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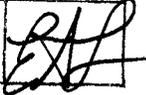
AZ CORP COMMISSION  
DOCKET CONTROL

# Solana Generating Station

Arizona Corporation Commission

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2013

Self Certification Letter

Docket No.

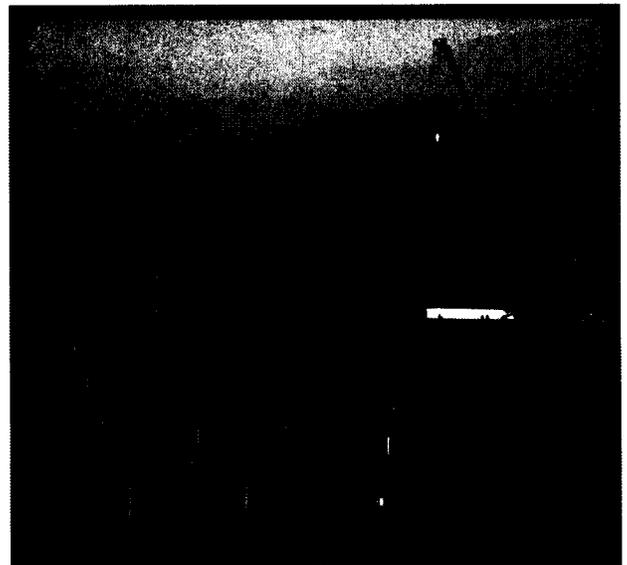
L-00000GG-08-0407-00139

L-00000GG-08-0408-00140

Submitted By:

**ARIZONA SOLAR  
ONE LLC**

Submitted November 25, 2013



By: Enrique Guillen  
Solana – Compliance Manager

# ABENGOA SOLAR

## Arizona Solar One LLC

1250 Simms Street, Suite 100 Phone: 303-928-8500  
Lakewood, CO. 80401 Fax: 303-233-2738



### Solana Generating Facility

November 25, 2013

Docket Control  
Arizona Corporation Commission  
1200 West Washington  
Phoenix, Arizona 85007

Compliance Section  
Arizona Corporation Commission  
1200 West Washington  
Phoenix, Arizona 85007

Re: **2013 Self Certification Letter**

Docket No. L-00000GG-08-0407-00139, Decision No. 70638

Docket No. L-00000GG-08-0408-00140, Decision No. 70639

This letter is to inform you of the compliance actions taken for the Solana Generating Station Facility CEC Condition No. 20 (Decision No. 70638), which state:

"The Applicant, or its assignee(s), shall submit a self-certification letter annually, identifying progress made with respect to each condition contained in the Certificate, including which conditions have been met. Copies of each letter along with the corresponding documentation shall be submitted to the Arizona Attorney General and Department of Commerce Energy Office. The requirement for the self-certification shall expire on the date the Project is placed into operation."

Arizona Solar One LLC has completed the compliance activities, evidence of which may be found in the attached documentation.

In addition, Arizona Solar One LLC hereby certifies that on October 08, 2013 the Solana Project finalized the construction period, and reached Commercial Operation as it is evidenced of this is included in the foregoing self – certification letter.

Sincerely,

A handwritten signature in black ink, appearing to read "E. Garcia Sanz".

Emiliano Garcia Sanz  
Solana – General Director  
Arizona Solar One LLC - Treasurer

# ABENGOA SOLAR

## Arizona Solar One LLC

1250 Simms Street, Suite 100 Phone: 303-928-8500  
Lakewood, CO. 80401 Fax: 303-233-2738



### Solana Generating Facility

November 25, 2013

Leisa Brug  
Governor's Office of Energy Policy  
1700 West Washington, Suite 220  
Phoenix, Arizona 85007

Tom Horne  
Arizona Attorney General  
1275 West Washington  
Phoenix, Arizona 85007

Re: Solana Generating Station Project Certificate of Compatibility, 2013 Self Certification Letter

Dear Ms. Brug and Mr. Horne,

On December 11, 2008, the Arizona Corporation Commission (ACC) granted a Certificate of Environmental Compatibility (CEC) for the Solana Generating Station. The Solana Generating Station as approved is a 280 megawatt (MW) gross output (250 MW nominal output) concentrating solar power (CSP) electric generating plant located on an approximately 3,100 acre site situated at Gila Bend, Arizona, at the northwest corner of Interstate 8 and Painted Rock Dam Road.

As a provision of the CEC we would like to provide you with the following:

- A copy of Arizona Solar One LLC's Self-Certification Letter in regards of the status of the Solana Generating Station Project, to be docketed to the Arizona Corporation Commission on December 1, 2013.

In addition, Arizona Solar One LLC hereby certifies that on October 08, 2013 the Solana Project finalized the construction period, and reached Commercial Operation as it is evidenced of this is included in the foregoing self - certification letter.

Sincerely,

A handwritten signature in black ink, appearing to read "Emiliano Garcia Sanz".

Emiliano Garcia Sanz  
Solana - General Director  
Arizona Solar One LLC - Treasurer

**ABENGOA SOLAR**  
Arizona Solar One LLC



Docket No. L-00000GG-08-0407-00139

**Self-Certification**  
**Docket No. L-00000GG-08-0407-00139,**  
**Decision No. 70638**

**BEFORE THE ARIZONA POWER PLANT AND  
TRANSMISSION LINE SITING COMMITTEE**

1		
2		
3	IN THE MATTER OF THE APPLICATION	)
4	OF ARIZONA SOLAR ONE, LLC., IN	) Docket No. L-00000GG-08-0407-00139
5	CONFORMANCE WITH THE	)
6	REQUIREMENTS OF ARIZONA REVISED	)
7	STATUTES §§ 40-360, <i>et seq.</i> , FOR A	) Case No. 139
8	CERTIFICATE OF ENVIRONMENTAL	)
9	COMPATIBILITY AUTHORIZING THE	)
10	CONSTRUCTION OF THE SOLANA	)
11	GENERATING STATION, LOCATED IN	)
12	SECTION 9, TOWNSHIP 6 SOUTH, RANGE	)
13	7 WEST, MARICOPA COUNTY, ARIZONA.	)
14	_____	)

**CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY**

Pursuant to notice given as provided by law, the Arizona Power Plant and Transmission Line Siting Committee (the "Committee") held public hearings on September 22 and 23, 2008 and October 14, 2008, in conformance with the requirements of Arizona Revised Statutes ("A.R.S.") §§ 40-360, *et seq.*, for the purpose of receiving evidence and deliberating on the Application of Arizona Solar One, LLC. ("Applicant") for a Certificate of Environmental Compatibility ("Certificate") in the above-captioned case (the "Project").

The following members and designees of members of the Committee were present at one or more of the hearings for the evidentiary presentations and/or for the deliberations:

- |    |                |  |
|----|----------------|--|
| 21 | John Foreman   | Chairman, Designee for Arizona Attorney General    |
| 22 |                | Terry Goddard                                      |
| 23 | Paul Rasmussen | Designee for Director, Arizona Department of       |
| 24 |                | Environmental Quality                              |
| 25 | Gregg Houtz    | Designee for Director, Arizona Department of Water |
| 26 |                | Resources  |

1	Jack Haenichen	Designee for Director, Energy Office, Arizona Department of Commerce, attended September 22 and 23, 2008
2		
3	Jim Arwood	Director, Energy Office, Arizona Department of Commerce, attended October 14, 2008
4		
5	David Eberhart	Designee for Chairman, Arizona Corporation Commission
6		
7	Michael Biesemeyer	Appointed Member, attended September 22 and 23, 2008
8		
9	Jeff McGuire	Appointed Member
10		
11	Patricia Noland	Appointed Member
12		
13	Michael Palmer	Appointed Member
14		
15	Michael Whalen	Appointed Member
16		
17	Barry Wong	Appointed Member
18		

14 Applicant was represented by Thomas H. Campbell and Albert H. Acken of Lewis and  
15 Roca LLP. Arizona Corporation Commission ("ACC" or "Commission") Staff, represented  
16 by Charles H. Hains and Robin R. Mitchell, the Sierra Club-Grand Canyon Chapter,  
17 represented by Timothy M. Hogan, and the Paloma Irrigation and Drainage District ("PIDD"),  
18 represented by Jay Moyes and Jeffrey Zimmerman, were granted intervention pursuant to  
19 A.R.S. § 40-360.05.

