



**SOUTHERN CALIFORNIA PUBLIC POWER  
AUTHORITY  
NOTICE OF MEETING  
Board of Directors**

**NOTICE IS HEREBY GIVEN by the undersigned, as the Executive Director of the Southern California Public Power Authority, that a regular meeting of the Board of Directors is to be held as follows:**

Thursday, May 19, 2016  
10:00 AM  
SCPPA Glendora Office  
1160 Nicole Court  
Glendora, California 91740  
(626) 793-9364

The following matters are the business to be transacted and considered by the Board of Directors

Pages

**1. Notice/Agenda and Opportunity for the Public to Address the Board**

Any member of the Board may request that items on the agenda be taken out of order, or that items be added to the agenda pursuant to the provisions of Section 54954.2(b) of the California Government Code. Members of the public may address the Board at this time on any agenda item of general interest, provided that item is within the subject matter jurisdiction of the Board. Comments from members of the public shall be limited to three (3) minutes unless additional time is approved by the board.

**2. Consent Calendar**

All matters listed under the Consent Calendar are considered to be routine and will all be enacted by one motion. There will be no separate discussion of these items prior to the time the Board votes on the motion, unless one or more board members, staff or the public request that specific items be discussed and/or removed for separate discussions or action.

**a. Board Meeting Minutes**

8

April 21, 2016

**b. Monthly Investment Report**

13

March 2016

<b>c. Quarterly Investment Report</b>	<b>15</b>
March 2016	
<b>d. Appointment of Secretary</b>	<b>97</b>
<b>e. Resolution 2016-021</b>	<b>98</b>
Professional Services Agreement(s) for HVAC System Optimization Program(s)	
<b>f. Resolution 2016-022</b>	<b>103</b>
Professional Services Agreement(s) for Residential Lighting Program	
<b>g. Resolution 2016-023</b>	<b>108</b>
Professional Services Agreements for Market Research and Strategic Planning Services	
<b>h. Resolution 2016-024</b>	<b>113</b>
Professional Services Agreements for Customer Engagement and Behavioral Programs	
<b>i. Resolution 2016-025</b>	<b>118</b>
Professional Services Agreement for Home Warranty Programs	
<b>j. Resolution 2016-026</b>	<b>123</b>
Professional Services Agreements for Transportation Electrification Support Services	
<b>k. Resolution 2016-027</b>	<b>128</b>
Goods and Services Agreement with Technical Communities, Inc.	
<b>l. Resolution 2016-028</b>	<b>147</b>
Goods and Services Agreement with EnergySage, Inc.	
<b>m. Resolution 2016-029</b>	<b>168</b>
Renewal of Personal Services Contract with Tom Roth	

#### STAFF REPORTS

<b>3. Executive Director's Report</b>	<b>172</b>
---------------------------------------	------------

The Executive Director will report on activities since the last Board meeting. Topics include:

- CAISO Presentation by Steve Berberich
- Updates on the SCPPA Website
- Training Updates
- Updates on 1172 Nicole Court

<b>4. <u>Government Affairs Reports</u></b>	<b>173</b>
The Director of Government Affairs will report on the regulatory activities at the state and federal level. Topics include:	
<ul style="list-style-type: none"> <li>• ARB</li> <li>• Aliso Canyon</li> <li>• Legislative Updates</li> </ul>	
<b>a. Morgan Meguire Report</b>	<b>184</b>
<b>5. <u>Chief Financial Officer's Report</u></b>	<b>195</b>
The Chief Financial Officer will report on the status of current financing activities. Topics Include:	
<ul style="list-style-type: none"> <li>• SCPPA FY 2016-17 Budget</li> <li>• Ratings Update</li> <li>• M-S-R Pricing</li> <li>• Financial Market Update</li> </ul>	
<b>a. Resolution 2016-030</b>	<b>196</b>
Fistcal Year 2016-17 APPA Annual Dues	
<b>b. Resolution 2016-031</b>	<b>200</b>
Establishing a Salary Schedule for SCPPA Employees	
<b>c. Resolution 2016-032</b>	<b>203</b>
Fiscal Year 2016-17 Administrative and General Budget	
<b>6. <u>Director of Resource and Program Development</u></b>	
The Director of Resource and Program Development will report on current activities, including renewable energy project development, resource planning issues, Public Benefits and smart grid. Topics include:	
<ul style="list-style-type: none"> <li>• SB 1037</li> <li>• PA Consulting</li> <li>• Community Solar</li> </ul>	
<b>a. Energy Systems Report</b>	<b>208</b>
<b>b. Programs Report</b>	<b>211</b>
<b>c. Resolution 2016-034</b>	<b>212</b>
CMUA/NCPA/SCPPA Joint Funding Agreement for Energy Efficiency Potential Forecasting	

