



## 33% Cost Estimates - Data Sources and Calculations

- ◆ **Ratepayers can expect a 30% monthly bill increase**
  - PUC identified 30% rate increase in several documents based on E-3 Modeling of renewable costs to meet AB 32 goals
    - **November 2008 RPS Fact Sheet** – p. 2, Chart 1, 2008 energy rate - \$0.13, 2020 energy rate w/ 33% renewables - \$0.17 = *\$0.04/KWh difference*. This is a 31% increase per KWh = **30% monthly bill increase**.
    - **December 2007 Energy Action Plan GHG Presentation** – p. 9, “Likely rate increases on order of 30% average statewide by 2020”
    - **May 2008 Senate Energy AB 32 Presentation** – p. 17, Utility Net Cost of GHG Reductions are negative except for 33% Renewables -- p. 20, Rate Comparison 2008 to 2020 **Total CA 28.7%**
  - **\$10 Billion Per Year Price Tag**  
Calculation - \$0.04/KWh (\$0.17 - \$0.13) x 256,171 GWh (2018 Load Forecast) = **\$10.25 Billion Per Year**
- ◆ **7 Major Transmission Lines = \$10 Billion**
  - **October 2008 RPS Quarterly Report** - p. 3, Figure 1, 7 New Transmission Lines @ \$6.4 Billion  
  
Sunrise proposed @ \$1.2B and approved @ \$1.88B = *50% increase*  
Calculation - \$6.4B + \$3.2B (50% cost escalation) = **\$9.6 Billion**

### Sources

**November 2008 RPS Quarterly Report Fact Sheet -**

<http://www.cpuc.ca.gov/NR/rdonlyres/7108D309-14BD-45BD-91E9-9864ADB8A849/0/33PercentCostanalysis.pdf>

**October 2008 RPS Quarterly Report –** [http://www.cpuc.ca.gov/NR/rdonlyres/A7691A23-1B7E-4B02-8858-9D964A3B17A3/0/RPS\\_Rpt\\_to\\_Legislature\\_Oct\\_2008.pdf](http://www.cpuc.ca.gov/NR/rdonlyres/A7691A23-1B7E-4B02-8858-9D964A3B17A3/0/RPS_Rpt_to_Legislature_Oct_2008.pdf)

**December 2007 Energy Action Plan GHG Presentation –**

[http://www.cpuc.ca.gov/NR/rdonlyres/0EDDA0C6-CBBF-4E6A-A80C-CA99355DF957/0/JulieFitch\\_CPUC071211.ppt](http://www.cpuc.ca.gov/NR/rdonlyres/0EDDA0C6-CBBF-4E6A-A80C-CA99355DF957/0/JulieFitch_CPUC071211.ppt)

**May 2008 Senate Energy AB 32 Presentation -**

[http://www.senate.ca.gov/ftp/SEN/COMMITTEE/STANDING/ENERGY/\\_home/ARCHIVE\\_HEARINGS\\_2007-2008/05-21-08CPUC.ppt](http://www.senate.ca.gov/ftp/SEN/COMMITTEE/STANDING/ENERGY/_home/ARCHIVE_HEARINGS_2007-2008/05-21-08CPUC.ppt)

**CEC 2018 Load Forecast -** <http://www.energy.ca.gov/2007publications/CEC-200-2007-015/CEC-200-2007-015-SF2.PDF>