20 At the conclusion of the hearings, the Committee, having received the Application,  
21 the appearances of the parties, the evidence, testimony, and exhibits presented at the  
22 hearings, and being advised of the legal requirements of A.R.S. §§ 40-360 to 40-360.13,  
23 upon motion duly made and seconded, voted 10 to 0 to grant Applicant this Certificate of  
24 Environmental Compatibility (Line Siting Case No. 139) for the Project.

25 The Project as approved consists of a 280 Megawatt ("MW") gross output (250 MW  
26 nominal output) concentrating solar power ("CSP") electric generating plant located on an

1 approximately 3000-acre site west of the Town of Gila Bend, in Maricopa County, Arizona.

2 A general location map of the Project is set forth in **Exhibit A**.

3  
4 **CONDITIONS**

5 This Certificate is granted upon the following conditions:

- 6 1. The Applicant, or its assignee(s), shall obtain all required approvals and permits  
7 necessary to construct the Project.

8 **Status-** All County and State authorizations and permits necessary to construct  
9 and operate the Project have been obtained.

- 10  
11 2. The Applicant, or its assignee(s), shall comply with all existing applicable  
12 ordinances, master plans and regulations of the State of Arizona, the County of  
13 Maricopa, the United States, and any other governmental entities having  
14 jurisdiction, including but not limited to the following:

- 15 (a) all applicable land use regulations;

16 **Status-** On December 17, 2008, Arizona Solar One, LLC received approval  
17 by the County of Maricopa to allow for the Industrial Use with a  
18 Comprehensive Plan Amendment for the proposed Project.

19 On July 7, 2010, Arizona Solar One, LLC received a Special Use Permit  
20 (SUP) approved by the Maricopa County Board of Supervisors.

- 21  
22 (b) all applicable zoning stipulations and conditions, including but not limited  
23 to landscaping and dust control requirements;

24 **Status-** These requirements have been articulated within the SUP and  
25 subsequent minor amendments, such as:

26 Case Z2011008 – Approved on March 10, 2011,

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Case Z2011044 – Approved on September 10, 2012,  
Case Z2012032 – Approved on July 18, 2012,  
Case Z2011016 (stipulation modification) – Approved on June 8, 2011.

The Applicant has complied with all such stipulations during the construction stage of the Project. Likewise, the Applicant will continue complying with all such stipulations for the term of the SUP (40 years). It is important to mention that Commercial Operation has been reached on October 08, 2013, and the Dust Control Permit has been substituted for a Dust Control Plan that is part of the Non Title V Air Permit, and a landscaping plan has been duly approved by the Maricopa County Planning and Zoning.

(c) all applicable water use, discharge and/or disposal requirements of the Arizona Department of Water Resources and the Arizona Department of Environmental Quality;

Status- These requirements have been addressed in the Aquifer Protection Permit for Arizona Solar One Solar LLC, which has been approved on July 27, 2012.

(d) all applicable noise control standards;

Status- Applicant shall comply with all Maricopa County ordinances applicable to this condition during the operatio stage.

(e) all applicable regulations and permits governing storage and handling of chemicals and petroleum products;

1            Status- Applicant shall comply during the operation period with all Arizona  
2 Department of Environmental Quality and EPA requirements for hazardous  
3 material handling. Recently, the Applicant submitted to the AZ Emergency  
4 Response Commission, AZ State Fire Marshal, and Maricopa County LEPC  
5 the Emergency Response and Preparedness Plan. Currently Applicant's  
6 operator, ASI Operations, is updating such plan. As soon as available it will  
7 be submitted to the same Government Emergency Officials. Acknowledge  
8 of receipt from State emergency authorities are set forth in **Exhibit B**.

9  
10            (f) all other applicable federal and state regulations and standards.

11            Status- The U.S. Department of Energy (DOE) conducted an Environmental  
12 Assessment (EA) that analyzed the potential environmental impacts  
13 associated with the Solana Generating Plant. The DOE issued a Finding of  
14 No Significant Impact on May 6, 2010.

15  
16            3. This authorization to construct the Project will expire ten (10) years from the date  
17 the Certificate is approved by the Commission unless the Project is completed and  
18 capable of operation within the ten-year time frame. If the Project is not complete  
19 and capable of operation within the ten-year time frame, the Applicant or its  
20 assignee(s) may request that the Commission extend this time limitation.

21            Status- Complied

22  
23            4. In the event that the Project requires an extension of the term of this Certificate  
24 prior to completion of construction, Applicant, or its assignee(s), shall use  
25 commercially reasonable means to directly notify all landowners and residents  
26 within one mile of the Project site for which the extension is sought. Such

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landowners and residents shall be notified of the time and place of the proceeding in which the Commission shall consider such request for extension.

**Status**-The Applicant shall comply with the above notification requirements.

5. Applicant, or its assignee(s) and/or its customer, will work in good faith to develop and implement an educational program to teach students about the science of solar electric technology.

**Status**- Applicant and / or its assignee will collaborate with appropriate educational institutions to develop and implement an effective educational outreach program.

6. The Applicant, or its assignee(s), will provide to the Commission Staff copies of the Project's executed interconnection agreement with APS, and the technical operating studies that will be performed prior to actual physical interconnection of the Project to the APS transmission system.

**Status**- Applicant finalized the interconnection agreement with APS, and provided copies of the agreement to Staff on November 23, 2010.

7. Applicant, or its assignee(s), or its affiliate company, or its customer will become a member of the Western Electricity Coordinating Council ("WECC") (or its successor), and will file with the Commission Docket Control a copy of its executed WECC Membership Agreement.

**Status**- According to WECC and NERC regulations and standards the Applicant submitted to NERC / WECC on August 03, 2012 the application to register "ASI Operations" as a Transmission Owner. The application is still under review. In addition, prior Commercial Operation (October 08, 2013), the Applicant

1 submitted to NERC / WECC the application to register as Generator Owner /  
2 Generator Operator. Copy of the acknowledgement of receipt of these  
3 applications is set forth in **Exhibit C**.

- 4
- 5 8. Applicant, or its assignee(s) and/or its affiliate company and/or its customer, will  
6 participate in good faith in Commission-sponsored workshops and assessments of  
7 the solar renewable infrastructure and market.

8 **Status-** Applicant shall comply.

9

- 10 9. Applicant, or its assignee(s), may utilize groundwater for electrical generation and  
11 related uses associated with construction and commercial operation of the  
12 Project. Prior to the commencement of commercial operation, Applicant, or its  
13 assignee(s) will file with Commission Docket Control a letter confirming that  
14 Applicant, or its assignee(s) has secured both an adequate supply of water to  
15 produce 280 MW using CSP parabolic trough technology with thermal storage,  
16 and a legal right to use the water needed for the purpose of construction and  
17 commercial operation of the Project.

18 **Status-** Applicant has signed an agreement with Paloma Irrigation and Drainage  
19 District as evidenced by the "Memorandum of Industrial Development Facilitation  
20 Agreement", recorded with ACC Docket control on November 23, 2010. The  
21 agreement allows the project a legal right to use the water needed during the  
22 construction and operation stages.

23

- 24 10. To the extent applicable, Applicant or its assignee(s), will comply with the notice  
25 and salvage requirements of the Arizona Native Plant Law (A.R.S. §§ 3-901, *et*  
26

1           *seq.*) and will, to the extent feasible, minimize the destruction of native plants  
2 during Project construction.

