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AZ CORP COMMISSION  
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Attached are approved minutes of the DGI Workgroup Siting, Certification and Permitting Committee for special open meetings occurring August 30, September 16. These minutes will be filed in ACC Docket Control for:

Docket No. E-00000A-99-0431  
General investigation of Distributed Generation and Interconnections for potential retail electric competition rules consideration.

CC: smo

Arizona Corporation Commission  
DOCKETED

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# NOTICE

## SPECIAL

### OPEN MEETING OF THE ARIZONA CORPORATION COMMISSION

**DATE:** Monday, August 30, 1999

**TIME:** 10:00 a.m.

Hearing Rooms 1 & 2  
Arizona Corporation Commission  
1200 West Washington Street  
Phoenix, Arizona 85007

This shall serve as notice of a special open meeting of the Arizona Corporation Commission at the above location for consideration, discussion, and possible vote of the items on the following agenda and other matters related thereto. Please be advised that the Commissioners may use this open meeting to ask questions about the matters on the agenda; therefore, the parties to the matters to be discussed or their legal representatives are requested, though not required, to attend. The Commissioners may move to executive session for the purpose of legal advice pursuant to A.R.S. §§ 38-431.03.A.3. and/or 4. on the matters noticed herein.

The Arizona Corporation Commission does not discriminate on the basis of disability in admission to its public meetings. Persons with a disability may request a reasonable accommodation, such as a sign language interpreter, as well as request this document in an alternative format, by contacting Cynthia Mercurio-Sandoval, ADA Coordinator, voice phone number (602) 542-0838, E-mail [csandoval@cc.state.az.us](mailto:csandoval@cc.state.az.us). Requests should be made as early as possible to allow time to arrange the accommodations.

**BRIAN C. McNEIL**  
Executive Secretary

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### AGENDA

1. Formation of Distributed Generation & Interconnections Workgroup and associated committees.
2. Formulation of scope of work assigned to committees.
3. Commencement of committee work plans.

Distributed Generation & Interconnections Workgroup  
Siting, Certification and Permitting Committee  
August 30, 1999 Meeting Minutes

Attendees: Art Fregoso - TEP, Bryan Sievers - Empire Power Systems, Sharon Madden - APS, Doug Nelson - DEAA, Matt Puffer - Engine World, James Barry - TEP, Patti Morris - TEP, Larry Holly - Southwest Gas, Randy Despain - City of Phoenix, Warren Louis - Allied Signal Power System, Anne Cobb - Trico Electric Coop., and Barbara Keene - ACC.

Doug C. Nelson facilitated the meeting. Barbara Keene took the minutes.

The committee decided to table the selection of a chairperson until the next meeting.

The most convenient time for committee meetings was determined to be Thursdays at 10:00 a.m. The next meeting would be September 16, at 10:00 a.m. in the 2nd Floor Conference Room.

The group decided to divide the scope of the committee's work into three parts: siting, certification, and permitting.

The committee discussed the need to deal with overlaps of issues involving the other committees and with jurisdictional issues.

Draft definitions:

- siting = address physical location and public issues.
- certification = standardization of equipment and people.
- permitting = government regulation.

The group decided that the committee's objectives are:

- 1) to produce a whitepaper that defines the current situation.
- 2) to produce a series of recommendations.

For each of the strawman issues, individuals are to:

- 1) determine whether the issue falls under siting, certification, or permitting.
- 2) list any objection to inclusion of the issue.
- 3) circulate a paragraph on the issue.

Approved 9/29

**NOTICE**

**THE ARIZONA CORPORATION COMMISSION  
DISTRIBUTED GENERATION & INTERCONNECTIONS WORKGROUP  
SITING, CERTIFICATION AND PERMITTING COMMITTEE**

**DATE: Thursday, September 16, 1999**

**TIME: 10:00 a.m. - 12:00 p.m.**

**2<sup>nd</sup> Floor Conference Room  
Arizona Corporation Commission  
1200 West Washington Street  
Phoenix, Arizona 85007**

This shall serve as notice of a special open meeting of the Arizona Corporation Commission at the above location for consideration, discussion, and possible vote of the items on the following agenda and other matters related thereto. Please be advised that the Commissioners may use this open meeting to ask questions about the matters on the agenda; therefore, the parties to the matters to be discussed or their legal representatives are requested, though not required, to attend. The Commissioners may move to executive session for the purpose of legal advice pursuant to A.R.S. §§ 38-431.03.A.3. and/or 4. on the matters noticed herein.

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**BRIAN C. McNEIL  
Executive Secretary**

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Special Open Meeting  
September 16, 1999  
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**Purpose:** Continue investigation for siting, certification and permitting of distributed generation.

