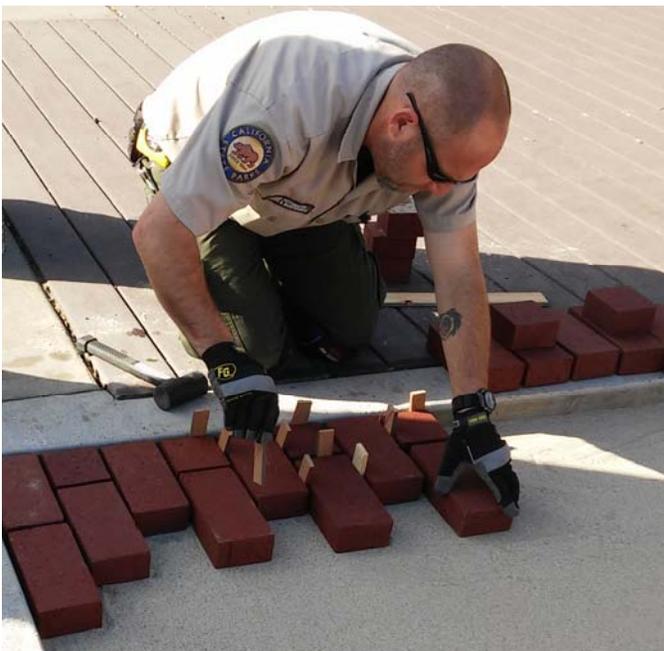


## Bricks Installed for the ‘Leave a Legacy’ Campaign — Get Your Brick Today!

Many thanks to the California State Parks personnel (Derek Kettenhofen, pictured below, and Greg Johnson) who, with the support of FFPA Board members, recently installed the brick beautification walkway for our Leave a Legacy Campaign. We also thank Home Depot / Placerville for their contributions towards materials. As soon as there was a break in the wet but much needed weather, all hands came out on short notice to take advantage of the dry spell for the installation.

Now that the bricks are in place, the first batch of legacy bricks will be etched and installed. Please consider purchasing a legacy brick to honor someone you love and/or admire. Thank you to the individuals listed to the right who have already purchased bricks for the beautification and legacy project. **We hope you will be next!**



### THANK YOU TO OUR FIRST ROUND OF SUPPORTERS

Ann and Boren Bailey  
 Hal and Sandy Higgins  
 Bill and Denise Johnson (2)  
 Craig Jones  
 Fred Kellie  
 Brad and Denise Livingood  
 N.B. Livermore  
 Paul Money  
 Debbie Monez  
 Joy and Stan Newell  
 Joyce Park  
 Don and Diane Peterson  
 Corrado and Karen Polastri  
 Stephen Porten  
 Snooks Candies

*Use the form on page 6 to leave a legacy.*



*Friends of the Folsom Powerhouse Association is a proud cooperating association with the California State Parks in maintaining and supporting the Folsom Powerhouse.*

#### Inside this issue:

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## The Transmitter

President's Page — Brad Livingood

### FFPA Annual Meeting

On February 9, 2016, the Friends of the Folsom Powerhouse Association (FFPA) held its 31<sup>st</sup> Annual Meeting in the Folsom Powerhouse State Historic Park Visitor Center. An old-fashioned potluck dinner was enjoyed by all and we were pleased to renew some FFPA memberships for 2016.

Rich Preston, Folsom Sector Superintendent, Gold Fields District, California State Parks, was the keynote speaker. He provided an update on the status of California State Parks and upcoming plans for the Folsom Powerhouse State Historic Park grounds and Visitor Center. During an open forum, he was asked about utilization at the Powerhouse and was pleased to confirm that attendance has steadily been rising at the Park. Additionally, he indicated California State Parks' desire to improve the Visitor Center meeting room

into a modern conference center that could host a variety of activities. California State Parks is actively seeking a community business partner to help fund this activity.

