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May 27, 2015

Docket Control Center
Arizona Corporation Commission
1200 West Washington Street
Phoenix, AZ 85007

Copy to:
Compliance Section
Arizona Corporation Commission
1200 West Washington Street
Phoenix, Arizona 85007

Re: CEC Docket Number L-00000GG-08-0407-00139, Decision Number 70638,
Case Number 139, and
CEC Docket Number L-00000GG-08-0408-00140, Decision Number 70639,
Case Number 140

Dear Compliance Section or Staff,

Pursuant to Condition 5 of the CEC,

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

Arizona Solar One LLC has developed an Educational Program which promotes the science of using the sun as a renewable energy resource. Solana will offer the opportunity for the community, educational institutions, and non-profit organizations to tour the facility and learn about solar technology and its application. A copy of the program is included for review.

If you have any questions, please contact me at your earliest convenience.

Respectfully,

Emiliano Garcia Sanz
ASO Treasurer
Solana – General Manager

Arizona Corporation Commission
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ABENGOA SOLAR

Abengoa Solar España

Título:

Educational Plan Report

Solana

Abengoa Solar

Created by

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Approved by:

Abengoa Solar LLC	
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Reviewing process registrar

Date	Reason for reviewing the document	Author
03/09/2014	Document creation	Adriana del Valle
11/09/2014	Update on stakeholders, area of impact and activities for 2014	Adriana del Valle
16/09/2014	Plan development, inclusion of Principles in the report	Adriana del Valle
18-26/09/14	Reviews #1 and #2	Adriana del Valle and Cristina de Anduaga
29/09/14	Review #3	Adriana del Valle and Cristina de Anduaga
11/21/14	Review #4	Enrique Guillen
12/12/14	Review #5	Adriana del Valle
18/12/14	Review #6	Adriana del Valle
02/25/15	Review #7	Scott Nolan

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1. Introduction

Abengoa (MCE: ABG.B/P SM /NASDAQ: ABGB) is an international company that applies innovative technology solutions for sustainability in the energy and environment sectors.

Abengoa applies innovative technology solutions for sustainability in the energy and environment sectors, generating electricity from renewable resources, converting biomass into biofuels and producing drinking water from sea water.

Abengoa has a Corporate Social Responsibility (CSR) program implemented in every country where the company operates, integrating CSR in its strategy and organizational structure.

CSR is a form of business management geared towards increasing positive impacts, taking into account all stakeholders of the company, and lowering the potential negative impacts associated with the company's operations.

Because of this, Abengoa seeks to incorporate CSR initiatives in the locations where it operates to respond to the interests of its stakeholders and contribute to the preservation of the culture and the environment for future generations.

Since October 2013, Abengoa through its subsidiary "Arizona Solar One LLC" is operating the Solana Generating Station, the largest parabolic trough plant in the world. Solana Generating Station (SGS) is located west of Gila Bend, Arizona, off State Highway 8. The company's CSR strategy in Arizona will be focused on the promotion of education, combining the development of the community with the need of increasing the knowledge and awareness on sustainability pressing issues among the population.

2. Scope

The Solana Educational Program described herewith aims to implement our Corporate Social Responsibility program, and to respond to certain educational obligation Abengoa Solar has with the Arizona Corporate Commissions as it is described in condition "5" of the Certificate of Environmental Compatibility (CEC):

"the 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".

Considering the content of the aforementioned condition, Arizona Solar One LLC has elaborated the present Educational Program, setting up the framework for the promotion of education in the State of Arizona of the science of using the sun as a renewable energy resource.

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3. Principles

The following principles guide Abengoa Solar's activity for developing educational initiatives in the State of Arizona:

- **Respect for the interest of the community**
 Being this educational program developed under Abengoa S.A. Corporate Social Responsibility (CSR) framework, the principle of respect to the interest of the community is greatly taken into consideration. Every part of this Educational Program has been elaborated paying attention to the different community stakeholders and their needs or concerns. In essence, the Educational Program not only considers the company's own vision on this issue.

 A community stakeholder analysis has been conducted previous to the elaboration of this Educational Program, in order to understand who are the different groups involved in this plan and their interests.
- **Broad vision of the community**
 The company considers all stakeholders when elaborating initiatives to be developed in the area, not limiting its analysis to one group of the population. Decisions on selecting the activities will not be based exclusively on the number of individuals participating, but on the potential positive impact of the activities on the community.
- **Proximity**
 Generally, stakeholders will be considered in terms of physical proximity with the Abengoa Solar's facility. The considered area may not necessarily be based on geographical regulatory levels: regional, county and State level. It will vary depending on the stakeholder (Refer to section 5).
- **Rule of Law**
 The initiatives will be developed under the laws, taking into consideration all levels (Local, State and Federal laws). Also, the norms, customs and traditions will be considered.

