

EXHIBIT NO. \_\_\_\_\_ (CJB-22)  
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.

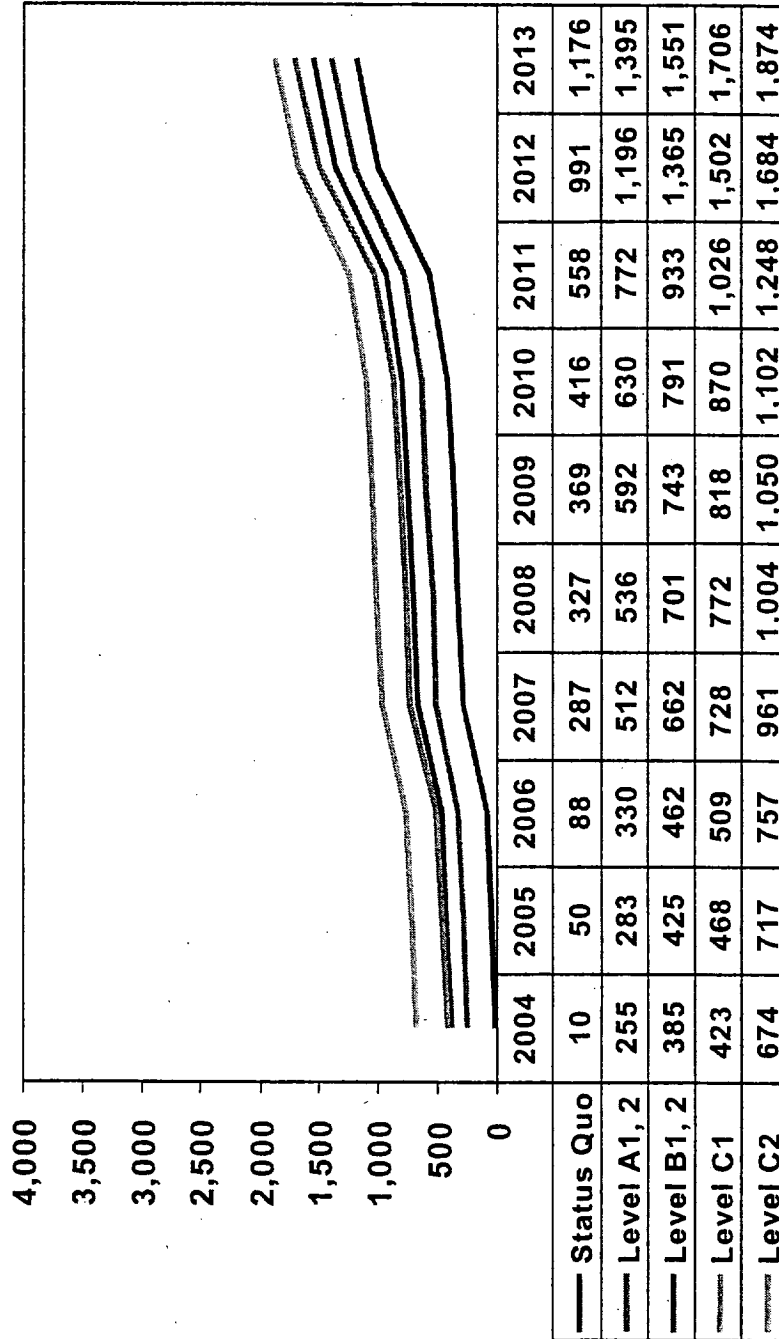
PUGET SOUND ENERGY, INC.,

Respondent.

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

Exhibit CJB-22  
 Need for New Energy at Various Planning Levels, April 2003 Least Cost Plan<sup>1</sup>

Energy Planning Level Impact (AMWs)



<sup>1</sup> Source: April 2003 Least Cost Plan, Chapter XI, p. 3