**AGENDA**

1. Selection of committee chair.
2. Discussion of Strawman Issues
  - a. Denote inclusion or exclusion of issues in 8/26 Organizational Proposal.
  - b. Review concise position statements by participants regarding committee strawman issues.
3. Assign committee tasks.
4. Future meeting dates, agendas and presentations.

**Distributed Generation & Interconnection Workgroup  
Siting, Certification, and Permitting Committee  
Meeting Minutes - September 16, 1999**

Brian O'Donnell was elected Chairman  
Chris Weathers took the minutes

The following individuals were present

<u>Name</u>	<u>Representing</u>	<u>Phone</u>	<u>Email</u>
Art Fregoso	TEP	520-884-3624	afregoso@TusconElectric.com
Barbara Keene	ACC Staff	602-542-0853	bkeene@cc.state.az.us
Brian O'Donnell	DEAA	602-395-4405	brian.odonnell@swgas.com
Bryan Gernet	APS	602-371-6959	H37614@apsc.com
Chris Weathers	APS	602-371-6563	cweather@apsc.com
Chuck Skidmore	City of Scottsdale	480-312-7606	cskidmore@ci.scottsdale.az.us
Doug Nelson	DEAA	602-395-1612	dcn@netwrx.net
George Rash	New Energy Southwest	602-265-8558	grash@newenergy.com
Greg Czaplewski	Cummins Southwest	602-257-5981	gczaplew@notesbridge.cummins.com
James Barry	TEP	520-745-3490	Jbarry@tusconelectric.com
Larry Holly	Southwest Gas Corp	602-395-4082	larry.holly@swgas.com
Randy Despain	City of Phoenix	602-261-8504	Rdespain@ci.phoenix.az.us
Sharon Madden	APS	602-250-2027	smadden@apsc.com
Tom Friddle	APS	602-371-7176	h36143@apsc.com
Tony Turturro	ICG	602-532-9606	icg.inc@ix.netcom.com

The group discussed training and certification of individuals installing the equipment. Jim Barry, representing IBEW Local 1116, presented a white paper discussing the need for certified and licensed contractors and the need for minimum hours of training. The group had several questions. In particular, the question of why additional certification would be required for users was asked since several cogeneration plants already exist, apparently without any special certification. Jim indicated that he was not referring to new certification requirements rather, only those requirements specified by existing federal or state laws. Jim agreed to try & bring an OSHA representative to the next meeting for a 15 minute overview of OSHA regulations and their potential impact on workers.

The group spent time discussing what entities were responsible for regulations. At the next meeting Brian O'Donnell volunteered to develop a list of entities who would be responsible for various certification and permitting functions. Brian will look at air quality, fuel supply, noise and safety so that the group can determine if any additional ACC involvement is required.

The question came up as to whether a small generator, for example less than 10 kW, could be exempt from certification and permitting. The group, in general, felt that residential units, 10 kW or smaller would not require certification and permitting, other than a normal building permit required by the applicable city or jurisdiction.

At the next meeting, Bryan Gernet offered to bring in the classification of generator sizes that APS, SRP, and TEP agreed to use for the purpose of describing levels of protection. The group will also review the State of Texas recommendations on sizing.

The question of pre-certification of distributed generation system packages was discussed. All representatives believe that an optional pre-certification program will benefit everyone. Manufacturers of larger generation equipment felt that pre-certification should not be mandatory since many larger components are not always certified by testing agencies. For example, only smaller generators are certified by UL.

APS indicated that their position is that Public and Worker safety concerns required each generator project be reviewed by the local distribution company on a site specific basis.

The issue of "sale for resale" of electricity was discussed. APS felt that generally, one customer at his home site who sold to another user, would be covered by utility "sale for resale" regulations. However, it appears a company such as a grocery chain could produce electricity at on site and sell it to its other sites state wide.

There was then some discussion of what we were trying to accomplish in the workshop. There seemed to be concensus that the purpose of the workshop was to determine what functions, if any, the ACC should regulate in the siting process. For example the ACC does not regulate fuel. There was concensus that the fuel regulation topic belonged in the Siting, Certification, and Permitting workshop, but that our recommendation would be that this was not an area the ACC should regulate.

At the next meeting, Bryan Gernet indicated he would bring in an example of an application form for use with distributed systems.

The group then went through the straw organization proposal and agreed with it, with the exception that we added, under the Safety heading, Standardized Safety Requirement Conforming to NEC/OSHA, etc.

The group agreed to meet again on Sept 29, at 10:00am, at 1101 W Washington. This is the large red building on the South side of the street, across from the ACC.

Approved as amended 9/29.