Rick Dwyer, FFPA treasurer, provided an update on the Association's financial status. Brad Livingood, FFPA president, called the business session to order and candidates for FFPA Board of Directors were announced. Incumbent candidates were announced whose three-year terms were expiring—**Rick Dwyer, Bill Johnson, and Brad Livingood**. In addition, current board members, **Ken Appel** and **Tom Boyd**, who were appointed since the last Annual Meeting, were presented. There were no additional nominations from the floor. **Karen Polastri** is fulfilling her current term and serving as vice president.

#### Powerhouse Park Visitors — By the Numbers

##### Park Visitors

Dec, 2009—340

Dec, 2016—1,030

##### Visitor Center Visitors

Dec, 2009 —0\*

Dec, 2016—355

##### Powerhouse Visitors

Dec, 2009 — 264

Dec, 2016 — 320

\*Visitors Center opened September 8, 2012



VOLUNTEER

### Raise Your Hand for Meaningful Involvement

Are you looking for a cause or a project that needs you?

For over 30 years, Friends of the Folsom Powerhouse Association (FFPA) has offered meaningful community involvement. If you are not familiar with our Association, check out the FFPA website, [www.ffpaonline.org](http://www.ffpaonline.org), for more information about our upcoming activities and goals. As you will see — we are busy. As a volunteer or an FFPA Board Member, you can participate and make a difference in a variety of meaningful tasks that enrich and contribute to the Folsom Powerhouse State Historic Park.

Right in your backyard, the Powerhouse offers a treasure that you can take pride in and a place you can welcome your out-of-town friends and relatives. First time visitors are impressed by the unique grounds and setting that frames **Our Park**—it belongs to all of us. We need your help to continue in our quest of increasing park visitation, providing a pleasant experience for all, and preserving and sustaining this community treasure for future generations.

## It's Time to Renew Your Support

Membership renewal notices were mailed in early January. If you have already renewed, thank you for your continued support of this community treasure. If you renewed at the Annual Membership Meeting in January you have already received your membership card along with your one day free parking pass at the Park. Those not able to attend the meeting have

been mailed their cards and passes.

We thank past president **Claudia Bonham** for her recent note about our efforts, "Congratulations on the great job you are all doing to protect and promote the Powerhouse."

Your support is vital to our continued work. You can renew, join and/or donate online, [www.ffpaonline.org](http://www.ffpaonline.org).

**Help us preserve the Folsom Powerhouse State Historic Park**

**Renew or join online—  
[www.ffpaonline.org](http://www.ffpaonline.org)**

- \$15.....Seniors
- \$20 .....Individuals
- \$35 .....Family
- \$50 .....Business
- \$100 .....Bronze
- \$250 .....Silver
- \$500 .....Gold
- \$1000 .....Platinum

**Interested in serving on the FFPA Board?** The FFPA Board of Directors is recruiting for new members of the Board. If you have talents in grant writing, fundraising, media relations, event planning, or membership recruitment, email us: [info@ffpaonline.org](mailto:info@ffpaonline.org).

## Your Support Helps Provide Science Education for the Community and Teachers

On September 8, 2012 the Folsom Powerhouse Visitor Center officially opened. That day was also the first annual Electricity Fair, a free family friendly community event showcasing energy and science. Since this date the Folsom Powerhouse visitation has continued to grow. In 2011, a year before the opening, we had less than 7,000 visitors. In 2015, we had more than 17,000 visitors, nearly a 250% increase. We will be hosting the fifth annual Electricity Fair on September 10, 2016. Our visitation will continue to grow with these kinds of activities, with our volunteers and staff ready to share the unique historical gem of Folsom Powerhouse State Historic Park (SHP).

In 2015, California State Parks in partnership with SMUD presented teacher workshops at the Folsom Powerhouse SHP. The local teachers have been learning how to incorporate more science into their classrooms as well as how they can bring their classes to the Powerhouse as part of the curriculum standards. The workshop topics were on harnessing the sun for power, energy and electric circuits, and science observation techniques with various states of matter. *Your dues and donations help to support our community science education.*



## The Transmitter

### Science Scholarships / Grants

#### Jack Kent Cook Foundation

*7th grade students*

This Foundation offers the largest scholarships in the U.S. to students in 8th through 12th grades who are exceptionally promising and have financial need.

