



In Bloom

A Newsletter of The Water Conservation Garden

Spring 2014

Volume 4, Number 2

www.thegarden.org

OUR MISSION

To educate and inspire through excellent exhibits and programs that promote water conservation and the sustainable use of related natural resources.

BOARD OF DIRECTORS 2014

President Elyssa Robertson
Vice President Tom Allingham

Secretary Sue Ellen Benson
Treasurer Harold Bailey

Beverly Ireland
Michelle LaGrandeur
Peggy Matarese
Cindy Miles

Cheryl Minshew
Suzie Wiest
Richard Wright

Luis Generoso
(ex officio JPA representative)

STAFF

Executive Director John Bolthouse
Educator and Butterfly Pavilion Manager Tamara Michaels

Office and Gift Shop Manager Heather Carlton
Events and Marketing Coordinator Diane Owens

Education Assistant Jillian Chu
Marketing and Events Director Elizabeth Ramos

Development Officer Lorraine Frigolet

Facilities Manager Daniel Mayorga
Horticulture and Exhibits Director Clayton Tschudy

Bookkeeper Kay McGrath
Facilities Assistant Steven Zampanti

Education Director Pam Meisner

DOCENT & VOLUNTEER LEADERSHIP

Docent President Carol Stevens
Secretary Peggy Matarese

Vice President Ellie Aitken
Historians Ellie Aitken
Jan Tubiolo

NEWSLETTER

Editor Elizabeth Ramos
Contributors Harold Bailey
Elizabeth Ramos
Elyssa Robertson

Design & Layout Julia deBeauclair

Columnists

John Bolthouse
Lorraine Frigolet
Elizabeth Ramos

The Water Conservation Garden
12122 Cuyamaca College Drive West
El Cajon, CA 92019

Tel.: (619) 660-0614 Open daily from
Fax: (619) 660-1687 9:00 am to 4:00 pm
E-mail: info@thegarden.org Free Docent Tours:
Sat. 10:30 am

Visit us at: www.thegarden.org

Follow The Garden on **facebook**

Cover photograph: Anise Swallowtail Butterfly on Lantana plant

Board President's Annual Message



Elyssa Robertson

I am honored to be selected by my fellow board members to help lead the Water Conservation Garden Board this year. 2014 will be an important year for The Garden as we contend with California's ongoing drought, expand and develop our educational programs, open new exhibits and host exciting new events.

First and foremost is our continued education of the public about water conservation. Conserving water in Southern California needs to be inherent and natural in everything we do. Our dry mediterranean climate, which receives less than 13 inches of rain a year, makes water our most precious resource. Re-aligning our focus from "drought years" to accepting that drought conditions are natural way of life in our region, will help ensure sufficient and clean water for future generations. The efficient use of water must be an ongoing

way of life for all southern Californians.

This year, we are very excited to announce two exciting initiatives: the opening of the Dorcas E. Utter Memorial Butterfly Pavilion, San Diego County's first native butterfly exhibit, and The Garden's first fundraising gala. Through a generous donation from the Dorcas Utter Family, the pavilion will showcase the beauty of native plants and the butterflies they attract, and allow the public to view these important insects up close. To support The Garden's state-of-the-art exhibits and award-winning education programs, The Garden will host its first annual "Enchanted Garden Gala" in October. Look for details about this unique event in the months ahead.

Water conservation is an integral part of our existence in the southwest and I am proud to be part of an organization that will help shape the future of water conservation in California. Thank you for your support and your good stewardship of San Diego's most precious resource.

Executive Director's Column *Answering the Call for Conservation*



The year 2013 was one of the driest on record, eliciting the January 17, 2014, announcement by California Governor Jerry Brown that our state is now officially in a drought. Having been hit hard by low water supply after two consecutive dry years and the start of a third, California has now

Path Ahead." Thanks to the input of numerous stakeholders, we were able to coalesce dozens of ideas and volumes of data, prioritize goals, and create a plan for implementation. We established a dedicated focus on those areas of The Garden's efforts that will be essential for achieving our mission. The plan was unanimously approved by The Garden's Board in late January. We are pleased to share the plan with you, now viewable on our website.

directed its water agencies to enact a statewide water conservation campaign and implement water-use reduction plans. While residents of San Diego County have cut back their water use by an incredible 27% since 2007, our county is now at Level 1 "Drought Watch," meaning that further heightened awareness must remain an essential part of our daily lives.

This is a stark reminder of why The Water Conservation Garden exists. The Garden is the premier demonstration of best practices in the wise use of water in the landscape. Our award-winning programs for children and adults offer practical, fulfilling and economically viable solutions to the challenging realities that we face as San Diegans. As we like to say, The Garden offers "more beauty with less water". We encourage the public to take advantage of this wonderful community resource.