3           Status- On August 9, 2010 the Applicant filed a "Notice of Intent to Clear Land"  
4 with the Arizona Department of Agriculture (ADA). This notice was approved by  
5 the ADA on August 18, 2010. In addition, in order to be in compliance with  
6 NERC and WECC regulations regarding control of vegetation under or close to  
7 transmission lines, Applicant's operator, ASI Operations, has documented and  
8 implemented a Vegetation Management Plan that ensures minimal or none  
9 hazardous or destructive activity to local or endangered vegetation close to the  
10 transmission line.

11  
12           11. During the construction and maintenance of the Project, to the extent applicable,  
13 the Applicant, or its assignee(s), will use existing roads for access, and to the  
14 extent applicable, taking into the account that the Project Site lies within a  
15 cultivated agricultural area, minimize impacts to wildlife and vegetation on the  
16 Project Site.

17           Status- Applicant shall comply.

18  
19           12. Pursuant to A.R.S. § 41-844, if any archaeological, paleontological or historical  
20 site or object that is at least fifty years old is discovered on state, county or  
21 municipal land during Project-related activities, the person in charge shall  
22 promptly report the discovery to the Director of the Arizona State Museum, and  
23 in consultation with the Director, shall immediately take all reasonable steps to  
24 secure and maintain the preservation of the discovery. If human remains and/or  
25 funerary objects are encountered on private land during the course of any  
26 ground-disturbing activities relating to the development of the subject property,

1 Applicant shall cease work on the affected area of the Project and notify the  
2 Director of the Arizona State Museum pursuant to A.R.S. § 41-865.

3 **Status-** Applicant shall comply.  
4

5 13. Within 120 days of the Commission decision granting this Certificate, Applicant,  
6 or its assignee(s), will erect and maintain at the site a sign of not less than 4 feet  
7 by 8 feet dimensions, advising:

- 8 (a) That the site has been approved for the construction of a 280 MW  
9 generating facility;
- 10 (b) The expected date of completion of the Project;
- 11 (c) A phone number for public information regarding the Project;
- 12 (d) The name of the Project;
- 13 (e) The name of the Applicant, or its assignee(s); and
- 14 (f) The website of the Applicant, or its assignee(s).

15 **Status-** On April 6, 2009 Arizona Solar One LLC completed this action. The action  
16 was then filed with the offices of Compliance Control and Docket Control on  
17 April 10, 2009.  
18

19 14. In connection with the construction of the Project, Applicant, or its assignee(s),  
20 shall use commercially reasonable efforts, where feasible, to give due  
21 consideration to use of qualified Arizona contractors.

22 **Status-** Applicant during the construction period gave such consideration to  
23 Arizona contractors. Same it is followed in the operation period, in which  
24 Applicant mandate its operator, ASI Operations, to continue to give such  
25 consideration to Arizona contractors in its ongoing vendor selection process for  
26 maintenance of the Project.

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15. The Applicant, or its assignee(s), shall provide copies of this Certificate to the Maricopa County Planning and Development Department, the Arizona State Land Department, the State Historic Preservation Office, and the Arizona Game and Fish Department.

**Status-** Applicant completed this action on November 13, 2009. This action was then filed with the offices of Compliance Control and Docket Control on November 19, 2009.

16. Within 120 days after the approval of this Certificate by the Commission, Applicant, or its assignee(s), will provide known homebuilders and developers within one mile of the Project (i) a copy of this Certificate, (ii) a map showing the location of the Project, (iii) a pictorial depiction of the type of power plant being constructed, and (iv) a written request that the developers and homebuilders include this information in the developers' and homebuilders' homeowners' disclosure statements.

**Status-** Applicant completed this action in conjunction with item thirteen (13), on April 6, 2009, providing the two know homebuilders and developers in the area with the required attachments. This action was then filed with the Office of Compliance Control and Docket Control on April 10, 2009.

17. The Applicant, or its assignee(s), shall file with Commission Docket Control, confirmation of the completion of system upgrades required under the interconnection agreement at least thirty days before commercial operation of the plant and associated transmission lines.

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**Status-** This action was filed with the Office of Compliance Control and Docket Control on July 03, 2013.

18. The Applicant will comply with all applicable Western Electricity Coordinating Council/North American Electric Reliability Corporation standards, without the implementation of an automated Remedial Action Scheme to mitigate N-1 contingencies other than the loss of the Gen-Tie line.

**Status-** Applicant has complied with the Western Electricity Coordinating Council/North American Electric Reliability Corporation standards by designing and constructing the Project to ensure the reliability of the power production.

19. The Applicant, or its assignee(s), shall file with Commission Docket Control the final APS System Impact Study, to include the Short Circuit Study, within 10 days of receipt by the Applicant or its assignee(s).

**Status-** This Action was completed by Arizona Solar One on July 2, 2009 and docket with the offices of Compliance Control and Docket Control on July 2, 2009.

20. The Applicant, or its assignee(s), shall submit a self-certification letter annually, identifying progress made with respect to each condition contained in the Certificate, including which conditions have been met. Each letter shall be submitted to the Commission Docket Control on December 1, beginning in 2009. Attached to each certification letter shall be documentation explaining how compliance with each condition was achieved. Copies of each letter along with the corresponding documentation shall be submitted to the Arizona Attorney

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General and Department of Commerce Energy Office. The requirement for the self-certification shall expire on the date the Project is placed into operation.

**Status-** Applicant has been continuously complying with this Action by filing to Docket Control, the Arizona Attorney General, and Department of Commerce Energy Office, in an annual basis and during the construction period, the correspondent self-certification letter. Due to the fact that on October 08, 2013 the Porject reached Commercial Operation Date according to the terms of the Second Restated and Amended Power Purchase and Sell Agreement (PPA), this filing complete the series of submittals of this letter. (**Exhibit D**)

21. The Applicant or its assignees shall submit by March 31, on an annual basis, a report to the Commission Docket Control and the Arizona Department of Water Resources that identifies the amount of water used for this Project in the previous calendar year.

**Status-** This action was completed by Arizona Solar One by filing such records with the offices of Compliance Control and Docket Control and ADWR on March 18, 2012, and finalized with certain clarifications to ADWR on April 22, 2013.

**FINDINGS OF FACT AND CONCLUSIONS OF LAW**

This Certificate incorporates the following findings of fact and conclusions of law:

1. The Solana generating facility will use CSP technology.
2. CSP technology uses solar thermal energy as a fuel source to produce power with a conventional steam power plant.

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3. The major components of the Solana project will be a solar field, a power block, a thermal energy storage system and a heat transfer fluid system.
4. The solar field will consist of approximately 2,700 to 3,000 parabolic trough collectors containing approximately 900,000 mirrors.
5. The power block will contain two 140 MW steam turbines.
6. The thermal energy storage system will use molten salt storage that will allow solar power to be dispatched in accordance with peak electricity demand profiles, and during cloudy or post-sunset periods.
7. The heat transfer fluid system moves the thermal energy collected in the solar field to the power block and the thermal energy storage system.
8. Solana will be a water cooled plant that will use approximately 3,000 acre feet per year within PIDD, which is substantially less than the approximately 27,500 acre feet per year that has been historically delivered by PIDD and used on this site for agriculture.
9. Utility-scale parabolic trough technology has successfully performed since 1984 when the first of nine trough plants were built in California's Mohave Desert.
10. The addition of Solana's clean energy production will offset the need for fossil-fueled generation that would otherwise produce approximately 475,000 tons per year of greenhouse gas emissions.
11. The Project is in the public interest because it aids the state in meeting the need for an adequate, economical and reliable supply of electric power.

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- 12. In balancing the need for the Project with its effect on the environment and ecology of the state, the conditions placed on the Certificate by the Committee effectively minimize its impact on the environment and ecology of the state.
- 13. The conditions placed on the Certificate by the Committee resolve matters concerning the need for the Project and its impact on the environment and ecology of the state raised during the course of proceedings, and as such, serve as the findings on the matters raised.
- 14. In light of these conditions, the balancing in the broad public interest results in favor of granting the Certificate.