d.	<b>Resolution 2016-035</b>	223
	Goods and Services Agreement with Ecology Action, Inc.	
e.	<b>Resolution 2016-036</b>	240
	California Electric Transportation Coalition Board Membership	
7.	<b><u>Project Administration Director's Report</u></b>	245
	The Director of Project Administration will report on project-related staff and agent activities.	
	Topics include:	
a.	<b>Hoover Status Report 05-16</b>	252
b.	<b>MPP Operations Report 04-16</b>	255
c.	<b>Palo Verde 05-16</b>	262
d.	<b>San Juan Report 05-16</b>	265
e.	<b>Resolution 2016-037</b>	267
	San Juan Reclamation Trust Agreement	
f.	<b>Resolution 2016-038</b>	290
	Canyon Budget	
g.	<b>Resolution 2016-039</b>	295
	Magnolia Power Project Budget	
h.	<b>Resolution 2016-040</b>	306
	Palo Verde Project Budget	
i.	<b>Resolution 2016-041</b>	314
	San Juan Unit 3 Budget	
j.	<b>Resolution 2016-042</b>	319
	Apex Power Project Budget	
k.	<b>Resolution 2016-043</b>	324
	Mead-Phoenix Transmission System Budget	

<b>l.</b>	<b>Resolution 2016-044</b>	<b>329</b>
	Mead-Adelanto Transmission System Budget	
<b>m.</b>	<b>Resolution 2016-045</b>	<b>334</b>
	Mead-Phoenix Transmission System (LADWP) Budget	
<b>n.</b>	<b>Resolution 2016-046</b>	<b>339</b>
	Mead-Adelanto Transmission System (LADWP) Budget	
<b>o.</b>	<b>Resolution 2016-047</b>	<b>344</b>
	Southern Transmission System Budget	
<b>p.</b>	<b>Resolution 2016-048</b>	<b>349</b>
	Ormat Geothermal Energy Project Budget	
<b>q.</b>	<b>Resolution 2016-049</b>	<b>354</b>
	Metropolitan Water District Small Hydro Project Budget	
<b>r.</b>	<b>Resolution 2016-050</b>	<b>359</b>
	Pebble Springs Wind Project Budget	
<b>s.</b>	<b>Resolution 2016-051</b>	<b>364</b>
	Ameresco Chiquita Landfill Gas Project Budget	
<b>t.</b>	<b>Resolution 2016-052</b>	<b>369</b>
	Milford I Wind Project Budget	
<b>u.</b>	<b>Resolution 2016-053</b>	<b>374</b>
	Milford II Wind Project Budget	
<b>v.</b>	<b>Resolution 2016-054</b>	<b>379</b>
	Windy Flats Project Budget	
<b>w.</b>	<b>Resolution 2016-055</b>	<b>384</b>
	Tieton Hydro Project Budget	
<b>x.</b>	<b>Resolution 2016-056</b>	<b>389</b>
	Linden Wind Energy	

y.	<b>Resolution 2016-057</b>	394
	Don Campbell/Wild Rose Geothermal Project Budget	
z.	<b>Resolution 2016-058</b>	399
	Don A. Campbell 2 Geothermal Project Budget	
aa.	<b>Resolution 2016-059</b>	404
	Copper Mountain Solar 3 Project Budget	
ab.	<b>Resolution 2016-060</b>	409
	Columbia Two Solar Project Budget	
ac.	<b>Resolution 2016-061</b>	414
	Heber 1 Geothermal Project Budget	
ad.	<b>Resolution 2016-062</b>	419
	Kingbird B Solar Project Budget	
ae.	<b>Resolution 2016-063</b>	424
	Springbok 1 Solar Project Budget	
af.	<b>Resolution 2016-064</b>	428
	Astoria 2 Solar Project	
ag.	<b>Resolution 2016-065</b>	432
	Summer Solar Project Budget	
ah.	<b>Resolution 2016-066</b>	436
	Pinedale Natural Gas Project Budget	
ai.	<b>Resolution 2016-067</b>	450
	Barnett Natural Gas Project Budget	
aj.	<b>Resolution 2016-068</b>	461
	Natural Gas Prepay Project 1 Budget	

## 8. **Legal Affairs Report**

General Counsel will report on the status of current legal matters.

