

Name: KEY Date: _____

Wind Power Calculations Summary

Part 1: Projection Summary

(All work to be shown on separate paper and attached to this summary.)

Population projections:

1) Based on your calculations, the population of Talent is increasing by 61 people each year.

2) To what year are you projecting growth? 2030 / 2035

3) Explain why you chose the year _____

4) Based on your calculations, in 2030 / 2035, the population of Talent will be 7286 / 7591. + 1220 / 1525

Energy need projections:

5) Based on the population increase, Pacific Power will increase by 28 number of accounts each year.

6) Based on projections, there will be 3475 / 3615 Pacific Power accounts in '30 / '35.

7) In 2015, 12,111,293 watts were used per Pacific Power account.

8) Based on population projections, each year an additional 339,116,203 watts of energy will be needed.

9) In the year, '30 / '35, the City of Talent will need 42,086,743,044 (2030) watts of energy. 43,782,324,060 (2035)

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 37,000,000,000 \\
 + 5,086,743,044 \\
 + 6,782,324,060 \\
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