4. Stakeholder identification

Although Abengoa Solar has different stakeholder groups identified in its CSR report, the purpose of this section is to identify those stakeholders for the Solana Generating Station. The following classification considers those stakeholders that are affected (or impacted) by our educational efforts in Arizona.

- **Local, State and Federal authorities:** The authorities at these three levels influence Abengoa Solar's approach in the promotion of the education of solar science behind a concentrated solar power plant as "Solana". When conducting this report and creating CSR activities in the State of Arizona, the company acts under any applicable Federal, State and Local laws and regulations.

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The program is designed according to the rule of the laws, although the company always takes into account the norms and traditions when elaborating the different initiatives of this program.

- **Community:** The aim of this document is to create initiatives that promote education among the citizens of the State of Arizona. In this sense, the community, in its broadest sense, is the group of people that would be benefitted from this Educational Program.

Abengoa Solar will focus its efforts in promoting education among the children and the youth within the community. Abengoa Solar has a strong commitment to future generations and firmly believes that supporting the children and the youth means supporting the leaders of tomorrow.

Therefore, students at elementary school, middle school, high school and College or University (or equivalent institutions) levels will be considered.

- **Educational institutions:** These organizations interact in a daily basis with the children and young community, and are aware of their necessities and demands. Educational institutions from all levels (elementary school, high school and institutions providing undergraduate studies) will be considered for potential collaborations, in order to contribute to the development of the children and young community.
- **Non-profit organizations:** Part of the young community does not seek for higher education studies. For that reason, Abengoa Solar will also consider the collaboration with those organizations in the State of Arizona that advocate and promote education as a civil right to reach this group within the youth.

5. Area of impact

Abengoa Solar has analyzed the area of impact of the company for implementing its educational initiatives in response to the educational commitment with the State of Arizona.

In that sense, Abengoa Solar has decided to focus on concrete groups under the group communities previously identified. This decision aims to increase effectiveness when implementing the educational projects and maximizing the benefits for the population.

The following criteria will apply for each group:

- **Local Community:** Abengoa Solar's Solana Generating Station is situated close to the town of Gila Bend. The company understands that its facilities directly impact this community more than others. With the term 'impact', we refer to those influences the company creates in its surroundings, and it does not exclusively have a negative consideration. Abengoa

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Solar directly and indirectly creates jobs in the area, attracts technical and scientific knowledge to the town and contributes to positioning Gila Bend in the map of solar hubs within the State of Arizona.

Abengoa Solar, in its efforts to bring educational promotion to the community, will try to focus mainly on the Gila Bend town and the communities nearby, as much as the circumstances allow it.

- **Elementary and high school institutions:** this kind of institutions allows Abengoa Solar to *directly engage with the young community*.

Although the company's philosophy is to work with the closest communities to its facilities, thus Maricopa County, Abengoa Solar could also consider some communities in Pima, Pinal and Yuma counties for future community engagements.

This does not mean that Abengoa Solar will not consider requests from educational institutions from other counties within the State of Arizona.

- **Higher education institutions:** Abengoa Solar recognizes the important role Universities and Colleges have in the field of technology and innovation, areas of high relevance for the company. For that reason, Abengoa Solar will seek for collaboration with organizations of this kind within the State of Arizona, regardless of the location of their campuses.

Furthermore, the company will make an effort to focus on those that promote sustainability and/ or renewable energy.

- **Non-profit organizations:** Organizations that advocate for the development of education in the State of Arizona are potential partners of the Company for the implementation of its educational projects.

For those organizations with projects with similar objectives, target group and activities, a preference will be given to the organization or project that works with a close population to Solana in terms of geographical distance.

6. Plan development

This section covers the plan elaborated by Abengoa Solar to meet the educational development requirements contained in the CEC, and in compliance with Abengoa's CSR policy.

The Educational Program will be developed in three stages:

- 1) **The Startup stage**—2014. During this phase, a study of the potential educational necessities in the area and the company's available resources has been conducted. As a result of this process, the present plan has been created.

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- 2) **The Ramp up stage**– Starting in 2015, the Company will conduct initiatives based on the Plan Development program.
- 3) **The Mature Level** – The Company will consider additional areas of impact, after analyzing the initiatives conducted by the Company in the educational field during the previous phase.

Because of the nature of the subject, these programs are considered “living documents”, so they may change along the life of the Solana Generating Station.

6.1. The Startup Stage - 2014

During this phase, a study of the potential educational opportunities in the area and the company’s available resources has been conducted. As a result, the present plan has been created.