Amendment to Employment Agreement between SCPPA and Bill

Carnahan 9. **New Business**

New topics may be introduced in order to be added to the next meeting agenda for future consideration and action by the Board.

**10. Closed Session**

- **Public Employment:** Work review and performance evaluation of the Executive Director of the Authority pursuant to Section 54957 of the California Government Code.
- **Conference with Labor Negotiators:** SCPPA designated representatives: Fred H. Mason, President; Richard J. Morillo, General Counsel. Unrepresented employee: Bill D. Carnahan, Executive Director.
- **Potential Litigation:** Conference with legal counsel regarding the potential initiation of litigation pursuant to subdivision (c) of Section 54956.9 of the California Government Code (one potential case).
- **Potential Litigation:** Conference with legal counsel regarding significant exposure to litigation pursuant to subdivision (b) of Section 54956.9 of the California Government Code (one potential case).



BILL D. CARNAHAN  
Executive Director  
Southern California Public Power Authority

**MINUTES OF THE  
REGULAR MEETING OF THE BOARD OF DIRECTORS  
OF THE SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY**

A regular meeting of the Board of Directors was held on May 19, 2016 at the offices of the Authority, 1160 Nicole Court, Glendora, California.

This meeting was called to order at 10:00 A.M. by President Mason.

**The following board members (B) and alternates (A) were present:** Fred Mason (B), Girish Balachandran (B), Dukku Lee (B), George Morrow (B), Vince Brar (A), Dave Kolk (B), Stephen Zurn (B), Marcie Edwards (B), Shari Thomas (B), Jorge Somoano (A), Mike Webster (A), Reiko Kerr (A), Eric Klinkner (A), Abraham Alemu (A)

**Staff members were:** Bill Carnahan, Richard Morillo, Steve Homer, Ted Beatty, Tanya DeRivi, Salpi Ortiz, Daniel Hashimi, Katie Ellis, Kelly Nguyen, Arpi Lepedzhyan, Kevin Crawford, Sarah Taheri, Robert Duran, Therese Savery

**Attorneys, member employees and consultants present were:** Stephen Cole (Consultant), Lincoln Blevins, Steve Berbberich (CAISO), Jody Cross (CAISO), Joanne S (CAISO), Gurcharan Bawa, Bob Liu, Pete Garriss, Jamie Asbury, Yarek Lehr, Ira Joffee, Ken Lively (Bulb Star)

**1. Notice/Agenda and Opportunity for the Public to Address the Board**

Mr. Mason afforded the public an opportunity to address the Board. There being no request to do so, the Board proceeded to the Consent Calendar.

**2. Consent Calendar**

- (a) SPCPA Board Minutes for 04-21-16**
- (b) Monthly Investment Report for 04-16**
- (c) Quarterly Financial Report for 03-31-15**
- (d) Resolution 2016-021(HVAC Optimization)**  
Professional Services Agreement



- (e) Resolution 2016-022 (Residential LED)**  
Professional Services Agreement
- (f) Resolution 2016-023 (Market Research)**  
Professional Services Agreement
- (g) Resolution 2016-024 (Customer Behavior)**  
Professional Services Agreement
- (h) Resolution 2016-025 (Home Warranty)**  
Professional Services Agreement
- (i) Resolution 2016-026 (Transportation Electrification)**  
Professional Services Agreement
- (j) Resolution 2016-027 (Customer Queuing System)**  
Professional Services Agreement
- (k) Resolution 2016-028 (Energy Sage, Inc.)**  
Goods and Services Agreement
- (l) Resolution 2016-029 (Tom Roth)**  
Personal Services Contract Renewal

Prior to approval, Dukku Lee (Anaheim) pulled Resolutions 2016-023, 2016-024 and 2016-026 for discussion.

**Moved By:** Girish Balachandran

**Seconded By:** David Kolk

**Unanimously Approved**

## **STAFF REPORTS**

### **3. Executive Director's Report**

Steve Berberich from CAISO provided a presentation.