THE ARIZONA POWER PLANT AND  
TRANSMISSION LINE SITING COMMITTEE

\_\_\_\_\_  
Hon. John Foreman, Chairman

**ABENGOA SOLAR**  
Arizona Solar One LLC



Docket No. L-00000GG-08-0407-00139

**EXHIBIT "A"**

General Location Map of the Project

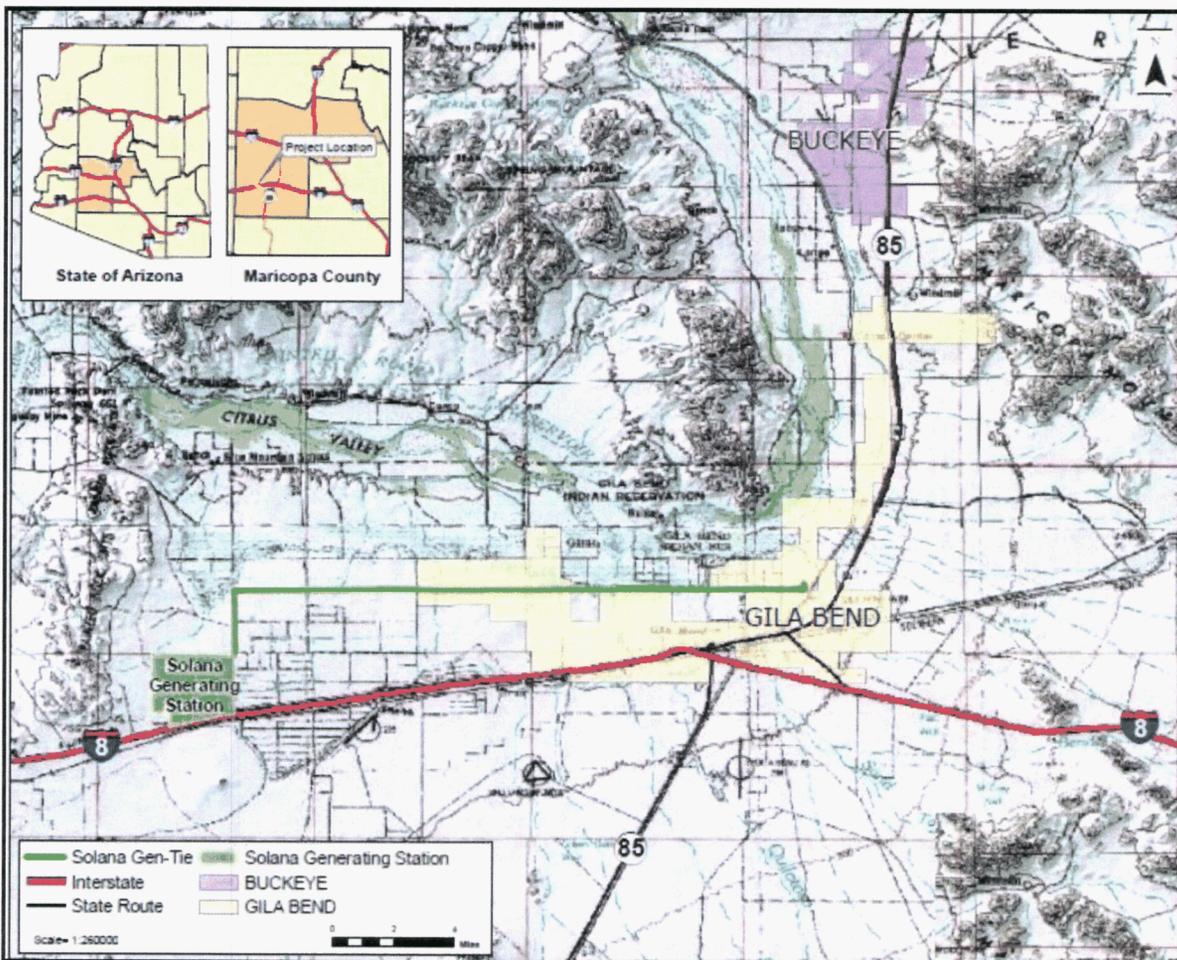
# ABENGOA SOLAR

## Arizona Solar One LLC



Docket No. L-00000GG-08-0407-00139

**General Location:** As pictured in the Vicinity Map, the proposed Solana Generating Station ("Solana") is located approximately twelve miles west of the existing Gila Bend town limits in unincorporated Maricopa County. The Project will be situated north of Interstate 8 and immediately west of Painted Rock Dam Road. The property boundary extends north along Painted Rock Dam Road for approximately two miles, and west along Interstate 8 for approximately 2.3 miles. The current address of the site is 57750 South Painted Rock Dam Road, Gila Bend, AZ 85337.



# ABENGOA SOLAR

Arizona Solar One LLC



Docket No. L-00000GG-08-0407-00139

## EXHIBIT "B"

Acknowledge of Receipt  
Emergency Response and Preparedness Plan

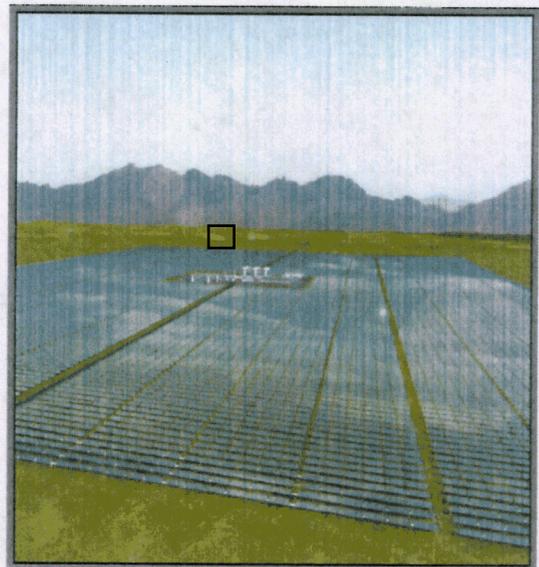
# Solana Generating Station

**ARIZONA SOLAR  
ONE LLC**

Submitted September 20, 2013

## Solana Notification under EPCRA Section 302 (c) and 40 CFR 355 subpart (a)

Mr. Mark Howard  
Arizona State Emergency Response Commission



RECEIVED BY: MARK HOWARD  
EXEC DIRECTOR  
AZSERC

*Mark Howard*

602-464-6345

602-464-6346 (CHRISSEY)

