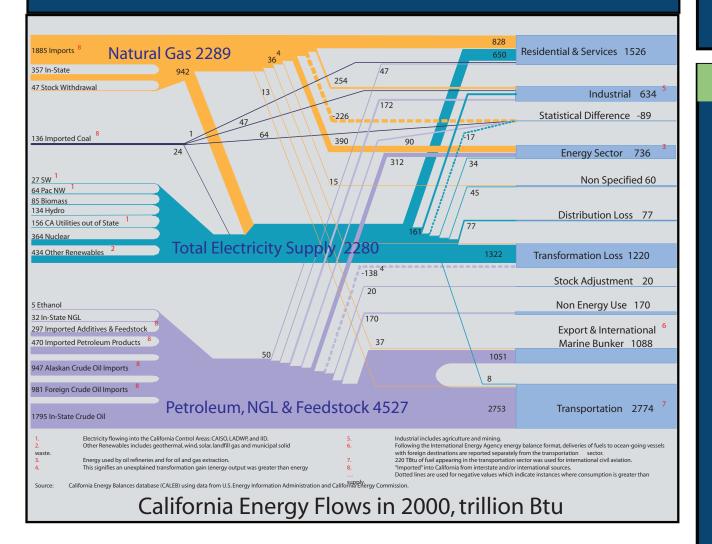
# California Energy Balances Database and the 2000 Energy Flow Chart

What is it? This flow diagram depicts how energy was supplied, transformed, and consumed in the California economy in 2000.



## How do you read it?

Reading from left to right, the figure shows all the inputs of primary (and imported secondary) energy into California's economy in 2000. These are summed by major fuel types in the middle of the figure: petroleum and associated products, natural gas, and inputs to electricity generation. The right-hand side shows how all of the fuels are allocated to the various end uses.

### What does it show?

The flow chart shows at a glance several interesting facets of California's energy use. For example, one can see that California draws on a wide variety of resources for its electricity supply and depends on a large share of imported electricity. The flow chart also quickly conveys the sources of the state's fossil fuel supply. On the consumption side, it is readily apparent that transportation represents the largest single end use and that international marine bunkers are a sizeable share of California's total demand for petroleum products.

### How was it constructed?

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### **Report Reference**

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Data for constructing the flow chart are taken from the California Energy Balances Database (CALEB), a comprehensive energy database compiled by Lawrence Berkeley National Laboratory for the California Energy Commission. CALEB offers the possibility of displaying all energy flows in numerous ways (e.g., physical units, Btus, petajoules, different levels of aggregation), facilitating comparisons among the different types of energy commodities and different end-use sectors. In addition to displaying energy data, CALEB can also be used to calculate state-level energy-related carbon dioxide emissions using the methodology of the Intergovernmental Panel on Climate Change.



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