

## **Comment 1 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Jonathan

Last Name: Stewart

Email Address: jonathan.stewart@nema.org

Affiliation: Electric T&D SF6 Coalition

Subject: Comment to Aug 2019 Discussion Draft

Comment:

Ms. Bylin and CARB Staff,

Please find attached comments by the Electric Transmission & Distribution SF6 Coalition to the latest Discussion Draft.

Available for follow-up discussion.

Thank you.

Attachment: [www.arb.ca.gov/lists/com-attach/1-sf6regamendws3-ws-WjlcO1ckUmNQCQhr.pdf](http://www.arb.ca.gov/lists/com-attach/1-sf6regamendws3-ws-WjlcO1ckUmNQCQhr.pdf)

Original File Name: CARB Comments August 2019.pdf

Date and Time Comment Was Submitted: 2019-08-28 06:34:56

No Duplicates.

## **Comment 2 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Billy

Last Name: Lao

Email Address: billy@dilo.com

Affiliation:

Subject: Comments from Aug 2019 SF6 gas regulations review

Comment:

CARB Representatives:

Please find the formal response and comments which are from the recent August 2019 workshop held at the CARB facilities for greenhouse gas emissions regulations change considerations.

DILo welcomes any feedback and is prepared to discuss with CARB Staff any of the items discussed in the attached comments letter.

Attachment: [www.arb.ca.gov/lists/com-attach/2-sf6regamendws3-ws-VDdQN1YIUWADWgdk.pdf](http://www.arb.ca.gov/lists/com-attach/2-sf6regamendws3-ws-VDdQN1YIUWADWgdk.pdf)

Original File Name: CARB Comments August 2019 Final.pdf

Date and Time Comment Was Submitted: 2019-08-28 08:57:47

No Duplicates.

### **Comment 3 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Nicholas  
Last Name: Ottersbach  
Email Address: no@nuventura.com  
Affiliation: Nuventura GmbH

Subject: Comment on SF6 Phase Out Date  
Comment:

Dear Sir/Madam,

Please find attached Nuventura's comment on CARB'S SF6 Phase Out date.

Sincerely,

Attachment: [www.arb.ca.gov/lists/com-attach/3-sf6regamendws3-ws-AjAFM1RkB20GMFdv.pdf](http://www.arb.ca.gov/lists/com-attach/3-sf6regamendws3-ws-AjAFM1RkB20GMFdv.pdf)

Original File Name: 20190829\_Comment on CARB SF6 Phase out date.pdf

Date and Time Comment Was Submitted: 2019-08-29 02:22:12

No Duplicates.

## **Comment 4 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Karla

Last Name: Trost

Email Address: ktrost@gwelec.com

Affiliation: G&W Electric Company

Subject: Comments about the August 15, 2019 DISCUSSION DRAFT Message:

Comment:

See attached.

Attachment: [www.arb.ca.gov/lists/com-attach/4-sf6regamendws3-ws-UjVSIwZYAjILYgRp.pdf](http://www.arb.ca.gov/lists/com-attach/4-sf6regamendws3-ws-UjVSIwZYAjILYgRp.pdf)

Original File Name: GW Comments to CARB August2019 Discussion Draft 2019Aug29.pdf

Date and Time Comment Was Submitted: 2019-08-29 13:05:52

No Duplicates.

## **Comment 5 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Jonathan

Last Name: Kirby

Email Address: jonathan.kirby@brookfieldrenewable.com

Affiliation: Brookfield Renewable

Subject: Comments on August 2019 SF6 Discussion Draft

Comment:

Please find attached our comments on the August 2019 SF6 Discussion Draft.

Attachment: [www.arb.ca.gov/lists/com-attach/5-sf6regamendws3-ws-WzhcOwZ1UWAHXgFy.pdf](http://www.arb.ca.gov/lists/com-attach/5-sf6regamendws3-ws-WzhcOwZ1UWAHXgFy.pdf)

Original File Name: CARB SF6 Comment 8-29-2019 .pdf

Date and Time Comment Was Submitted: 2019-08-29 13:28:20

No Duplicates.

## **Comment 6 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Brian

Last Name: Yim

Email Address: byim@sdge.com

Affiliation: SDG&E

Subject: San Diego Gas and Electric Company's Additional Comments to Draft.8.29.19  
Comment:

Please see attached document.