# Solana Generating Station

## ARIZONA SOLAR ONE LLC

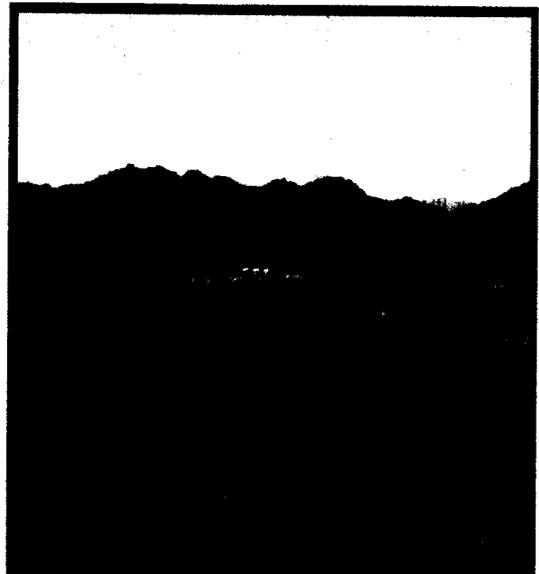
Submitted September 20, 2013

### Solana Generating Station Emergency Response Plan

Mr. Mark Howard  
Arizona State Emergency Response Commission

RECEIVED BY: MARK HOWARD  
Exec. DIRECTOR

*Mark Howard*



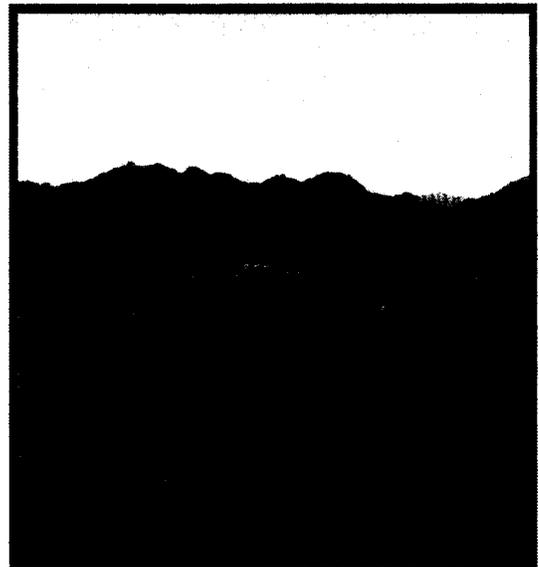
# Solana Generating Station

**ARIZONA SOLAR  
ONE LLC**

Submitted September 23, 2013

## Solana Generating Station Emergency Response Plan

Maricopa County LEPC



Delivered/Received

J. Morrow

9/24/13

JEAN  
MORROW

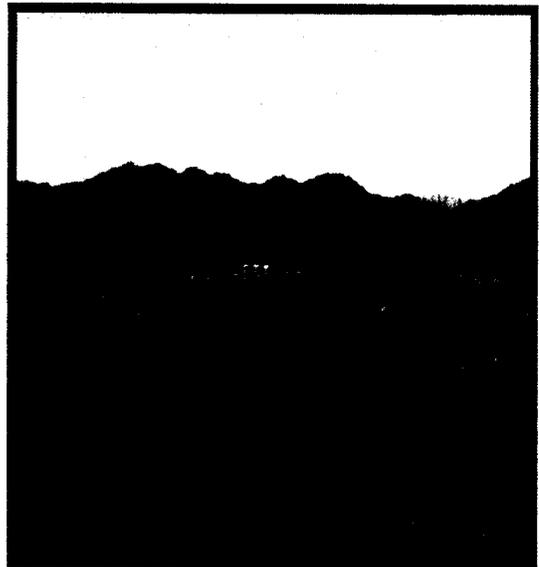
# Solana Generating Station

## ARIZONA SOLAR ONE LLC

Submitted September 23, 2013

### Solana Generating Station Emergency Response Plan

Mr. Frederick M. Durham  
Deputy Arizona State Fire Marshal



**RECEIVED**

BY: \_\_\_\_\_

**RECEIVED**

SEP 24 2013

Fire, Building & Life Safety

**RECEIVED**

9.24.13

BY: \_\_\_\_\_

A handwritten signature in black ink, written over a horizontal line. The signature is cursive and appears to be "D. [unclear]". To the right of the signature, the date "9.24.13" is written in a similar cursive style.

# ABENGOA SOLAR

Arizona Solar One LLC



Docket No. L-00000GG-08-0407-00139

## EXHIBIT "C"

Evidence of Application to NERC / WECC



# Registration Request Form

**THANK YOU FOR SUBMITTING A REGISTRATION REQUEST.  
PLEASE PRINT THIS PAGE FOR YOUR RECORDS USING THE PRINT  
PREVIEW BUTTON ABOVE.**

**This is a PRINT ONLY view.**

### Type of Registration Request

Is your company currently listed as a Registered Entity for the WECC Region?\*  Yes  No

### Requester Contact Information Provide your contact information

Full Name\* Carin Gummo  
 Job Title\* Performance Engineer  
 Email Address\* carin.gummo@solar.abengoa.com  
 Confirm Email Address\* carin.gummo@solar.abengoa.com  
 Telephone Number\*  
 Fax Number 000-000-0000  
 Corporate Website www.abengoasolar.com

### Operational Information

Specify date upon which operations have commenced or will commence. If this application pertains to a generator please provide synchronization date.\* 8/20/2013

Specify Multi-Region Operations if applicable.  
(Please indicate each Region in which the entity operates and/or own facilities)

ALL  RFC

Your registration has been submitted.

All contents of this site are the sole property of Western Electricity Coordi  
Any unauthorized distribution, duplication, or use of this site is strictly  
WECC | 155 North 400 West, Suite 200 | Salt Lake City, UT 84  
Phone: (801) 582-0353 | Fax: (801) 582-3981

**ABENGOA SOLAR**  
Arizona Solar One LLC



Docket No. L-00000GG-08-0407-00139

**EXHIBIT "D"**

Certificate of Commercial Operation

# ABENGOA SOLAR

## Arizona Solar One LLC

1250 Simms Street  
Lakewood, CO. 80401

Phone: 303-928-8500  
Fax: 303-233-2738



### CERTIFICATE OF COMMERCIAL OPERATION

#### Contact Information

Counterparty Name: **Arizona Solar One LLC**

Contact Name: Emiliano Garcia Sanz  
Address: 1250 Simms Street  
Lakewood, CO 80401  
Telephone: 303-928-8500  
Fax: 303-233-2738

Project Name: **Solana Generating Station**

Commercial Operation Date: 2<sup>nd</sup> October at 00h 00m 00s

Technology: CSP  
Nameplate Capacity: 250 MW

Arizona Solar One LLC hereby certifies that the following conditions precedent to Commercial Operation of the Project have been satisfied. Terms used but not defined shall have the meaning set forth in the PPA Agreement.

- (a) Seller shall have obtained (or have caused others to obtain, if applicable) all Permits, and such Permits are in full force and effect;
- (b) Seller shall have entered into or otherwise obtained an interconnection agreement on terms and conditions reasonably acceptable to Seller and the interconnection facilities shall be in operation and capable of accepting, transmitting and delivering Generating Facility Energy to the Delivery Point;
- (c) all documents necessary for the operation of the Generating Facility and the transmission of the Generating Facility Energy from the Generating Facility shall be fully executed or otherwise in effect;

# ABENGOA SOLAR

## Arizona Solar One LLC

1250 Simms Street  
Lakewood, CO. 80401

Phone: 303-928-8500  
Fax: 303-233-2738



- (d) Seller shall have established SCADA information and access to enable Buyer to view production data and an Internet-based or other direct data feed for the Generating Facility on a real-time basis;
- (e) Seller shall have provided to Buyer an energy dispatch and Scheduling protocol that complies with the requirements set forth in Section 5.11;
- (f) the Seller Metering Equipment shall be installed and operational;
- (g) Seller shall in all other respects be capable of delivering Generating Facility Energy to Buyer at the Delivery Point and conveying associated Environmental Attributes, including Buyer RECs, to Buyer, as provided in Section 2.01(k); and
- (h) Seller shall have passed the "Commercial Operation Test", which shall consist of Seller demonstrating actual generation of electric energy equal to at least eighty percent (80%) of the Expected Test Period Output. The Commercial Operation Test shall be conducted over a consecutive seven (7) day period, of which three (3) days must be Cloudless. So long as Seller begins the Commercial Operation Test seven (7) days prior to the Guaranteed Commercial Operation Date, as defined in Section 4.05, Seller shall not be considered to have missed the Guaranteed Commercial Operation Date, if failure to complete the Commercial Operation Test by the Guaranteed Commercial Operation Date results from the need to wait for a consecutive seven (7) day period in which there are at least three (3) Cloudless days.

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# ABENGOA SOLAR

## Arizona Solar One LLC

1250 Simms Street  
Lakewood, CO. 80401

Phone: 303-928-8500  
Fax: 303-233-2738



I certify that all statements made in this Certificate are correct to the best of my knowledge and that I have the authority to bind Seller to the statements made herein.

Receipt Acknowledge as  
Independent Engineer  
("SAIC")

Arizona Solar One LLC

Name: *Rick K. Ruff*

Name: *Eulalio Garcia*

Title: *Managing Director*

Title: *TREASURER*

Date: *Oct 8, 2013*

Date: *Oct 8, 2013*

Receipt Acknowledge as of *October 8,* 2013.