The Foundation is accepting applications from outstanding 7th grade students for its annual Young Scholars Program. Up to 70 students will be selected. For program guidelines, [www.jkcf.org/scholarship-programs/young-scholars/](http://www.jkcf.org/scholarship-programs/young-scholars/)

#### National Weather Association

*Undergraduate students*

The Meteorological Satellite Applications Award Grant was established by the National Weather Association (NWA) to

stimulate interest in the study and use of satellite remote sensing data in weather analysis and forecasting.

Write an original essay on meteorological satellite applications. Winner will receive a \$500 grant, free registration at the NWA Annual Meeting in Norfolk to present their paper, and a stipend of \$500 to help cover travel and hotel expenses. Find more information at <http://www.nwas.org/grants/NWAMETSATAwardGrant.php>

#### Entertainment Software Association Foundation

*High school and undergraduate students*

The Entertainment Software Association Foundation is seeking applications for scholarships for women and minority students who are pursuing degrees

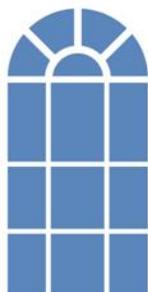
in computer and video game arts.

The scholarships support full-time undergraduate study at an accredited four-year college or university in the U.S. Up to 30 scholarships of \$3,000 each will be awarded annually, 15 to graduating high school seniors and 15 to current college students. See the ESA Foundation website for guidelines and application instructions. <http://www.esafoundation.org/scholarship.asp>

#### Wild Ones

This nonprofit environmental education organization is accepting applications from projects that aim to enhance and develop an appreciation for nature using native plants. Grants of up to \$500 will be awarded to projects that emphasize the involvement of students and volunteers. Schools, nature centers, and other nonprofit places of learning that focus on K-12 students in the U.S. are eligible to apply. Must have a site available for the project. See the website for more information. <http://www.wildones.org/seeds-for-education/sfe/>

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## Science Corner

# How to Measure the Speed of Wind

### What you will need

- 2 pieces of heavy cardboard
- scissors
- staples or tacks
- 4 individual metal-foil muffin pans, or small paper cups
- paint; paint brush
- sharp, thin nail
- large needle
- pencil with eraser
- spool of thread
- clay or paper towels
- glue or cord
- block of wood or flat stone

### How can you measure the speed of wind?

One way is with a cup anemometer. This instrument has three or four small hollow metal hemispheres that revolve around a metal rod and catches the wind. How fast they move reveals the speed of the wind. This anemometer looks almost like the real thing. But while real anemometers record the revolutions of the cups electrically, you will have to count them yourself.

### What to do

Cut two strips of heavy cardboard, approximately 2 inches x 18 inches. Make a slit in the middle of each one so that they fit together to make a cross.

Staple or tack a small metal-foil pan to each end of the cross. If you don't have any old muffin pans around, you can make them by cutting out disks from heavy duty aluminum foil, or cutting down paper cups. Paint one of the pans a bright color. Make a hole through the center of the cross with the sharp thin nail or a large needle.

To make a base, stick the eye of the needle into the pencil eraser. Fit the pointed end of the pencil into the hole of a spool. (You may need the clay or paper towels to make it snug.) Glue or tie the spool to a block of wood or a flat stone.

Attach the cross to the base by placing it on the point of the needle. Blow on the cups. If the cross does not turn easily, make

the hole in the crossed strips larger.

Place the base outdoors on a box about 3 feet above the ground. Keep a record of the number of revolutions it makes per minute. You can do this easily by counting how many times the colored pan passes you.

