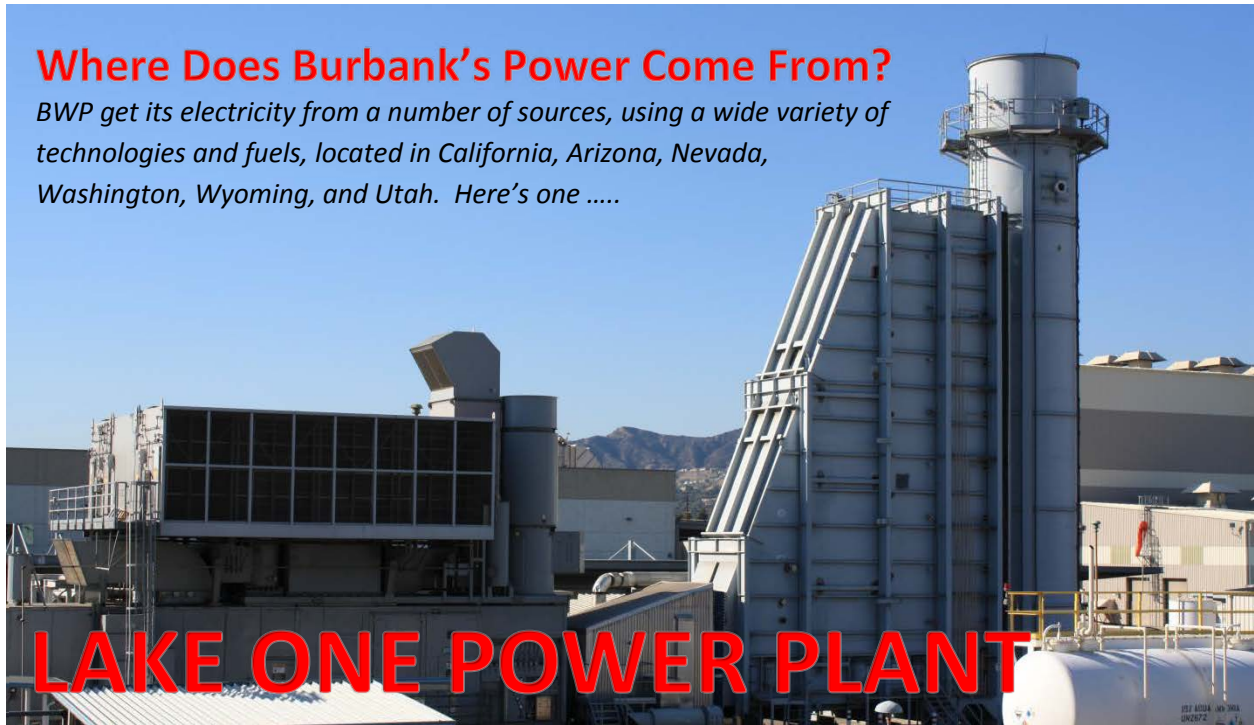


## Where Does Burbank's Power Come From?

*BWP get its electricity from a number of sources, using a wide variety of technologies and fuels, located in California, Arizona, Nevada, Washington, Wyoming, and Utah. Here's one .....*



When most people think of BWP's local power plants they think of the Magnolia Power Plant which towers above Magnolia Boulevard or the Olive Plant that has peered over Olive Street since the early 1960s.

Lake One is another important power plant that gives BWP the ability to make electricity locally and is on the BWP campus ready to serve Burbank in times of need.

Lake One is a natural gas-fired plant rated to produce 45 megawatts. Lake One generates electricity by burning natural gas in a General Electric LM-6000 combustion turbine which is much like a large jet engine. The turbine is connected to a generator which produces electricity from the turbine's rotation.

Lake One can quickly accelerate or decelerate, in as little as ten minutes, to the desired output. By way of contrast, Magnolia Power Plant's role is to operating at maximum efficiency around-the-clock rather than sprinting into action in times of need.

Lake One works to ensure the reliability of BWP's electric system by providing reserve generating capacity in the event of an outage elsewhere on the electric system. Also, when additional power is needed on an exceptionally hot day when air conditioner use is high, Lake One is there to meet the need. In addition, Lake One's ability to start quickly allows BWP to react to changes such as when solar panels start generating at sunrise and stop generating at sundown.