States. Mint Farm, and other combined-cycle plants operating  
10 during this period, were designed to operate with capacity factors above 90%, with  
11 their only operating limitations being plant outages required for maintenance  
12 activities. In addition to their efficiency and low emissions, these plants have  
13 design criteria that allow them to start and stop more often and more efficiently,  
14 thus providing additional flexibility to dispatch economically when market  
15 conditions dictate.

16 **Q. Does that conclude your testimony?**

17 A. Yes, it does.