

CPSES/ER (OLS)

COMANCHE PEAK STEAM ELECTRIC STATION
ENVIRONMENTAL REPORT OPERATING LICENSE STAGE
JANUARY 1981 AMENDMENT
INSTRUCTION SHEET

Please remove the old sheets and insert the new sheets.

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CHAPTER 8

T8.1-21 (2 Sheets)

T8.1-21 (1 Sheet)

CPSES/ER (OLS)

TABLE 8.1-21

PRINCIPAL BENEFITS OF
COMANCHE PEAK STEAM ELECTRIC STATION

Capacity, MWe	2,300	
Average annual electrical energy generation		
10 ⁶ MWhr		
70% capacity factor	14.1	
60% capacity factor	12.1	
50% capacity factor	10.1	
Other products		
Taxes		Average Annual
Local (property) ^(a)		\$628,651.56
State ^(a)		19,743.17
Federal ^(b)		0.00
		<u>\$648,394.73</u>

3

Regional Product

Value added in value of output of businesses in project area corresponding to direct annual wages of employees, plus induced consumption and investment as result of multiplier effect. (See Section 8.1.4).

Environmental Enhancement

Recreational uses of portion of shoreline and waters of Squaw Creek Reservoir. Reduced air pollution due to decrease in dependence upon use of fossil fuels for power generation.

Employment

Estimated peak work force of 4,500 construction workers. Nearly 200 permanent operating employees during life of plant.

(a) Based upon actual taxes paid in 1977 (see Section 8.1.2.3.1). These values will be renegotiated with local authorities annually for future years.

(b) There is no significant net benefit in the form of increased federal taxes directly attributable to the CPSES project. CPSES is being constructed to replace a corresponding amount of oil and natural gas generation rather than to meet increased demand. Net income from energy sales and the resultant federal taxes, would not be significantly affected if such demand were to be met by use of existing generating capacity. See Section 1.3.1 for further discussion.