Arizona Public Service Company  
("APS")

Name: *DAVID METZ*

Title: *DIRECTOR, RESOURCE ACQUISITION*

Date: *OCT 8, 2013*

**ABENGOA SOLAR**  
**Arizona Solar One LLC**

1250 Simms Street  
Lakewood, CO. 80401

Phone: 303-928-8500  
Fax: 303-233-2738



I certify that all statements made in this Certificate are correct to the best of my knowledge and that I have the authority to bind Seller to the statements made herein.

**Receipt Acknowledge as  
Independent Engineer  
("SAIC")**

**Arizona Solar One LLC**

Name: *Rick K. Ruffin*

Name:

Title: *Managing Director*

Title:

Date: *Oct 8, 2013*

Date:

Receipt Acknowledge as of *October 8,* 2013.

**Arizona Public Service Company  
("APS")**

\_\_\_\_\_  
Name:

Title:

Date:



formerly R. W. Beck

October 8, 2013

Arizona Solar One LLC  
1250 Simms St.  
Lakewood, Colorado 80401

**Subject: Independent Engineer's Certificate of Commercial Operation  
Renewable Energy Purchase and Sale Agreement  
Solana Power Project**

Ladies and Gentlemen:

This Certificate of the Independent Engineer (the "Certificate") is delivered to Arizona Solar One LLC ("ASO" or "Seller") pursuant to a Master Professional Services Agreement between SAIC Energy Environment & Infrastructure, LLC (the "Independent Engineer") and ASO, dated September 26, 2013. The Certificate is issued pursuant to the requirements specified in Section 4.04 of the Second Amended and Restated Renewable Energy Purchase and Sale Agreement between Arizona Public Service Company ("APS" or "Buyer") and ASO, dated December 15, 2010 (the "PPA") Capitalized terms used but not otherwise defined herein shall have the respective meanings ascribed to such terms in the PPA.

The Independent Engineer has discussed matters believed pertinent to this Certificate with ASO and APS. Further, the Independent Engineer has reviewed the documentation, observed and or otherwise witnessed the items necessary to determine if the requirements for Commercial Operations, including witnessing the Commercial Operation Test pursuant to the PPA conducted by the Seller. The Independent Engineer reviewed the subsequent test reports and information made available by the Seller with respect to the Commercial Operation Test.

The Independent Engineer has performed its reviews in a professional manner and in accordance with the standards of care for the level of services as practiced by other consulting engineers on similar projects.

The Independent Engineer has made such technical reviews and observations it deemed necessary based on witnessing of the Commercial Operation Test and review of the test reports and information provided to it by the Seller.



**Arizona Solar One LLC**

**October 8, 2013**

**Page 2 of 3**

On the basis of the foregoing review and on the understanding and assumption that the Independent Engineer has been provided true, correct, and complete information from such other parties as to the matters covered by this Certificate, the Independent Engineer makes the following statements as of the date hereof:

- a) Seller has obtained (or have caused others to obtain, if applicable) all necessary Permits, and such Permits are in full force and effect;
- b) Seller has entered into or otherwise obtained an interconnection agreement on terms and conditions reasonably acceptable to Seller and the interconnection facilities are in operation and capable of accepting, transmitting and delivering Generating Facility Energy to the Delivery Point;
- c) Documents necessary for the operation of the Generating Facility and the transmission of the Generating Facility Energy from the Generating Facility have been executed or otherwise in effect;
- d) Seller has established SCADA information and access to enable Buyer to view production data and an Internet-based or other direct data feed for the Generating Facility on a real-time basis has been established;
- e) Seller has provided to Buyer an energy dispatch and Scheduling protocol that complies with the requirements set forth in Section 5.11;
- f) the Seller Metering Equipment has been installed and is operational;
- g) Seller in all other respects is capable of delivering Generating Facility Energy to Buyer at the Delivery Point and conveying associated Environmental Attributes, including Buyer RECs, to Buyer, as provided in Section 2.01(k); and
- h) Seller has passed the "Commercial Operation Test", which consisted of Seller demonstrating actual generation of electric energy equal to at least eighty percent (80%) of the Expected Test Period Output. The Commercial Operation Test was conducted over a consecutive seven (7) day period, of which three (3) days were Cloudless.

Arizona Solar One LLC

October 8, 2013

Page 3 of 3

The Independent Engineer hereby certifies that conditions a) through h) described herein have been satisfied as of October 7, 2013.

IN WITNESS WHEREOF, this Certificate is executed by the undersigned on the date first written above.

**SAIC ENERGY, ENVIRONMENT, & INFRASTRUCTURE, LLC**

By



Jim Sauvageau  
Senior Project Manager

By



Rick R. Reiff  
Managing Director

**ABENGOA SOLAR**  
Arizona Solar One LLC



Docket No. L-00000GG-08-0408-00140

**Self-Certification**  
**Docket No. L-00000GG-08-0408-00140,**  
**Decision No. 70639**

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**BEFORE THE ARIZONA POWER PLANT AND  
TRANSMISSION LINE SITING COMMITTEE**

IN THE MATTER OF THE APPLICATION	)	
OF ARIZONA SOLAR ONE, LLC., IN	)	Docket No. L-00000GG-08-0408-00140
CONFORMANCE WITH THE	)	
REQUIREMENTS OF ARIZONA REVISED	)	
STATUTES §§ 40-360, <i>et seq.</i> , FOR A	)	Case No. 140
CERTIFICATE OF ENVIRONMENTAL	)	
COMPATIBILITY AUTHORIZING THE	)	
CONSTRUCTION OF THE SOLANA GEN-	)	
TIE, WHICH ORIGINATES AT THE	)	
SOLANA GENERATING STATION,	)	
LOCATED IN SECTION 9, TOWNSHIP 6	)	
SOUTH, RANGE 7 WEST, MARICOPA	)	
COUNTY, AND TERMINATES AT THE	)	
PANDA 230 kV SUBSTATION, LOCATED	)	
IN SECTION 20, TOWNSHIP 5 SOUTH,	)	
RANGE 4 WEST, GILA BEND, ARIZONA.	)	

**CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY**

Pursuant to notice given as provided by law, the Arizona Power Plant and Transmission Line Siting Committee (the "Committee") held public hearings on September 22 and 23, 2008, and October 14, 2008, all in conformance with the requirements of Arizona Revised Statutes ("A.R.S.") §§ 40-360, *et seq.*, for the purpose of receiving evidence and deliberating on the Application of Arizona Solar One, LLC. ("Applicant") for a Certificate of Environmental Compatibility ("Certificate") in the above-captioned case (the "Project").

The following members and designees of members of the Committee were present at one or more of the hearings for the evidentiary presentations and/or for the deliberations:

John Foreman	Chairman, Designee for Arizona Attorney General
	Terry Goddard

1	Paul Rasmussen	Designee for Director, Arizona Department of Environmental Quality
2		
3	Gregg Houtz	Designee for Director, Arizona Department of Water Resources
4		
5	Jack Haenichen	Designee for Director, Energy Office, Arizona Department of Commerce, attended September 22 and 23, 2008
6		
7	Jim Arwood	Director, Energy Office, Arizona Department of Commerce, attended October 14, 2008
8		
9	David Eberhart	Designee for Chairman, Arizona Corporation Commission
10		
11	Michael Biesemeyer	Appointed Member, attended September 22 and 23, 2008
12		
13	Jeff McGuire	Appointed Member
14		
15	Patricia Noland	Appointed Member
16		
17	Michael Palmer	Appointed Member
18		
19	Michael Whalen	Appointed Member
20		
21	Barry Wong	Appointed Member
22		

23 Applicant was represented by Thomas H. Campbell and Albert H. Acken of Lewis and  
24 Roca LLP. Arizona Corporation Commission ("ACC" or "Commission") Staff, represented  
25 by Charles H. Hains and Robin R. Mitchell, the Sierra Club-Grand Canyon Chapter,  
26 represented by Timothy M. Hogan, and the Paloma Irrigation and Drainage District,  
represented by Jay Moyes and Jeffrey Zimmerman, were granted intervention pursuant to  
A.R.S. § 40-360.05.

