

## **Comment 1 for Sulfur Hexafluoride Emissions Regulation (sf6elec10) - 45 Day.**

First Name: Matthew

Last Name: Gudorf

Email Address: mgudorf@uci.edu

Affiliation:

Subject: Useless and arbitrary

Comment:

Another rule that can be imposed that just creates an overhead and paperwork nightmare for the end user. More bureaucratic feel good but solve nothing regulation.

Did you know that UC Irvine has SF6 Switches? Its not a bunch of investor owned utilities that have to spend the time, money, and effort to meet these new ridiculous rules its also cash strapped universities that own their own distribution equipment.

I oppose this regulation. Another ridiculous rule that will hurt the economy, drive business out of California, and do nothing to help the environment as there is no better insulator than SF6.

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-01-23 17:50:59

No Duplicates.

## **Comment 2 for Sulfur Hexafluoride Emissions Regulation (sf6elec10) - 45 Day.**

First Name: Fred

Last Name: Paul

Email Address: FredMPaul@eaton.com

Affiliation:

Subject: CARB should Ban SF6 Gas at or below 72-kV

Comment:

I would like to offer the following information in support of the CARB's proposal for tighter limits on Sulfur Hexafluoride (SF6) gas emissions from electrical equipment:

SF6 gas was initially introduced to the electrical industry for its arc quenching and insulation properties in high-voltage circuit breakers. It then evolved as a replacement for oil in lower voltage circuit breakers above 15,000-Volt (15-kV). At 15-kV and below, air replaced oil as an interruption and insulation medium. The next technical development in the late 70's was the advancement of vacuum interruption technology up to 38,000-Volt (38-kV), with air as the insulating medium.

Unfortunately, SF6 gas has found its way into electrical products such as switches, contactors, disconnects, transmission lines, transformers, circuit breakers, substations, and in underground vaults as low as 2400-Volt (2.4-kV).

Many of these products come into the US from other countries. The CARB should take comfort in the knowledge that today, electrical products at or below 72,000-Volt (

Attachment: "

Original File Name:

Date and Time Comment Was Submitted: 2010-02-16 07:39:37

No Duplicates.

**Comment 3 for Sulfur Hexafluoride Emissions Regulation (sf6elec10) - 45 Day.**

First Name: Lily  
Last Name: Mitchell  
Email Address: lmitchell@hanmor.com  
Affiliation: SCPPA

Subject: Comments of SCPPA on proposed SF6 regulation

Comment:

Please find attached the submission of the Southern California Public Power Authority on the proposed SF6 regulation.

Attachment: '[https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach-old/sf6elec10/5-300226001lmm02161001\\_sf6\\_submission\\_final.pdf](https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach-old/sf6elec10/5-300226001lmm02161001_sf6_submission_final.pdf)'

Original File Name: 300226001lmm02161001 SF6 submission final.pdf

Date and Time Comment Was Submitted: 2010-02-16 19:47:19

No Duplicates.

**Comment 4 for Sulfur Hexafluoride Emissions Regulation (sf6elec10) - 45 Day.**

First Name: Eric  
Last Name: Hsieh  
Email Address: eric.hsieh@nema.org  
Affiliation: NEMA

Subject: NEMA SF6 Task Group Comments

Comment:

The comments of the SF6 Task Group of the National Electrical Manufacturers Association are enclosed in the PDF attachment.

Attachment: '[https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach-old/sf6elec10/6-carb\\_comments\\_nema.pdf](https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach-old/sf6elec10/6-carb_comments_nema.pdf)'

Original File Name: CARB Comments\_NEMA.pdf

Date and Time Comment Was Submitted: 2010-02-19 06:38:22

No Duplicates.

## **Comment 5 for Sulfur Hexafluoride Emissions Regulation (sf6elec10) - 45 Day.**

First Name: Kyle

Last Name: Davis

Email Address: [kyle.l.davis@pacificorp.com](mailto:kyle.l.davis@pacificorp.com)

Affiliation: PacifiCorp

Subject: Comments of PacifiCorp regarding proposed SF6 rule

Comment:

I am writing to you on behalf of PacifiCorp to provide you with comments in response to the California Air Resources Board's ("CARB") "Proposed Regulatory Language Subarticle 4. Gas Insulated Switchgear", dated January 7, 2010.

Attachment: '[https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach-old/sf6elec10/7-pacificorp-sf6\\_comments\\_2010-feb.pdf](https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach-old/sf6elec10/7-pacificorp-sf6_comments_2010-feb.pdf)'

Original File Name: PacifiCorp-SF6\_comments\_2010-Feb.pdf

Date and Time Comment Was Submitted: 2010-02-23 13:55:53

No Duplicates.

**Comment 6 for Sulfur Hexafluoride Emissions Regulation (sf6elec10) - 45 Day.**

First Name: Lily  
Last Name: Mitchell  
Email Address: lmitchell@hanmor.com  
Affiliation: SCPPA

Subject: Further SCPPA comments on SF6 regulation

Comment:

Please find attached additional comments by the Southern California Public Power Authority on the proposed SF6 regulation.

