

**MORROW-  
MEADOWS  
CORPORATION**

**ELECTRICAL CONTRACTORS AND ENGINEERS**

9160 Kearny Villa Court  
San Diego, CA 92123  
Telephone: (858) 974-3650  
Fax: (858) 974-3660  
www.morrow-meadows.com  
License No. 230813-C10

January 31, 2012

**DOCKET**

**10-BSTD-01**

DATE JAN 31 2012

RECD. FEB 13 2012

California Energy Commission  
1516 Ninth Street, MS-31  
Sacramento, CA 95814

Re: Docket # 10-BSTD-01

Subject: Building Energy Efficiency Standards Acceptance Testing and Documentation

Dear Commissioners,

My name is Gary Deadmon, Vice President at Morrow-Meadows Corporation (San Diego) an electrical contractor who has been in business for 48 years.

As you know, lighting is one of the state's largest annual consuming end use and a critical contributor to peak load. The lighting industry has done a reasonable job of replacing inefficient lamps and ballasts with more efficient equipment. Given that, one of the greatest potentials for gains in energy efficiency is through the deployment of lighting control systems that turn off or dim indoor and outdoor lighting. Overall, the lighting industry has a less than acceptable record of consistently providing high quality installations that achieve the optimum performance levels necessary to successfully deal with the peak load and demand issues. One of the reasons is due to the extremely complex and technical nature of advanced lighting controls

We request that the Building Energy Efficiency Standards 2013 Edition require all advanced lighting control related acceptance testing and documentation to be performed by California state certified general electricians who are also certified by the California Advanced Lighting Controls Training Program (CALCTP), and who are performing the work while employed by a California licensed C-10 electrical contractor who holds a CALCTP contractor certification.

These acceptance tests require skills that are not commonly found in the industry but which are mastered in the 60 hours of CALCTP training and certification. To be eligible to enter CALCTP, candidates must be state certified general electricians. CALCTP consists of a very vigorous curriculum designed by California utilities, the California Lighting Technology Center at U.C. Davis, and electrical industry master instructors. The training includes 40 hours of hands-on labs which require a 100% pass rate for graduation, and lectures followed by a comprehensive and demanding final exam. According to an extensive study by the CPUC, published as the California Workforce Education & Training Needs Assessment for Energy Efficiency, Distributed Generation, and Demand Response, 2011 "The CALCTP presents a model for future IOU workforce planning and sector strategies for the deployment of new clean energy measures and initiatives."

As an employer, I believe this requirement is the most cost-effective method available to ensure advanced lighting systems are performing at their peak efficiency. Thank you for your consideration of this request.

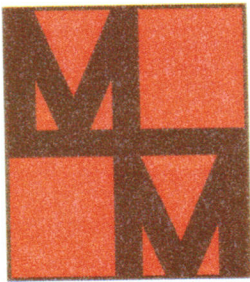
Sincerely,

MORROW-MEADOWS CORPORATION

  
Gary Deadmon  
Vice President

MEMBER OF THE NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION





**MORROW-  
MEADOWS  
CORPORATION**

ELECTRICAL/DATACOM CONTRACTORS AND ENGINEERS

1050 Bing Street  
San Carlos, CA 94070  
Telephone: (650) 634-0682  
Fax: (650) 634-0683  
License No. 230813-C10

January 31, 2012

California Energy Commission  
1516 Ninth Street, MS-31  
Sacramento, CA 95814

Re: Docket # 10-BSTD-01

Subject: Building Energy Efficiency Standards Acceptance Testing and Documentation

Dear Commissioners,

My name is James Goetz, Vice President/General Manager at Morrow-Meadows Corporation (Northern California) an electrical contractor who has been in business for 48 years.

As you know, lighting is one of the state's largest annual consuming end use and a critical contributor to peak load. The lighting industry has done a reasonable job of replacing inefficient lamps and ballasts with more efficient equipment. Given that, one of the greatest potentials for gains in energy efficiency is through the deployment of lighting control systems that turn off or dim indoor and outdoor lighting. Overall, the lighting industry has a less than acceptable record of consistently providing high quality installations that achieve the optimum performance levels necessary to successfully deal with the peak load and demand issues. One of the reasons is due to the extremely complex and technical nature of advanced lighting controls

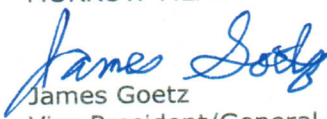
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As an employer, I believe this requirement is the most cost-effective method available to ensure advanced lighting systems are performing at their peak efficiency. Thank you for your consideration of this request.

Sincerely,

MORROW-MEADOWS CORPORATION

  
James Goetz  
Vice President/General Manager

MEMBER OF THE NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION

# TAFT ELECTRIC COMPANY

ELECTRICAL CONTRACTORS

STATE LICENSE NO. 772245

HOME OFFICE

1694 EASTMAN AVENUE • P.O. BOX 3416 • VENTURA, CALIFORNIA 93006 • (805) 642-0121

February 1, 2012

California Energy Commission  
1516 Ninth Street, MS-31  
Sacramento, CA 95814

Re: Docket # 10-BSTD-01

Subject: Building Energy Efficiency Standards Acceptance Testing and Documentation

Dear Commissioners,

My name is Jim Marsh and I am the President of Taft Electric Company. Taft Electric has been in business since 1947.

