
CPDC A/E Technical Bulletin

09-020

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From: Satinder Gulati, University Engineer

Subject: **[NEW] 2008 Title 24 Building Energy Efficiency Standards and Revised CSU Compliance Requirements**

Distribution: University Facilities Officers, Physical Plant Directors, Energy Managers, CPDC Managers

Item No.	Information
1	Issue: The new <u>2008</u> California Building Energy Efficiency Standards will take effect January 1, 2010. Existing CSU compliance requirements are being adjusted to respond to new Standard.
2	Response: Bulletin 08-014 established 20% exceedance for new construction and 10% exceedance for renovation work using the <u>2007</u> Energy code as a baseline. When the proposed building is connected to a central chiller plant supported by thermal energy storage (TES), the new standard outperformance criteria (excluding process loads) shall remain 20% for new construction and 10% for renovation projects. However, if the proposed building is not connected to the central plant and is designed with its own dedicated mechanical system without a TES system, this outperformance (excluding process loads) will be reduced to 15% for new construction and 7.5% for renovation projects. New Construction: 15% better than 2008 T24 (excluding process loads). Renovation Construction: 7.5% better than 2008 T24 (excluding process loads). In addition, CSU policy will no longer accept individual Title 24 building calculation components (building envelope, lighting, mechanical systems and domestic hot water systems) that have individual negative Title 24 compliance margins.
3	Where to Find: 12/3/09 CPDC Policy Memo. Replaces 10/1/08 memo (TB08-014)
4	Website: http://www.calstate.edu/cpdc/ae/memos/TB_09020-memo.pdf
5	Applicability: All projects regardless of funding beginning design after 1/1/2010.
6	Notes: See attachment for compliance calculation examples, summary of changes, and comparative analysis between code editions.