### What happens

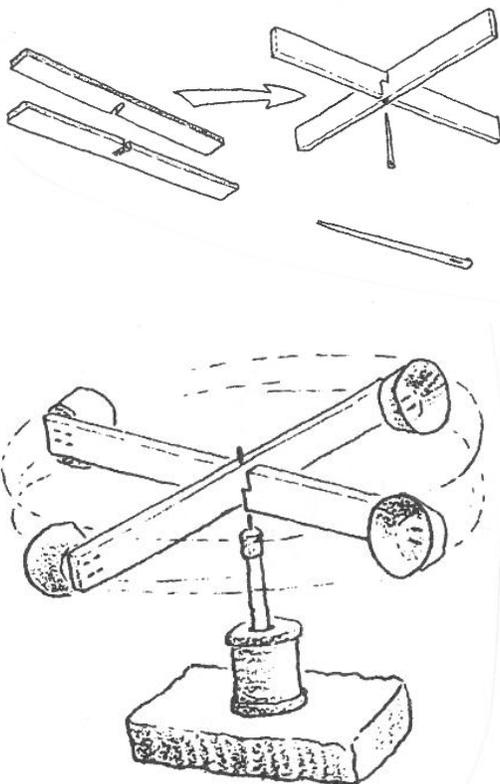
The anemometer sometimes whirls around quickly. At other times it barely moves.

### Why?

The inward curve of the cups receives most of the force of the wind. That's what makes the cups move. The more revolutions per minute, the greater the wind velocity. A rapid increase in speed can mean approaching rain or snow or thunderstorms.

*In the next issue of The Transmitter, learn about The Beaufort Scale, which categorizes wind speed.*

Source: 365 Simple Science Experiments with Everyday Materials by E. Richard Churchill, Louis V. Loeschig, and Muriel Mandell



# Leave a Legacy...buy a brick or two!



The Friends of the Folsom Powerhouse Association is pleased to collaborate with the California State Parks on the beautification and enhancement of the Visitor's Center with a new brick pathway. This capital improvement is also an opportunity for members of the community to leave a legacy with their names, or the names of their family members or colleagues, etched in the brick. Form is also on our website, [www.ffpaonline.org](http://www.ffpaonline.org).



## Leave a legacy at the Friends of the Folsom Powerhouse Association!

Purchase a \$100 memorial brick that will be used to pave a new walkway at the Folsom Powerhouse Visitor Center. It's easy and your brick dedication will leave a legacy at the Folsom Powerhouse!

<p><b>ORDER FORM</b></p> <ol style="list-style-type: none"> <li>1. Complete Order Form.</li> <li>2. Make \$100 check payable to: FFPA</li> <li>3. Mail completed form &amp; check to: FFPA</li> <li>4. Retain "Charitable Receipt" for tax purposes.</li> </ol>	<p><b>Fill out boxes as you wish them to appear on the brick.</b></p> <p>Example:</p> <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td>M</td><td>A</td><td>R</td><td>T</td><td>I</td><td>N</td> <td>F</td><td>A</td><td>M</td><td>I</td><td>L</td><td>Y</td> </tr> <tr> <td></td><td></td><td>M</td><td>O</td><td>M</td> <td>&amp;</td><td>D</td><td>A</td><td>D</td><td></td><td></td><td></td> </tr> <tr> <td>J</td><td>A</td><td>S</td><td>O</td><td>N</td> <td>&amp;</td><td>A</td><td>B</td><td>B</td><td>Y</td><td></td><td></td> </tr> <tr> <td> </td><td> </td> </tr> <tr> <td> </td><td> </td> </tr> <tr> <td> </td><td> </td> </tr> </table>	M	A	R	T	I	N	F	A	M	I	L	Y			M	O	M	&	D	A	D				J	A	S	O	N	&	A	B	B	Y																																						
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Name \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

Enclosed is my check (payable to FFPA) # \_\_\_\_\_  Please charge my:  AMEX  Discover  MasterCard  Visa

Card Number \_\_\_\_\_ Exp. Date \_\_\_\_\_ VCode \_\_\_\_\_

Name on Card \_\_\_\_\_ Signature \_\_\_\_\_

Billing Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

**CHARITABLE RECEIPT**

Friends of the Folsom Powerhouse Association, Federal Tax ID#68-0062027, a 501 (c)(3) organization, acknowledges the receipt of \$ \_\_\_\_\_ from \_\_\_\_\_.

