



COUNTY OF LOS ANGELES

Internal Services Department

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Dave Lambertson
Director

To enrich lives through effective and caring service.

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September 13, 2006

To: Mayor Michael D. Antonovich
Supervisor Gloria Molina
Supervisor Yvonne B. Burke
Supervisor Zev Yaroslavsky
Supervisor Don Knabe

From: Dave Lambertson
Director

Subject: **PUBLIC COOLING CENTERS DUAL FEED POWER SUPPLY**

On August 29, 2006, a plan and procedures for opening public cooling centers (Centers) was submitted to your Board by the Chief Administrative Office, Department of Public Health, Department of Community and Senior Services (DCSS), Internal Services Department (ISD) and the Department of Parks and Recreation.

During the August 29th Board meeting, ISD was instructed to examine the possibility of having Southern California Edison (SCE) provide dual feed power supplies to the Centers and to research the cost to install standby generator systems at the Centers as another option to provide power in case of a power outage. There are 11 DCSS sites on the current Cooling Centers list where a dual feed power supply or standby generator could be installed.

Dual Feed

ISD contacted SCE and established that the cost to install a separate electrical circuit to a designated cooling center is approximately \$120,000 per site. For the eleven designated Centers, the cost would be approximately \$1,320,000.

Our SCE contact made it clear to us that installing a separate electrical circuit does not guarantee the Center will not suffer a power outage. Since both electrical circuits in a dual feed configuration are often connected to the same regional power distribution station, an area outage that affects the regional station will cause a power outage at the Center, even with dual electrical feeds.

The time frame to have a dual feed system installed by SCE is six months from the time the County pays the installation fees.

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Standby Generator

The approximate cost to install a standby generator system capable of providing electricity to all systems in the building for the typical Center is \$200,000. For the eleven designated Centers, the cost would be approximately \$2,000,000.

Of the two systems, dual feed or generator, the generator costs more but is more reliable as backup power source in the event of an area power outage.

The time frame to purchase and install a standby generator is three months per location.

Should you have any questions regarding this matter, please let me know, or your staff may contact Tim Braden at (323) 267-2107.

DL:TB:cv

c: David Janseen, CAO
ISD Board Deputies

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