During this stage, the company has also offered school visits to the plant based on its previous experiences in school tours in other geographies where Abengoa is operating.

6.2. The Ramp up stage

At this stage the following activities or initiatives in the State of Arizona will be pursued:

- **Planned Educational Tours**

Abengoa Solar will offer the opportunity to experience visiting a solar plant and understanding the functioning of a renewable energy facility by giving on-site free guided tours to students.

All tour requests from students that are interested in any of the areas of knowledge mentioned in this plan, regardless of their origin (private, public university, schools, research group, environmental club, etc.) will be considered. The visits will be upon request and are subject to availability in the Solana Plant calendar for events.

All visits consist of a guided tour around the facilities where specialized personnel explain the solar technology. It allows the students to know the application of the science knowledge previously acquired at school. There will be a guided tour to the Solar Field, where energy is captured, and to the Power Block where energy is stored, transformed and transmitted. This is an excellent opportunity to see firsthand how the science of thermodynamics works in real life.

- **Educational Billboard**

We will put together an Educational billboard on Solar Energy that will be placed in an area where it will have the most impact on education.

With the purpose of expanding the general knowledge on solar energy, renewable energy sources, sustainability and STEM skills, Abengoa Solar will use live school presentations and

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graphic materials in order to provide high quality and effective results. This information will be transmitted to schools in the area in order to offer it to students.

- **Official data, images and videos provided by institutions.** Reliable sources that are allowed to be used according to intellectual property laws. An example of this is the educational programs elaborated by the National Renewable Energy Laboratory (NREL)¹.
 - **Data, images and videos property of Abengoa Solar.** The company owns a broad database portal for images that will be used in their educational activities, as well as videos and presentations. Abengoa Solar also places part of these materials online available to the general public².
- **Research on educational institutions in the area**
 During this phase, Abengoa will research which educational institutions in the area that would be interested in visiting the plant and identify institutions in the area interested in education and potential contributions. This information will be presented in a report at the end of this phase.

Arizona Solar One will track all educational activities on a monthly basis. It will be provided a detailed summary of all tours that take place both planned and non-planned. It will also be provided additional information on any other educational activities that Arizona Solar One participates in.

Attached is a rough draft of the form it will be used to track the tours.



6.3. The Mature Level

This stage will start during the year 2016. Abengoa Solar will take a revision of its social actions conducted during the last years in order to maintain those that were successful, efficient and adjusted to the resources of the company for this stage.

It will comprise more comprehensive areas of impact, after revising the prior phase's initiatives. It will allow the company to select those available projects that are in accordance with the needs of the community.

The projects would belong to one of the following areas:

- i) Wide promotion of Solar Energy Technology and Science

¹ <http://www.nrel.gov/education/>

² <http://www.abengoasolar.com/web/es/multimedia/galeria/>

<http://www.pinterest.com/Abengoa/solar>

<http://www.slideshare.net/AbengoaIntl/abengoa-solar-en-eeuu-solana>

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- ii) Facilitation of learning opportunities for students

The activities included in these two areas are a framework of reference, according to the identified necessities in the area. It will be used for selecting potential suitable projects in the future. It is noteworthy that the company will put into practice its educational efforts with the limited resources available at the moment. Below there are some potential activities to implement.

6.3.1. Wide promotion of Solar Technology and Science

Being a company that applies innovative technology solutions for sustainability in the energy and environment sectors, Abengoa Solar has acquired a fair amount of knowledge in solar energy technology and science. For that reason, teaching students about these issues is the best knowledge the company could transfer to society.

Specially, Abengoa Solar seeks to broad people's knowledge on the following areas:

- **Solar energy:** basic knowledge on the technology, the differences between PV and CSP, what technology Abengoa develops and manages in the State of Arizona, etc.
- **Renewable energy:** the position of solar energy among the renewable energy sources, trends, energy predictions for the future and global warming, etc.
- **Sustainability:** The importance of implementing sustainability in our lifestyle and work in order to participate in the sustainable development and fight climate change.
- **STEM³:** Science students in High Schools across the US are fewer than in other fields of studies⁴. The numbers drastically descent when analyzing the percentage of women studying Science: there is a wide gap between genders when it comes to study STEM⁵. For that reason, Abengoa Solar will also consider to promote Science from a broader perspective, in order to encourage students to continue their studies in the STEM fields.

6. 3.1.1. Activities

The company would like to participate in the following activities, depending on available financial resources, necessities and concrete stakeholders for the given period of time. It is noteworthy that these activities contain but not limit the types of the initiatives the company could conduct for the promotion of solar technology and Science.

- **Master classes to students to leverage their STEM skills**

³ STEM: "Science, Technology, Engineering, and Mathematics".