Attachment: [www.arb.ca.gov/lists/com-attach/6-sf6regamendws3-ws-WyhSMFM1BDIFXANw.pdf](http://www.arb.ca.gov/lists/com-attach/6-sf6regamendws3-ws-WyhSMFM1BDIFXANw.pdf)

Original File Name: SDGE SF6 Letter to CARB 8.29.19.pdf

Date and Time Comment Was Submitted: 2019-08-29 14:28:19

No Duplicates.

## **Comment 7 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Steve

Last Name: Lins

Email Address: [steve.lins@smud.org](mailto:steve.lins@smud.org)

Affiliation:

Subject: SMUD Utility Comments on CARB SF6

Comment:

SMUD comments on August 15, 2019 Discussion Draft of Potential Changes to the Regulation for Reducing Sulfur Hexafluoride Emissions from Gas Insulated Switchgear.

Attachment: [www.arb.ca.gov/lists/com-attach/7-sf6regamendws3-ws-WzdRMgdhV1tQZAg4.pdf](http://www.arb.ca.gov/lists/com-attach/7-sf6regamendws3-ws-WzdRMgdhV1tQZAg4.pdf)

Original File Name: LEG 2019-0187 Comments Re Utility Comments on CARB SF6.pdf

Date and Time Comment Was Submitted: 2019-08-29 15:09:51

No Duplicates.

## **Comment 8 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Barbara  
Last Name: McBride  
Email Address: Barbara.McBride@calpine.com  
Affiliation: Calpine Corporation

Subject: Calpine Corporation Comments Regarding Potential Changes to the SF6 Regulation  
Comment:

Dear Ms. Carey Bylin,

Please find attached Calpine Corporation's comments regarding potential changes to the regulation for reducing sulfur hexafluoride emissions from gas insulated switchgear.

Sincerely,

Barbara McBride,  
Director of Strategic Origination  
Calpine Corporation

Attachment: [www.arb.ca.gov/lists/com-attach/8-sf6regamendws3-ws-ADFQb1BhVzwCNlBn.pdf](http://www.arb.ca.gov/lists/com-attach/8-sf6regamendws3-ws-ADFQb1BhVzwCNlBn.pdf)

Original File Name: 190827\_Calpine SF6 GIE Comments CARB (00491797xBA8E1).pdf

Date and Time Comment Was Submitted: 2019-08-29 15:22:55

No Duplicates.

## **Comment 9 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Miriam

Last Name: Sykes

Email Address: msykes@glandaleca.gov

Affiliation: City of Glendale Water & Power

Subject: Enforcement (Section 95357)

Comment:

I would like to bring to your attention that 95357(c) still uses the "emission rate limit" exceedance for a calendar year as limit to be enforced and assessed penalties.

Should this be replaced with "emissions limit exceedance" for calendar year? Or simply "Annual emissions limit exceedance"

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2019-08-29 15:24:59

No Duplicates.

## **Comment 10 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

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

**Comment 11 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Ken

Last Name: Nold

Email Address: krnold@tid.org

Affiliation: Turlock Irrigation District

Subject: TID Comments on CARB SF6 8-15-19 Workshop

Comment:

TID Comments on CARB SF6 8-15-19 Workshop

Attachment: [www.arb.ca.gov/lists/com-attach/11-sf6regamendws3-ws-UCQGaQNmUI5XMII9.pdf](http://www.arb.ca.gov/lists/com-attach/11-sf6regamendws3-ws-UCQGaQNmUI5XMII9.pdf)

Original File Name: TID Comments on SF6 Aug 15.pdf

Date and Time Comment Was Submitted: 2019-08-29 15:58:49

No Duplicates.

## **Comment 12 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Kurt  
Last Name: Werner  
Email Address: ktwerner@mmm.com  
Affiliation: 3M

Subject: Comments on August 15 Public Workshop  
Comment:

Comments are included in the uploaded file.

Attachment: [www.arb.ca.gov/lists/com-attach/12-sf6regamendws3-ws-AmFcOwFyBDULUgJx.pdf](http://www.arb.ca.gov/lists/com-attach/12-sf6regamendws3-ws-AmFcOwFyBDULUgJx.pdf)

Original File Name: CARB SF6 Comments 8-29-19 3M.pdf

Date and Time Comment Was Submitted: 2019-08-29 16:28:44

No Duplicates.