New Faces, New Places

The Garden experienced a number of dynamic changes in its team line-up recently. In January, we elected a new slate of officers to our Board of Directors. I am grateful to my valued partnership over the last two years with outgoing President **Richard Wright**, whose leadership at The Garden has been essential to our place in the community today. I am excited to begin work with his successor, **Elyssa Robertson**, as new Board President. Elyssa's positive spirit and team-building philosophy will serve us extremely well as we pursue the goals of the new strategic plan. Finally, we are pleased to welcome **Clayton Tschudy** as our new Director of Horticulture & Exhibits (see story page 3). Clayton's experience and dynamic vision are already paying dividends as we make plans to transform areas of The Garden to meet the evolving expectations of our patrons.

Vision for The Garden's Future

We are pleased to announce the completion of The Garden's new three-year strategic plan, entitled "The

John Bolthouse
Executive Director



The Dorcas E. Utter Memorial Butterfly Pavilion Opens

In the spring of 2013, The Garden ceremoniously broke ground to kick off construction of the Dorcas E. Utter Memorial Butterfly Pavilion. One year later, an impressive 644-square-foot “vivarium” stands waiting to

welcome visitors eager to get close to some of nature's most captivating insects. The pavilion, which will house at least six species of butterflies native or endemic to southern California, was made possible through a generous donation given by the family of the late Dorcas Elizabeth Utter, one of The Garden's most dedicated and beloved docents.

The model butterfly ecosystem will offer interactive educational opportunities for thousands of children and adults annually, helping them learn about plant and animal relationships and how they can nurture and observe butterflies in their personal gardens. Inside the pavilion, visitors will find a variety of colorful, water-saving plants that provide nectar for adult butterflies, while outside the pavilion host plants will provide food for the hungry caterpillars of wild butterflies. A small amphitheater is slated for construction next to the pavilion to accommodate education programs.

Although butterfly season runs April-October, the new pavilion will be open year-round so that visitors may view the plants that are a part of the habitat and utilize the informative



Garden supporters enthusiastically participate in ribbon-cutting ceremony on March 21, 2014. Pictured (L-R): DeAna Verbeke, Carol Stevens, John Bolthouse, Joe Rich, Elyssa Robertson, Bill Verbeck, Cherrie LaPorte, Bill Utter, Deborah Utter. Not shown: Mark Zacovic, Sam Ciccati, and Brad Monroe.

signs to learn about butterflies and their life cycle. During butterfly season, the pavilion will come to life with hundreds of butterflies that visitors can see up close.

General admission, which applies only during butterfly season, is \$5 (12+ years) and \$3 (ages 5-11). Garden Members and very small children get in free.

News from the Board of Directors



Peggy Matarese (l) and Beverly Ireland

The Garden is pleased to announce a number of exciting developments for its Board of Directors for 2014.

In January, The Garden elected a new slate of officers for the 2014 term. Elyssa Robertson was selected as Board President, succeeding Richard Wright after a

very successful two-year term. Tom Allingham was named Vice President, and Harold Bailey and Sue Ellen Benson were re-elected as Treasurer and Secretary, respectively.

In addition, we welcome Peggy Matarese and Bev Ireland as the two newest members of the Board of Directors. Peggy, a San Diego native and Garden Docent, recently retired as a Colonel in the United States Air Force after thirty years of distinguished service. She received her MD from UCSD and Masters in Public Health from Harvard. Bev is owner/operator of Jasmine Creek Florist in El Cajon and Mission Hills Florist in San Diego and is an accredited member of the American Institute of Floral Designers. She has served on the boards of the California State Floral Association and the San Diego East County Chamber of Commerce.

New Director of Horticulture and Exhibits Joins Garden



Clayton Tschudy

After an intensive six-month search, The Garden welcomed Clayton Tschudy as the new Director of Horticulture and Exhibits on February 17. Clayton brings a unique blend of skills in botanical and environmental biology; design and delivery of water-wise and native landscaping education; and over ten years of experience as a landscape designer/contractor. Having studied biology at Humboldt State University with an emphasis in California

botany, Clayton is particularly knowledgeable about California's plant diversity, and the unique characteristics of southern California's ecology. His portfolio includes work on residential California landscapes from Eureka to San Diego, and public landscapes that include the native garden at Southwestern College's Botanical Garden, the upcoming Sunset Cliffs Linear Park and the redesign of Balboa Park's Zoro Butterfly Garden. Clayton will begin writing a regular column for *In Bloom* starting this summer. Welcome aboard, Clayton!