As you know, lighting is one of the state's largest annual consuming end use and a critical contributor to peak load. The lighting industry has done a reasonable job of replacing inefficient lamps and ballasts with more efficient equipment. Given that, one of the greatest potentials for gains in energy efficiency is through the deployment of lighting control systems that turn off or dim indoor and outdoor lighting. Overall, the lighting industry has a less than acceptable record of consistently providing high quality installations that achieve the optimum performance levels necessary to successfully deal with the peak load and demand issues. One of the reasons is due to the extremely complex and technical nature of advanced lighting controls.

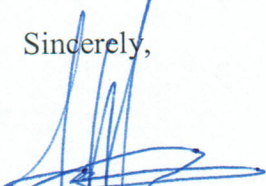
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As an employer, I believe this requirement is the most cost-effective method available to ensure advanced lighting systems are performing at their peak efficiency. Thank you for your consideration of this request.

Sincerely,

A handwritten signature in blue ink, appearing to read "James Marsh", with a stylized flourish underneath.

James Marsh  
President

Date 2/2/2012

California Energy Commission  
1516 Ninth Street, MS-31  
Sacramento, CA 95814

Re: Docket # 10-BSTD-01

Subject: Building Energy Efficiency Standards Acceptance Testing and Documentation

Dear Commissioners,

I am Rubio Rubio, CEO of On Target Electric, and have been in business for 3 ½ years.

As you know, lighting is one of the state's largest annual consuming end use and a critical contributor to peak load. The lighting industry has done a reasonable job of replacing inefficient lamps and ballasts with more efficient equipment. Given that, one of the greatest potentials for gains in energy efficiency is through the deployment of lighting control systems that turn off or dim indoor and outdoor lighting. Overall, the lighting industry has a less than acceptable record of consistently providing high quality installations that achieve the optimum performance levels necessary to successfully deal with the peak load and demand issues. One of the reasons is due to the extremely complex and technical nature of advanced lighting controls

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As an employer, I believe this requirement is the most cost-effective method available to ensure advanced lighting systems are performing at their peak efficiency. Thank you for your consideration of this request.

Sincerely,

Rubio Rubio







4 Generations since 1938

1298 Pacific Oaks Place • Escondido, CA 92029  
760.745.2001 • Fax 760.745.3610 • C-10-161756

January 30, 2012

California Energy Commission  
1516 Ninth Street, MS-31  
Sacramento, CA 95814

Re: Docket # 10-BSTD-01

Subject: Building Energy Efficiency Standards Acceptance Testing and Documentation

Dear Commissioners,

I am writing to you on behalf of my company, Baker Electric inc. My electrical contracting company is entering its 74<sup>th</sup> year of business in Escondido, California. As President, I am proudly leading this company as a fourth generation owner and wanted to take a moment of your time to address an area of concern for my industry.

As you know, lighting is one of the state's largest annual consuming end use and a critical contributor to peak load. The lighting industry has done a reasonable job of replacing inefficient lamps and ballasts with more efficient equipment. Given that, one of the greatest potentials for gains in energy efficiency is through the deployment of lighting control systems that turn off or dim indoor and outdoor lighting. Overall, the lighting industry has a less than acceptable record of consistently providing high quality installations that achieve the optimum performance levels necessary to successfully deal with the peak load and demand issues. One of the reasons is due to the extremely complex and technical nature of advanced lighting controls

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As an employer, I believe this requirement is the most cost-effective method available to ensure advanced lighting systems are performing at their peak efficiency. Thank you for your consideration of this request.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Ted N. Baker', is written over a faint, illegible background.

Ted N. Baker, President  
Baker Electric, inc.



Orange County Chapter  
NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION

February 3, 2012

California Energy Commission  
1516 Ninth Street, MS-31  
Sacramento, CA 95814

Re: Docket # 10-BSTD-01

Subject: Building Energy Efficiency Standards Acceptance Testing and Documentation

Dear Commissioners,

My name is Steve Brown and I am the Chapter Manager of the Orange County Chapter of the National Electrical Contractors Association. Chartered in 1959, the Orange County Chapter has been the voice of the electrical construction industry for over 50 years.

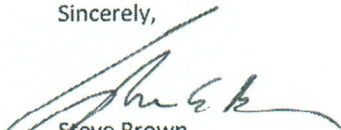
As you are aware, lighting is one the state's largest annual consuming end uses and a critical contributor to peak load. The lighting industry has done a reasonable job of replacing inefficient lamps and ballasts with more efficient equipment. However, one of the greatest potentials for significant gains in energy efficiency has been largely missed, which is the deployment of lighting control systems that turn off or dim indoor and outdoor lighting. Overall, the lighting industry has a less than acceptable record of consistently providing high quality installations that achieve the optimum performance levels necessary to successfully deal with the peak load and demand issues. This can be attributed to the extremely complex and technical nature of advanced lighting controls.

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Many of our member contracting firms have taken advantage of CALCTP and they value the technical expertise this training has brought to their companies to ensure advanced lighting systems are performing at their peak efficiency. Thank you for your consideration of this request.

Sincerely,



Steve Brown  
Chapter Manager