Attachment: '[https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach-old/sf6elec10/8-300226001lmm02241001\\_further\\_sf6\\_submission\\_final.pdf](https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach-old/sf6elec10/8-300226001lmm02241001_further_sf6_submission_final.pdf)'

Original File Name: 300226001lmm02241001\_Further\_SF6\_submission\_final.pdf

Date and Time Comment Was Submitted: 2010-02-24 11:49:52

No Duplicates.

**Comment 7 for Sulfur Hexafluoride Emissions Regulation (sf6elec10) - 45 Day.**

First Name: Kyle

Last Name: Boudreux

Email Address: kyle.boudreux@fpl.com

Affiliation:

Subject: NextEra Energy Resources

Comment:

please see attached

Attachment: '<https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach-old/sf6elec10/11-kyle.pdf>'

Original File Name: Kyle.pdf

Date and Time Comment Was Submitted: 2010-03-02 09:59:45

No Duplicates.

**Comment 1 for Sulfur Hexafluoride Emissions Regulation (sf6elec10). (At Hearing)**

First Name: Victor

Last Name: Yamada

Email Address: Non-web submitted comment

Affiliation:

Subject: Southern California Edison Company

Comment:

please see attached

Attachment: <https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach-old/sf6elec10/12-victor.pdf>

Original File Name: Victor.pdf

Date and Time Comment Was Submitted: 2010-03-16 10:34:00

No Duplicates.

**Comment 2 for Sulfur Hexafluoride Emissions Regulation (sf6elec10). (At Hearing)**

First Name: Susie

Last Name: Berlin

Email Address: Non-web submitted comment

Affiliation:

Subject: McCarthy & Berlin, LLP

Comment:

please see attached

Attachment: <https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach-old/sf6elec10/13-susie.pdf>

Original File Name: Susie.pdf

Date and Time Comment Was Submitted: 2010-03-16 10:34:00

No Duplicates.

## **Comment 1 for Sulfur Hexafluoride Emissions Regulation (sf6elec10) - 15-1.**

This comment was posted then deleted because it was unrelated to the Board item or it was a duplicate.

## **Comment 2 for Sulfur Hexafluoride Emissions Regulation (sf6elec10) - 15-1.**

First Name: Eric

Last Name: Chung

Email Address: eric.chung@pacificorp.com

Affiliation: PacifiCorp

Subject: Comments regarding "Proposed Regulatory Language Subarticle 4. Gas Insulated Switchgear"

Comment:

PacifiCorp respectfully submits these comments as requested in response to the updates to the California Air Resources Board's ("CARB") "Proposed Regulatory Language Subarticle 4. Gas Insulated Switchgear", dated September 9, 2010. We appreciate the opportunity to submit our comments, which replaces our previous submission dated February 22, 2010.

Regards,

Eric Chung  
Director, Environmental Policy & Strategy  
PacifiCorp

Attachment: [https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach-old/sf6elec10/16-pacificorp-sf6\\_comments\\_2010-sep\\_final.pdf](https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach-old/sf6elec10/16-pacificorp-sf6_comments_2010-sep_final.pdf)

Original File Name: PacifiCorp-SF6\_comments\_2010-Sep\_FINAL.pdf

Date and Time Comment Was Submitted: 2010-09-24 11:46:37

No Duplicates.

### **Comment 3 for Sulfur Hexafluoride Emissions Regulation (sf6elec10) - 15-1.**

First Name: Lily

Last Name: Mitchell

Email Address: lmitchell@hanmor.com

Affiliation: SCPPA

Subject: SCPPA comments on SF6 regulation

Comment:

SCPPA comments attached.

Attachment: [https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach-old/sf6elec10/18-300226001lmm09241001\\_15-day\\_sf6\\_comments.pdf](https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach-old/sf6elec10/18-300226001lmm09241001_15-day_sf6_comments.pdf)

Original File Name: 300226001lmm09241001 15-day SF6 comments.pdf

Date and Time Comment Was Submitted: 2010-09-24 16:50:35

No Duplicates.

## **Comment 4 for Sulfur Hexafluoride Emissions Regulation (sf6elec10) - 15-1.**

First Name: Lily

Last Name: Mitchell

Email Address: lmitchell@hanmor.com

Affiliation: Utilities Group

Subject: Utilities Group comments on SF6 regulation

Comment:

Utilities Group comments attached.

Attachment: [https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach-old/sf6elec10/19-sf6\\_utilities\\_group\\_letter\\_092410.pdf](https://ww2.arb.ca.gov/sites/default/files/BARCU/barcu-attach-old/sf6elec10/19-sf6_utilities_group_letter_092410.pdf)

Original File Name: SF6 Utilities Group Letter 092410.pdf

Date and Time Comment Was Submitted: 2010-09-24 16:50:35

No Duplicates.