

**STOUT & BURG ELECTRIC, INC. FEATURED
AT GRAND OPENING OF LATISYS DATA CENTER OC2
BRAND-NEW DATA CENTER UNVEILED IN IRVINE**

Tustin, CA,-- October, 2011 Stout & Burg Electric, Inc. (SBE) successfully completed the electrical infrastructure installation of Latisys OC2 Data Center in Irvine, California. The 90,000 square-foot facility was opened for business on September 22 with an Open House celebration and ribbon-cutting ceremony. Over 500 guests attended, including Irvine Mayor Sukhee Kang and representatives from the California State Legislature.

This ambitious ground-up project required close coordination among all the contractors involved. Stout & Burg Electric, along with the IBEW, provided expertise to the Latisys management team to identify potential concerns and prevent problems before they occurred.

Project specifications included: 20 megawatts of expandable utility power capacity, 20 megawatts of expandable N+1 emergency generator backup, associated switch gear, and paralleled N+1 UPS modules. Construction required 90 tons of underground concrete electric vaults, 40,000 cubic feet of underground conduit concrete encasement, over 24 miles of electrical feeder cable, and 2700 electrical terminations. Over 40 electricians were employed for the project.



In addition to serving as the primary electrical contractor of this brand-new data center, SBE supports Latisys' pre-existing OC1 facility.

Stout & Burg Electric, Inc. is a Tustin-based electrical contractor experienced with industrial and commercial lighting,

power, communications, mechanical and temperature control installations, maintenance and repair. The company possesses expertise with emergency generator power, AC and DC electrical power plant requirements, mission critical systems, building monitoring systems (BMS) and HVAC systems integration. It is a preferred installer of solar systems for various solar panel manufacturers and solar systems sales companies, and an Elite Electrical Contractor for SunPower Corporation. Work is performed by IBEW trained union electricians. For more information: call 714.544.5066, visit www.sbeoc.com, or email info@sbeoc.com.

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Electrical Specs

What Was Built

- 20 megawatts of expandable utility power capacity – **4 megawatts Day One**
- 20 megawatts of expandable N+1 power backup – **6 megawatts Day One** utilizing **Caterpillar** diesel generators
- Multiple redundant UPS to allow for true A/B power configuration
- Paralleled N+1 UPS modules
- Best-of-breed Switch Gear
- Best-of-breed power distribution technology

What It Took

- *9.5 miles* Electrical Conduit Piping
- *24 miles* Electrical Feeder Cable
- *2,700* Number of Electrical Terminations
- *90 tons (180,000 lbs)* Underground Concrete Electric vaults
- *40,000 cubic feet* Underground Conduit Concrete Encasement
- *213 tons (425,000 lbs)* Electrical Distribution Equipment
- *Over 40 electricians*