At the conclusion of the hearings, the Committee, having received the Application,  
the appearances of the parties, the evidence, testimony, and exhibits presented at the  
hearings, and being advised of the legal requirements of A.R.S. §§ 40-360 to 40-360.13,

1 upon motion duly made and seconded, voted 10 to 0 to grant Applicant this Certificate of  
2 Environmental Compatibility (Line Siting Case No. 140) for the Project.

3 The Project as approved consists of approximately 20 miles of 230 kV transmission  
4 line and required substation and switchyard facilities and modifications. The single-circuit  
5 may be constructed on either single-circuit or double-circuit towers.

6 The Project will originate at a new 230 kV substation within the Solana Generating  
7 Station site (Line Siting Case No. 139, proceeding concurrently with this case), Maricopa  
8 County, Arizona. From the new substation within the Solana site, the Project will head to  
9 the intersection of Painted Rock Dam Road and Powerline Road. The Project will end at the  
10 existing APS Panda Substation (Line Siting Case No. 99) located in Section 20, Township 5  
11 South, Range 4 West, Gila Bend, Arizona. The Project may interconnect with (loop in and  
12 out of) the APS Gila Bend Substation in addition to terminating at the existing APS Panda  
13 230 kV Substation. From the intersection of Painted Rock Dam Road and Powerline Road,  
14 the Project's route will be as follows:

- 15 • North for approximately two miles to the section line / Watermelon Road alignment,  
16 within a 500-foot wide corridor. The corridor width includes 250 feet east and 250  
17 feet west of the centerline of the section line / Painted Rock Dam Road / 419<sup>th</sup>  
18 Avenue alignment.
- 19 • At the section line located two miles north of Powerline Road, the route turns east  
20 along the section line / Watermelon Road alignment for approximately sixteen miles  
21 to the existing APS Panda 230 kV Substation, located in Section 20, Township 5  
22 South, Range 4 West, Gila Bend, Arizona. Between 419<sup>th</sup> Avenue and 355<sup>th</sup> Avenue  
23 the corridor width is 2,000 feet; 1,000 feet north and 1,000 feet south of the  
24 centerline of section line / Waterline Road alignment. From 355<sup>th</sup> Avenue to the  
25 midsection line between 331<sup>st</sup> Avenue and 323<sup>rd</sup> Avenue, the corridor width is 1,000  
26 feet, located south of the centerline of the section line / Watermelon Road

1 alignment. From the midsection line between 331<sup>st</sup> Avenue and 323<sup>rd</sup> Avenue to the  
2 east side of the existing APS Panda 230 kV Substation, the corridor width is 1,250  
3 feet, located south of the centerline of the section line / Watermelon Road  
4 alignment.

- 5 • At the point along the section line / Watermelon Road alignment located parallel to  
6 the eastern boundary of the existing APS Panda 230 kV Substation, the route extends  
7 1,000 feet north of Watermelon Road, within a 500-foot wide corridor east of the  
8 existing APS Panda 230 kV Substation.

9 For the authorized, but not required, loop in and out of the Gila Bend Substation, the  
10 Project's route also includes the following corridor:

- 11 • A 1,000-foot wide corridor, approximately two miles long, located between  
12 Watermelon Road and the APS Gila Bend Substation, primarily along the alignment  
13 of the existing APS 230 kV Gila Bend transmission line (Line Siting Case No. 26). The  
14 corridor width includes 500 feet east and 500 feet west of the centerline of the  
15 existing alignment. Within this corridor, the portion of the circuit extending south  
16 from Watermelon Road to the APS Gila Bend Substation and the portion extending  
17 north from the APS Gila Bend Substation to Watermelon Road may be placed on two  
18 sets of single-circuit towers or on one set of double-circuit towers.

19 A general location map of the Project, described herein, is set forth in **Exhibit A**.

#### 20 CONDITIONS

21 This Certificate is granted upon the following conditions:

- 22 1. The Applicant, or its assignee(s), shall obtain all required approvals and permits  
23 necessary to construct the Project.

24 **Status:** All required permits and authorizations from Federal and State agencies  
25 were acquired prior and during the construction of the Solana Gen – Tie.

26

1 2. The Applicant, or its assignee(s), shall comply with all existing applicable  
2 ordinances, master plans and regulations of the Town of Gila Bend, State of  
3 Arizona, the County of Maricopa, the United States, and any other governmental  
4 entities having jurisdiction.

5 **Status:** The Applicant, prior and during construction of the Solana Gen – Tie,  
6 complied with all existing applicable ordinances, master plans and regulations of  
7 the Town of Gila Bend, State of Arizona, the County of Maricopa, the United  
8 States, and any other governmental entities having jurisdiction. No notifications  
9 were received by the Applicant's EPC Contractor or the Applicant.

10  
11 3. This authorization to construct the Project will expire ten (10) years from the date  
12 the Certificate is approved by the Commission unless the Project is completed and  
13 capable of operation within the ten-year time frame. If the Project is not  
14 complete and capable of operation within the ten-year time frame, the Applicant  
15 or its assignee(s), may request that the Commission extend this time limitation.

16 **Status:** Construction of the Gen – Tie is 100% complete. Starting date: Jan 04,  
17 2012. Completion Date: June 16, 2012.

18  
19 4. In the event that the Project requires an extension of the term of this Certificate  
20 prior to completion of construction, Applicant, or its assignee(s), shall use  
21 commercially reasonable means to directly notify all landowners and residents  
22 within one mile of the Project corridor for which the extension is sought. Such  
23 landowners and residents shall be notified of the time and place of the  
24 proceeding in which the Commission shall consider such request for extension.

25 **Status:** Not applicable at this time. Construction of the Gen – Tie is 100%  
26 complete. Starting date: Jan 04, 2012. Completion Date: June 16, 2012.

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5. The Applicant, or its assignee(s), shall document and make every reasonable effort to identify and correct, on a case-specific basis, all complaints of interference with radio or television signals from operation of the transmission lines and related facilities addressed in this Certificate. The Applicant, or its assignee(s), shall maintain written records for a period of five years of all complaints of radio or television interference attributable to operation, together with the corrective action taken in response to each complaint. All complaints shall be recorded to include notations on the corrective action taken. Complaints not leading to a specific action or for which there was no resolution shall be noted and explained.

**Status:** Applicant shall comply in the event any complaints of radio or television interference is reported.

6. To the extent applicable, Applicant, or its assignee(s), shall comply with the notice and salvage requirements of the Arizona Native Plant Law (A.R.S. §§ 3-901, *et seq.*) and will, to the extent feasible, minimize the destruction of native plants during Project construction.

**Status:** Applicant complied with this condition by presenting a NOI of Clear Land to ADA on February 01, 2012. Approval was received in March 02, 2012. In addition a Vegetation Management Plan has been implemented after Commercial Operation by regulatory requirement from NERC and WECC.

7. Pursuant to A.R.S. § 41-844, if any archaeological, paleontological or historical site or object that is at least 50 years old is discovered on state, county or

1 municipal land during Project-related activities, the person in charge shall  
2 promptly report the discovery to the Director of the Arizona State Museum, and  
3 in consultation with the Director, shall immediately take all reasonable steps to  
4 secure and maintain the preservation of the discovery. If human remains and/or  
5 funerary objects are encountered on private land during the course of any  
6 ground-disturbing activities relating to the development of the subject property,  
7 Applicant shall cease work on the affected area of the Project and notify the  
8 Director of the Arizona State Museum pursuant to A.R.S. § 41-865.

9 **Status:** During the construction period no archaeological, paleontological or  
10 historical site or object that is at least 50 years old was discovered on state,  
11 county or municipal land during Project-related activities.

- 12  
13 8. Applicant, or its assignee(s), shall design the transmission lines to incorporate  
14 reasonable measures to minimize impacts to raptors.