## **Comment 13 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Tammy

Last Name: Yamasaki

Email Address: tammy.yamasaki@sce.com

Affiliation: Southern California Edison

Subject: SCE Comments on August 2019 SF6 Discussion Draft

Comment:

SCE appreciates the opportunity to review and comment on this Discussion Draft. Thank you for taking into account many of our previous concerns! We look forward to continuing to work collaboratively.

Attachment: [www.arb.ca.gov/lists/com-attach/13-sf6regamendws3-ws-BXZVMARgBwsKfwhu.pdf](http://www.arb.ca.gov/lists/com-attach/13-sf6regamendws3-ws-BXZVMARgBwsKfwhu.pdf)

Original File Name: SCE SF6 Comments\_FINAL\_8-29-19.pdf

Date and Time Comment Was Submitted: 2019-08-29 16:45:31

No Duplicates.

## **Comment 14 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Scott  
Last Name: Miller  
Email Address: smiller@wptf.org  
Affiliation: Western Power Trading Forum

Subject: Western Power Trading Forum Comments on August 15th SF6 Discussion Draft Regulations  
Comment:

Dear Ms. Bylin,

Please find attached a copy of the Western Power Trading Forum's comments on the August 15, 2019 discussion draft of potential changes to the regulation for reducing sulfur hexafluoride emissions from gas insulated switchgear.

Sincerely,

Scott Miller  
Executive Director  
Western Power Trading Forum

Attachment: [www.arb.ca.gov/lists/com-attach/14-sf6regamendws3-ws-UWBQb1RIWTJQZAU8.pdf](http://www.arb.ca.gov/lists/com-attach/14-sf6regamendws3-ws-UWBQb1RIWTJQZAU8.pdf)

Original File Name: 190829\_WPTF Comments on 8.15 Draft Regulations (00491814xBA8E1).pdf

Date and Time Comment Was Submitted: 2019-08-29 16:41:57

No Duplicates.

**Comment 15 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Cindy  
Last Name: Parsons  
Email Address: Cindy.Parsons@ladwp.com  
Affiliation: LADWP

Subject: LADWP Comments on August 2019 SF6 Regulation Discussion Draft  
Comment:

See attached.

Attachment: [www.arb.ca.gov/lists/com-attach/15-sf6regamendws3-ws-AW1cO104VnJVIwIW.pdf](http://www.arb.ca.gov/lists/com-attach/15-sf6regamendws3-ws-AW1cO104VnJVIwIW.pdf)

Original File Name: LADWP Comments on August 2019 SF6 Reg Discussion Draft (8-29-19) w attachment.pdf

Date and Time Comment Was Submitted: 2019-08-30 10:19:05

No Duplicates.

**Comment 16 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Linus  
Last Name: Farias  
Email Address: LJFb@pge.com  
Affiliation: JUG

Subject: SF6 JUG Comments to August 15, 2019 Discussion Draft  
Comment:

See attached.

Attachment: [www.arb.ca.gov/lists/com-attach/17-sf6regamendws3-ws-B3RUNFxrU18CblUg.pdf](http://www.arb.ca.gov/lists/com-attach/17-sf6regamendws3-ws-B3RUNFxrU18CblUg.pdf)

Original File Name: SF6 JUG-29APR2019 JUG Comments\_r.pdf

Date and Time Comment Was Submitted: 2019-08-30 10:23:26

No Duplicates.

**Comment 17 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Linus  
Last Name: Farias  
Email Address: LJFb@pge.com  
Affiliation: PG&E

Subject: PG&E comments to August 15, 2019 SF6 Discussion Draft regulation  
Comment:

See attached.

Attachment: [www.arb.ca.gov/lists/com-attach/18-sf6regamendws3-ws-AnJTMlYyU18Kb1U6.pdf](http://www.arb.ca.gov/lists/com-attach/18-sf6regamendws3-ws-AnJTMlYyU18Kb1U6.pdf)

Original File Name: PGE Comment Letter 29 AUG 2019.pdf

Date and Time Comment Was Submitted: 2019-08-30 10:25:52

No Duplicates.

**Comment 18 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Michael-Allen

Last Name: Lane

Email Address: michael-allen.lane@us.abb.com

Affiliation: ABB

Subject: Comments to Discussion Draft Reviewed 15 August, 2019

Comment:

See attached.