⁴ <http://www.asce.org/cemagazine/Article.aspx?id=23622331105>

⁵ http://www.nsf.gov/news/news_summ.jsp?cntn_id=132650&org=NSF&from=newsField

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This will be possible by arranging meetings at schools and/ or educational institutions in the area, where students could analyze how the theory they learn in class is implemented in real projects close to their hometowns.

The meetings are theoretical-oriented, using explanatory multimedia materials that would make the experience more attractive than a usual class. However, they could include some experimental exhibition or activity on-site. The content of the meetings vary depending on the age of the scholars.

The classes are conducted by specialized personnel from Abengoa Solar with duration of 45 minutes approximately each class.

Abengoa Solar will put together information on solar energy available for teachers from schools in the area. The purpose is facilitating to teachers the access to reliable and up-to-date information about solar energy.

- **Collaborating with educational organizations that promote education**
The Company will include among the potential activities the collaboration with associations and non-profits organizations that promote education.

The form of collaboration may vary depending on the circumstances and the characteristics of the organization..

- **Sponsoring and/ or participating in fairs and conferences designed and planned for the stakeholders of this plan.**
Sponsoring activities will be possible if the Company considers it contributes to the expansion of education under the objectives of our CSR vision.

The conferences and fairs have to be designed for an audience whose members are part of any of the stakeholders of this program. The topics covered by the fair or conference would ideally be related to any of the areas included in this program (solar energy, renewable energies, sustainability or STEM), but the company will also consider other topics, depending on the necessities in the area.

Examples of admitted events are: a fair on STEM job opportunities, a conference for undergraduate students on energy policies, a sustainable fair for the citizens of Manicopa County or the State of Arizona, etc.

6. 3.1.2. Materials

With the purpose of expanding the general knowledge on solar energy, renewable energy sources, sustainability and STEM, Abengoa Solar will use different resources and graphic materials in order to provide high quality and effective outcomes:

- **Official data, images and videos provided by institutions.** Reliable sources that are allowed to be used according to intellectual property laws. An example of this is

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the educational programs elaborated by the National Renewable Energy Laboratory (NREL)⁶.

- **Data, images and videos property of Abengoa Solar.** The company owns a broad database portal for images that will be used in their educational activities, as well as videos and presentations. Abengoa Solar also places part of these materials online available to the general public⁷.

6.3.2. Facilitation of learning opportunities to students

As a company with innovation as one of its core values and an employer in Arizona, Abengoa Solar is interested in foster learning opportunities in both the academic field and the professional job market.

Abengoa Solar has identified the following areas of action, in which the company will try to focus for launching its projects or initiatives on education, depending on financial resources available and partnerships' characteristics.

6.3.2.2. Collaboration agreements and donations to educational institutions:

The company will seek collaboration with educational institutions to promote the realization of concrete and tangible actions, seminar, school material, or other that directly affects and improves the learning opportunities of students.

The projects should prove to have a tangible and short-term benefit for the community where the activity is conducted.

However, this activity is not intended to fund graduate and PhD fellowship, neither scholarships or grants that cover tuition fees for undergraduate studies, summer courses or similar.

The collaboration agreements the company might sign will be oriented to the realization of small-scale projects that need micro-finance support that would allow their realization. It would be the sole decision of the company to finally conduct the petitions received during the year.

Some examples of this could be the micro-financing or one-time contribution to thesis projects in undergraduate studies, contributing to the creation of a conference or seminar organized by a student group, or any other kind of collaboration whose direct beneficiary is a student, club or study group.

⁶ <http://www.nrel.gov/education/>

⁷ <http://www.abengoasolar.com/web/es/multimedia/galeria/>

<http://www.pinterest.com/Abengoa/solar>

<http://www.slideshare.net/AbengoaIntl/abengoa-solar-en-eeuu-solana>

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The amount of projects and assigned budget for this purpose may vary depending on the total budget available for educational purposes each year.

6.3.2.3. Internship opportunities in the company

The implementation of internship opportunities for students from undergraduate schools and/or technical schools and/or institutes will be part of Abengoa Solar's strategy to promote education. We believe that an internship is an enriching experience that allows the students to have their first contact with the professional world and the job market, creating a space where students can put into practice what they have learned during their academic lifecycle. It also facilitates access to future employment.

The students eligible for participating in this kind of activities should be current students or recent graduates from Universities and technical schools and/or institutes.

The openings for internship vary depending on the necessities and open opportunities of the company in a particular year, and would focus on covering STEM positions, for which students from science disciplines, such as mechanical and electrical engineering, environmental engineering, Information Technology, just to name a few are welcome.