Ms. Lepedzhyan provided an update on the training program at SCPPA and the benefits members have received.

#### **4. Government Affairs Reports**

Ms. DeRivi discussed the ARB rulemakings on the RPS Enforcement Penalties for POUs as well as the RPS adjustment.

Ms. DeRivi also provided updates on both federal and state legislation.

Ms. DeRivi gave an update on upcoming trainings, an action plan and FERC hearing in regards to Aliso Canyon.

#### **5. Chief Financial Officer's Report**

Mr. Crawford provided a ratings update for the Apex Power Project, Milford, Linden and Windy Flats.

Mr. Crawford presented the M-S-R pricing for Mead Adelanto and Mead Phoenix LADWP project bond issuance.

Mr. Crawford reviewed the SCPPA 2016/17 A&G budget as well as the APPA annual dues and presented it to the board for approval.

The following resolutions were taken in succession.

**Resolution 2016-030**  
APPA Dues

**Resolution 2016-031**  
SCPPA Salary Schedule

**Resolution 2016-032**  
SCPPA A&G Budget

**Moved By:** Girish Balachandran

**Seconded By:** Dukku Lee

**Unanimously Approved**

## **6. Director of Resource and Program Development**

Mr. Beatty provided charts depicting the pricing for renewables development.

Mr. Beatty gave an update on the community solar RFP that closed on April 14<sup>th</sup> and the committees next steps.

Mr. Beatty presented data on system reliability among the members inclusive of average SAIDI, CAIDI and restoration times.

Mr. Beatty presented the co-funding agreement between SCPPA, NCPA and CMUA. This agreement will be utilized in an effort for energy efficiency potential forecasting.

Mr. Beatty presented the Goods and Services Agreement with Ecology Action, a non-profit provider of energy efficiency programs that will be working with grocery chains in 7 – 8 member territories.

Mr. Beatty presented the California Electric Transportation Coalition which is a non-profit association that shapes the electric transportation market. Under resolution 2016-036, SCPPA would be a board member on behalf of the members.

Mr. Beatty presented the SB 1037 report which was developed between SCPPA staff and NCPA and delivered on March 15 to the CEC.

### **Resolution 2016-034**

SCPPA/NCPA/CMUA Co-Funding Agreement

**Moved By:** Mike Webster

**Seconded By:** Girish Balachandran

**Unanimously Approved**

### **Resolution 2016-035 (Ecology Action)**

Goods and Services Agreement

**Moved By:** Dukku Lee

**Seconded By:** George Morrow

**Unanimously Approved**

**Resolution 2016-035 (CA Electric Transportation Coalition)**  
SCPPA Board Membership

**Moved By:** Dukku Lee

**Seconded By:** David Kolk

**Unanimously Approved**

**7. Project Administration Director's Report**

Mr. Homer discussed the Amended and Restated Mine Reclamation Trust Fund Agreement for San Juan.

Mr. Homer discussed recent bankruptcy news for companies involved with the Pinedale and Milford projects.

Mr. Homer presented the 31 project budgets for the upcoming fiscal year.

**Resolution 2016-037 (San Juan)**

Amended & Restated Mine Reclamation Trust Fund Agreement

**Moved By:** George Morrow

**Seconded By:** David Kolk

**Unanimously Approved**

At 12:35am the Board of Directors took a brief recess allowing the Magnolia Power Project Coordinating Committee Meeting to meet.

The Board of Directors meeting resumed at 12:40am.

**Resolution 2016-038 through 2016-068**

Project budgets for Fiscal Year 2016/17

**Moved By:** Mike Webster

**Seconded By:** Dukku Lee

**Unanimously Approved**

**8. Legal Affairs**

Mr. Morillo requested Resolution 2016-033 to be discussed in closed session.

**9. New Business**

Mr. Mason provided an opportunity for new business to be brought before the board. There being no new business, the board moved to closed session.

**10. Closed Session**

The board entered into closed session at 12:45pm

After re-convening in open session at 2:00PM, the board took motion to pass Resolution 2016-033.

**Resolution 2016-033 (Carnahan)**  
Contract Extension

**Moved By:** Girish Balachandran

**Seconded By:** Steve Zurn

**Unanimously Approved**

There being no further business, the meeting was adjourned at 2:05PM.

Respectfully Submitted,

---

David H. Wright

c: Board of Directors