Attachment: [www.arb.ca.gov/lists/com-attach/19-sf6regamendws3-ws-VGYHVMVZmWDIAKwQ0.pdf](http://www.arb.ca.gov/lists/com-attach/19-sf6regamendws3-ws-VGYHVMVZmWDIAKwQ0.pdf)

Original File Name: 2019-08-29 CARB - ABB Draft Regulation 2019-08-15 Response.pdf

Date and Time Comment Was Submitted: 2019-08-30 14:15:26

No Duplicates.

**Comment 19 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Todd  
Last Name: Erwin  
Email Address: todd.irwin@ge.com  
Affiliation: GE

Subject: Comments to Second Public Workshop  
Comment:

See attached.

Attachment: [www.arb.ca.gov/lists/com-attach/20-sf6regamendws3-ws-VDMHZFULBSQGZVck.pdf](http://www.arb.ca.gov/lists/com-attach/20-sf6regamendws3-ws-VDMHZFULBSQGZVck.pdf)

Original File Name: GE Response to CARB.Aug 29 2019.pdf

Date and Time Comment Was Submitted: 2019-09-04 12:01:50

No Duplicates.

**Comment 20 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Tom  
Last Name: Umenhofer  
Email Address: tom@wspa.org  
Affiliation: WSPA

Subject: WSPA Comments regarding the CARB August 15, 2019 SF6 Workshop  
Comment:

See attached.

Attachment: [www.arb.ca.gov/lists/com-attach/21-sf6regamendws3-ws-UzBdOlwvV2YAWVAj.pdf](http://www.arb.ca.gov/lists/com-attach/21-sf6regamendws3-ws-UzBdOlwvV2YAWVAj.pdf)

Original File Name: CARB SF6 August 15 Workshop\_WSPA Comment Letter\_08\_30\_2019.pdf

Date and Time Comment Was Submitted: 2019-09-04 12:04:27

No Duplicates.

**Comment 21 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Brian  
Last Name: Biering  
Email Address: bsb@eslawfirm.com  
Affiliation: Ellison Schneider Harris & Donlan, LLP

Subject: Middle River Power Comments on SF6 Discussion Draft  
Comment:

See attached.

Attachment: [www.arb.ca.gov/lists/com-attach/22-sf6regamendws3-ws-BjddYlZnB2wANAA5.pdf](http://www.arb.ca.gov/lists/com-attach/22-sf6regamendws3-ws-BjddYlZnB2wANAA5.pdf)

Original File Name: 190829\_MRP SF6 Cmts on 8.15 Draft Regs (00491856xBA8E1).pdf

Date and Time Comment Was Submitted: 2019-09-04 12:07:21

No Duplicates.

**Comment 22 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Jiaosuo

Last Name: Zhang

Email Address: zhangjiaosuo@syhuali.com

Affiliation: Huade High Techn. Co. Ltd

Subject: California Regulation on Gas-Insulated Switchgear  
Comment:

See attached.

Attachment: [www.arb.ca.gov/lists/com-attach/23-sf6regamendws3-ws-UyBU0IA0VGISLQR1.pdf](http://www.arb.ca.gov/lists/com-attach/23-sf6regamendws3-ws-UyBU0IA0VGISLQR1.pdf)

Original File Name: Shenyang Huade High Technology Co.pdf

Date and Time Comment Was Submitted: 2019-09-04 12:09:32

No Duplicates.

**Comment 23 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Christopher  
Last Name: Gabelich  
Email Address: cgabelich@mwdh2o.com  
Affiliation:

Subject: Comments on the August 15, 2019, Discussion of Potential Changes to the Regulation  
Comment:

See attached.

Attachment: [www.arb.ca.gov/lists/com-attach/24-sf6regamendws3-ws-VTZTOIE9BzkAY1I8.pdf](http://www.arb.ca.gov/lists/com-attach/24-sf6regamendws3-ws-VTZTOIE9BzkAY1I8.pdf)

Original File Name: Comments on the August 15 2019 Discussion Draft of Potential Changes to the Regulation.pdf

Date and Time Comment Was Submitted: 2019-09-04 12:14:55

No Duplicates.

**Comment 24 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Paul

Last Name: Roskilly

Email Address: paul.roskilly@siemens.com

Affiliation: Siemens

Subject: Siemens update on Clean Air switchgear

Comment:

See attached.