15 **Status:** Applicant complied with this Action through compliance with all  
16 conditions of the Special Purpose – Relocate permit from the Fish and Wildlife. In  
17 addition during the operation some measures will be incorporated if the  
18 operation of the Gen-tie has any impact on raptors.

- 19  
20 9. Applicant, or its assignee(s), shall use non-specular conductor and dulled surfaces  
21 for transmission line structures.

22 **Status:** Applicant complied with this condition.

- 23  
24 10. Before construction on this Project may commence, the Applicant, or its  
25 assignee(s), must file a construction mitigation and restoration plan ("Plan") with  
26 Commission Docket Control. Where practicable, the Plan will specify the

1 Applicant's plans for construction access and methods to minimize impacts to  
2 wildlife, to minimize vegetation disturbance outside of the Project right-of-way,  
3 and to revegetate native areas following construction disturbance.

4 **Status:** Applicant submitted the construction mitigation and restoration plan to  
5 the Commission Docket Control on July 22, 2011.

6  
7 11. With respect to the Project, Applicant, or its assignee(s), shall participate in good  
8 faith in state and regional transmission study forums such as Southwest Area  
9 Transmission to coordinate transmission plans related to the Project.

10 **Status:** Applicant employs representatives who participate in and/or are members  
11 of the Southwest Area Transmission group, the WIRES forum, and the WECC  
12 Regional Transmission Planning study/steering groups. Further, the Applicant  
13 retains a FERC attorney who represents the company in regional and national  
14 transmission planning groups and advises the company on matters related to  
15 FERC, NERC, and WECC activities.

16  
17 12. Within 120 days of the Commission decision granting this Certificate, Applicant,  
18 or its assignee(s), will post signs in public rights-of-way giving notice of the  
19 Project corridor to the extent authorized by law. The Applicant, or its assignee(s),  
20 shall place signs in prominent locations at reasonable intervals such that the  
21 public is notified along the full length of the transmission line until the  
22 transmission structures are constructed. To the extent practicable, within 45 days  
23 of securing easement or right-of-way for the Project, the Applicant, or its  
24 assignee(s), shall erect and maintain signs providing public notice that the  
25 property is the site of a future transmission line. Such signage shall be no smaller  
26 than a normal roadway sign. The signs shall advise:

- 1 (a) That the site has been approved for the construction of Project facilities;
- 2 (b) The expected date of completion of the Project facilities;
- 3 (c) A phone number for public information regarding the Project;
- 4 (d) The name of the Project;
- 5 (e) The name of the Applicant, or its assignee(s); and
- 6 (f) The website of the Applicant, or its assignee(s).

7 **Status:** On April 6, 2009 Arizona Solar One completed the action of posting signs  
8 within 120 days of the Commission decision. The action was then filed with the  
9 offices of Compliance Control and Docket Control on April 10, 2009. Once the right-  
10 of-way for the Project was secured, within 45 days, the Applicant complied by  
11 erecting and maintaining signs providing public notice of the future Solana  
12 Transmission Line. On February 10, 2011 Arizona Solar One completed the action of  
13 posting signs, along the full length of the transmission line, providing public notice  
14 that the property is the future site of the transmission line. Evidence of this action  
15 was then filed with the office of Arizona Corporation Commission Docket Control on  
16 February, 16, 2011.

17 13. The Applicant, or its assignee(s), shall provide copies of this Certificate to the  
18 Town of Gila Bend, the Maricopa County Planning and Development  
19 Department, the Arizona State Land Department, the State Historic Preservation  
20 Office, and the Arizona Game and Fish Department.

21 **Status:** Applicant completed this action on November 13, 2009. This action was  
22 then filed with the offices of Compliance Control and Docket Control on  
23 November 19, 2009.

24 14. Within 120 days after the approval of this Certificate by the Commission,  
25 Applicant, or its assignee(s), will provide known homebuilders and developers  
26

1 within one mile of the center line of the Certificated route (i) a copy of this  
2 Certificate, (ii) a map showing the location of the Project, (iii) a pictorial depiction  
3 of the type of power line being constructed, and (iv) a written request that the  
4 developers and homebuilders include this information in the developers' and  
5 homebuilders' homeowners' disclosure statements.

6 **Status:** Applicant completed this action in conjunction with item thirteen (12), on  
7 April 6, 2009, providing the two know homebuliders and developers in the area  
8 with the required attachments. This action was than filed with the offices of  
9 Compliance control and Docket control on April 10, 2009.

10  
11 15. Before commencing construction of Project facilities located parallel to and within  
12 100 feet of any existing natural gas or hazardous liquid pipeline, the Applicant, or  
13 its assignee(s), shall:

14 (a) Perform the appropriate grounding and cathodic protection studies to  
15 show that the Project's location parallel to and within 100 feet of such  
16 pipeline results in no material adverse impacts to the pipeline or to public  
17 safety when both the pipeline and the Project are in operation. If material  
18 adverse impacts are noted in the studies, Applicant, or its assignee(s), shall  
19 take appropriate steps to ensure that such material adverse impacts are  
20 mitigated. Applicant, or its assignee(s), shall provide to Commission Staff  
21 reports of studies performed; and

22 **Status:** The actions identified in (a), above, have been completed by  
23 Arizona Solar One and submitted to Arizona Corporation Comission  
24 Docket Control on November 17, 2011.

25 (b) Perform a technical study simulating an outage of the Project that may be  
26 caused by the collocation of the Project parallel to and within 100 feet of

1 the existing natural gas or hazardous liquid pipeline. This study should  
2 either: i) show that such outage does not result in customer outages, or  
3 ii) include operating plans to minimize any resulting customer outages.  
4 Applicant, or its assignee(s), shall provide a copy of this study to  
5 Commission Staff.

6 **Status:** The actions identified in (b), above, have been completed by  
7 Arizona Solar One and submitted to Arizona Corporation Commission  
8 Docket Control on November 2, 2011.  
9

10 16. Applicant, or its assignee(s), will follow the latest Western Electricity Coordinating  
11 Council/North American Electric Reliability Corporation planning standards as  
12 approved by the Federal Energy Regulatory Commission, and National Electrical  
13 Safety Code construction standards.

14 **Status:** Applicant has incorporated WECC, NERC, and NESC standards in the  
15 design of the Solana Gen-tie. The Applicant submitted to WECC on August 03,  
16 2012 the application to register "ASI Operations" as a Transmission Owner. The  
17 application is still under review.  
18

19 17. The Applicant, or its assignee(s), shall submit a self-certification letter annually,  
20 identifying progress made with respect to each condition contained in the  
21 Certificate, including which conditions have been met. Each letter shall be  
22 submitted to the Commission Docket Control on December 1, beginning in 2009.  
23 Attached to each certification letter shall be documentation explaining how  
24 compliance with each condition was achieved. Copies of each letter along with  
25 the corresponding documentation shall be submitted to the Arizona Attorney  
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General and Department of Commerce Energy Office. The requirement for the self-certification shall expire on the date the Project is placed into operation.

**Status:** This Action was completed by the Applicant on Nov 29, 2012, and submitted to Docket Control, the Arizona Attorney General and Department of Commerce Energy Office.

**FINDINGS OF FACT AND CONCLUSIONS OF LAW**

This Certificate incorporates the following findings of fact and conclusions of law:

- 1. The Project is in the public interest because it aids the state in meeting the need for an adequate, economical and reliable supply of electric power.
- 2. In balancing the need for the Project with its effect on the environment and ecology of the state, the conditions placed on the Certificate by the Committee effectively minimize its impact on the environment and ecology of the state.
- 3. The conditions placed on the Certificate by the Committee resolve matters concerning the need for the Project and its impact on the environment and ecology of the state raised during the course of proceedings, and as such, serve as the findings on the matters raised.
- 4. In light of these conditions, the balancing in the broad public interest results in favor of granting the Certificate.

THE ARIZONA POWER PLANT AND  
TRANSMISSION LINE SITING COMMITTEE

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Hon. John Foreman, Chairman