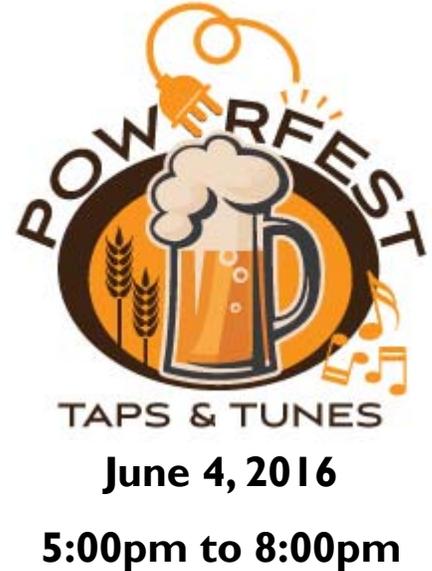
Donor has received no goods or services for this donation.

FFPA Admin. Office, 950 Glenn Drive, Suite 150, Folsom, CA 95630

## Join Us for the 2nd Annual Powerfest: Taps & Tunes

The FFPA Board of Directors is delighted to announce the second annual Powerfest: Taps & Tunes. We welcome back an outstanding live performing band, Azuar, as well as beer tasting, historical authors and groups, tours of the historic Powerhouse, and fantastic

BBQ. Mark your calendars for this not-to-be missed outdoor event. Tickets are only \$20 in advance / \$25 at the door — on sale soon. **Sponsorships are available now.** Call FFPA President Brad Livingood at 916/825-8137.



## Buy It Where You Burn It

California has been participating in the national “Firewood Scout” program, launched last summer. It is an effort to assist consumers in buying firewood locally to where they will be burning it.

Did you know that firewood can harbor insects and diseases that threaten California’s valuable forest resources? Transporting firewood can move these pests to new locations.

The online Firewood Scout program is especially useful in its mobile form, as on-the-go travelers can use their smartphones to identify where local firewood distributors are in a given area. The website also offers information on invasive species of concern in

California as well as a set of questions consumers can ask to help assure the wood being purchased is low-risk for insects and diseases.



### 5 Tips for Preserving Our Valuable Forest Resources

- When camping, leave firewood at home. Do not transport it to campgrounds or parks.
- Use firewood in the same county or region where it was cut.
- Find local firewood at [firewoodscout.org](http://firewoodscout.org).
- Bring/buy only what you’ll need.
- Burn responsibly.

### Did You Know That Folsom Lake Campsite Firewood Sales Supports Our Mission?

The FFPA works in cooperation with the California State Parks for firewood sales at Beal’s Point and the Peninsula camping locations. The cost is only \$8 a bundle. The wood can be purchased from the camp host or the entry kiosk for each campground.



Transmitter—Official  
Newsletter of the Friends of  
the Folsom Powerhouse  
Association

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info@ffpaonline.org

Visit us at [www.ffpaonline.org](http://www.ffpaonline.org)

## Calendar of FFPA Events

### June

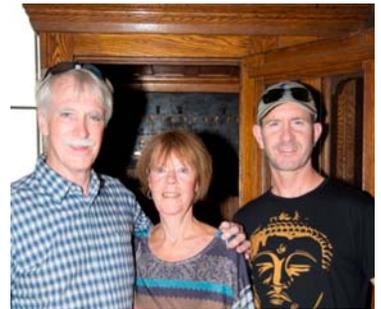
**4** — Powerfest 2016: Taps & Tunes. Help FFPA celebrate the beginning of the Sacramento region's brewing industry as well as FFPA's 31st anniversary of serving the Folsom Powerhouse Park and the California State Parks.

### September

**10** — 5th Annual Electricity Fair. Contact us if you are interested in sponsoring this community family fun day or volunteering in the planning and day of activities.

**> Email us at [info@ffpaonline.org](mailto:info@ffpaonline.org) if you are interested in volunteering for or sponsoring either of these events.**

## *Scenes from 2015 Powerfest*



Rich Lynn, Jyl Simpson  
and Greg Lynn



*Photos courtesy of Stephen Porten*