

SF₆ EMISSION REDUCTION MEASURE

Gas Insulated Switchgear

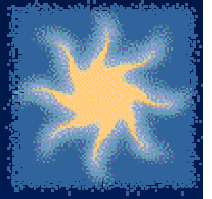
Public Workshop

California Air Resources Board

September 2, 2009

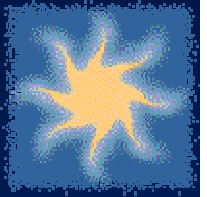


DISCUSSION OVERVIEW



- **Draft Proposal**
- **Reporting and Recordkeeping**
- **Cost Assumptions**
- **Public Comment Opportunities**
- **Next Steps**





DRAFT PROPOSAL

- Proposed effective date 1/1/2011
- Steadily declining emission rate from 2011 to 2020.
- Reporting begins in 2012
- 2011 permissible emission rate: 10%
- 2020 permissible emission rate: 1%



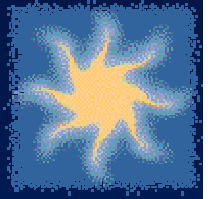


SF₆ ANNUAL REPORTS AND RECORDKEEPING

- **Reports will include:**
 - Annual emissions
 - Annual emission rate
 - Detailed inventory of all GIS and SF₆ containers
- **Reports can be submitted through mandatory reporting on-line tools**
- **Records must be retained for at least 5 years**

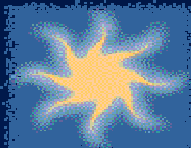


COST EFFECTIVENESS



- **Low cost alternatives – LDAR; recycling; inventory management—**
 - **Staff analysis indicates measure creates cost savings**
- **Recordkeeping/reporting costs**
 - **Project minimal cost increase**
- **Request comments on projected costs**





Public Comment Opportunities

- **Informal Comments on Today's Proposal**
 - Requested by September 10th
- **45 Day Comment Period**
 - Formal, written comments received from publication through Board hearing date
 - Written/oral comments welcome at the hearing
- **15-Day Comment**
 - If 45-day language is changed, comments are invited on those changes



NEXT STEPS

EVENT	DATE
Review/analyze the post-workshop comments	September 3rd-10th
Release staff report and begin 45-day public comment period	October 23rd
Present proposed regulation to the Board	December 9 th and 10th
Regulations become effective	January 1, 2011



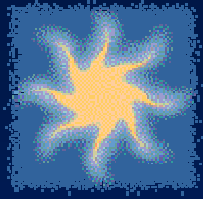
WEBPAGE LINKS

- Following are ARB webpage links related to this measure :
 - SF₆ for GIS homepage:
<http://www.arb.ca.gov/cc/sf6elec/sf6elec.htm>
 - The mandatory reporting online greenhouse gas reporting tool:
<http://www.arb.ca.gov/cc/reporting/ghg-rep/ghg-tool.htm>
 - The non-electric sector SF₆ regulations (for SF6 distributor information)
<http://www.arb.ca.gov/lispub/comm/bclist.php>
 - ARB's webpage for the Board's docket items
<http://www.arb.ca.gov/lispub/comm/bclist.php>

CONTACT INFORMATION

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