Attachment: [www.arb.ca.gov/lists/com-attach/25-sf6regamendws3-ws-UDxQMwF0VnFWNVig.pdf](http://www.arb.ca.gov/lists/com-attach/25-sf6regamendws3-ws-UDxQMwF0VnFWNVig.pdf)

Original File Name: Letter to CARB #2.pdf

Date and Time Comment Was Submitted: 2019-09-11 12:00:43

No Duplicates.

**Comment 25 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Tomas

Last Name: Garza

Email Address: Tomas\_Garza@gualcogroup.com

Affiliation: The Gualco Group, Inc.

Subject: CCEEB Comments on August 15, 2019, SF6 Discussion Draft  
Comment:

See attached.

Attachment: [www.arb.ca.gov/lists/com-attach/26-sf6regamendws3-ws-VDcCZ1czAzVWMgBf.pdf](http://www.arb.ca.gov/lists/com-attach/26-sf6regamendws3-ws-VDcCZ1czAzVWMgBf.pdf)

Original File Name: CCEEB Comments on SF6 Discussion\_9-18.pdf

Date and Time Comment Was Submitted: 2019-09-23 10:24:26

No Duplicates.

**Comment 26 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Murtaza

Last Name: Khan

Email Address: hussain.murtaza@siemens.com

Affiliation: Siemens Industry, Inc.

Subject: Medium-Voltage Gas-Insulated Switchgear (MV GIS) using Alternative Gases

Comment:

See attached.

Attachment: [www.arb.ca.gov/lists/com-attach/27-sf6regamendws3-ws-BWIXNAB1UnUFZgl7.pdf](http://www.arb.ca.gov/lists/com-attach/27-sf6regamendws3-ws-BWIXNAB1UnUFZgl7.pdf)

Original File Name: Letter to Carb Dec 5 2019.pdf

Date and Time Comment Was Submitted: 2019-12-12 14:08:17

No Duplicates.

**Comment 27 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Brian

Last Name: Yim

Email Address: BYim@sdge.com

Affiliation: SDG&E

Subject: Additional comments regarding emissions tracking and reporting of any GIE using any  
Comment:

See attached.

Attachment: [www.arb.ca.gov/lists/com-attach/28-sf6regamendws3-ws-BXZWNFcxUWcCW1ck.docx](http://www.arb.ca.gov/lists/com-attach/28-sf6regamendws3-ws-BXZWNFcxUWcCW1ck.docx)

Original File Name: SDGE SF6 Letter to CARB 12.18.19.docx

Date and Time Comment Was Submitted: 2020-01-13 12:14:14

No Duplicates.

## **Comment 28 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

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

**Comment 29 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: Erinn  
Last Name: Murray  
Email Address: [erinn.murray@meidenamerica.com](mailto:erinn.murray@meidenamerica.com)  
Affiliation: Meiden America, Inc.

Subject: MEIDEN Green Switchgear Timeline  
Comment:

See attached.

Attachment: [www.arb.ca.gov/lists/com-attach/30-sf6regamendws3-ws-AWxUN1E5BzAHZAVr.docx](http://www.arb.ca.gov/lists/com-attach/30-sf6regamendws3-ws-AWxUN1E5BzAHZAVr.docx)

Original File Name: MEIDEN Green Switchgear Timeline.docx

Date and Time Comment Was Submitted: 2020-01-15 07:35:01

No Duplicates.

**Comment 30 for Comments for Second Public Workshop (sf6regamendws3-ws) - 1st Workshop.**

First Name: John  
Last Name: Paserba  
Email Address: John.Paserba@meppi.com  
Affiliation: MEPPI

Subject: Mitsubishi Electric Power Products, Inc. non&#8208;SF6 power circuit breaker roadmap  
Comment:

See attached.

Attachment: [www.arb.ca.gov/lists/com-attach/31-sf6regamendws3-ws-V2UANgEyBGcDWgIy.pdf](http://www.arb.ca.gov/lists/com-attach/31-sf6regamendws3-ws-V2UANgEyBGcDWgIy.pdf)

Original File Name: 2020\_01\_Jan\_15th\_MEPPI\_CARB.pdf

Date and Time Comment Was Submitted: 2020-01-21 08:05:32

No Duplicates.

**There are no comments posted to Comments for Second Public Workshop (sf6regamendws3-ws) that were presented during the Workshop at this time.**