IN THE GARDEN

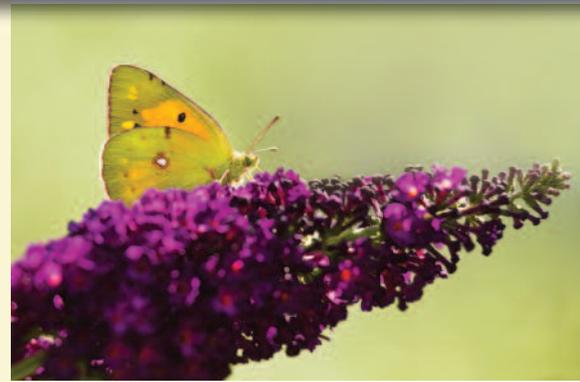
Nectar and Host Plants for Butterfly Gardens

"Hummingbirds like ice cream cones, butterflies like pizza" is a phrase often used to help gardeners remember the shapes of flowers that commonly attract each of these animals. Butterflies like "pizza" because flowers that have a flat, open shape as opposed to a conical shape (ice cream cone), allow butterflies to land and balance while they search for nectar within the flower.

There are a range of flowering plants that the estimated 170 species of butterflies in southern California can utilize for nectar.



A Monarch caterpillar dines on its host plant, *Asclepias currasavica*, or *Blood Flower*, a perennial shrub in the milkweed family. *Blood Flower*, which grows to 3 feet tall, is a Monarch host plant that does double-duty as a terrific source of nectar for adult butterflies.



A California Dogface butterfly gathers nectar from *Buddleia davidii*, or *Butterfly Bush*. This vigorous shrub grows up to 16 feet and produces honey-scented flowers that butterflies love.

These colorful plants look great

in the garden, typically use little water, and provide a delightful opportunity for observing butterflies - nature's second most prolific pollinator - as they flutter about in search of food.

Butterflies also critically need caterpillar *host plants*, and gardeners can play a helpful role by including these in their gardens. Host plants provide a place for butterflies to lay their eggs; the plant in turn serves as a food source when caterpillars (butterfly larvae) emerge. Most species of butterflies will only lay their eggs on one or a select few species of host plants, and without these plants butterfly populations suffer. The Monarch butterfly, for example, will only lay eggs on plants in the milkweed family. In San Diego, the majority of high quality native habitat west of the Laguna Mountains has been lost and nine species of butterflies are noted to be declining in numbers; two of these are listed as threatened or endangered by the US federal government. The primary reason for the decline of butterflies is habitat destruction due to urbanization, off-road vehicles, and wildfires.

Butterflies also critically need host plants, and gardeners can play a helpful role by including these in their gardens.

Planting host plants as well as nectar plants not only helps butterfly populations, it also allows the gardener to learn first-hand about the butterfly life cycle. Female butterflies that sip nectar in a garden will stick around to lay eggs on available host plants. These eggs spawn hungry caterpillars that will transform into chrysalises from which will emerge new generations of butterflies. The lucky and observant gardener who has provided both nectar and host plants gets to witness it all.

To learn more about creating a butterfly garden at home, visit the new Dorcas E. Utter Memorial Butterfly Pavilion, which showcases drought-tolerant nectar and host plants

and the butterflies that love them. A butterfly garden plant list is available at www.thegarden.org.



WEDDINGS • RECEPTIONS • CORPORATE EVENTS • BIRTHDAY PARTIES • MEMORIALS

Imagine Your Event at The Garden

From weddings, to corporate events, to birthday parties, The Garden has beautiful outdoor settings to complement any occasion. Celebrate your special occasion in an enchanting and natural environment.



619-660-0614 x10 heather@thegarden.org – Venue bookings: Heather Carlton – To view a 720° virtual tour of our venue, visit thegarden.org.

BECOME A GARDEN DOCENT THIS SPRING! DOCENT TRAINING PROGRAM APRIL 19 & 26, 12-4PM



Learn to lead tours of The Garden, help maintain the landscape, volunteer for special events, or even join Team Butterfly! There are many ways to get involved, and training is provided. Applicants to the docent training program must be current members of The Garden to participate.

For more information, please contact Pam Meisner at pam@thegarden.org or 619-660-0614 x13.

SAVE THE DATE

Enchanted Garden Gala

JOIN US FOR A MAGICAL EVENING of distinctive entertainment and ambience, where each turn of The Garden's paths will reveal something more enchanting than the last. An exquisite seated dinner will be accompanied by a silent auction and live program. Proceeds benefit The Garden's educational programs and exhibits.

Saturday, October 18, 2014



FLAVORS OF THE GARDEN

Sweet Basil Vinaigrette

Recipe courtesy *Southern Living*, April 2012

Ingredients

- 1/3 cup red wine vinegar
- 2 shallots, chopped
- 3 tablespoons sugar
- 3 tablespoons chopped fresh basil
- 1 tablespoon fresh lemon juice
- 2 teaspoons Dijon mustard
- 3/4 teaspoon freshly ground pepper
- 1/2 teaspoon salt
- 3/4 cup canola or olive oil

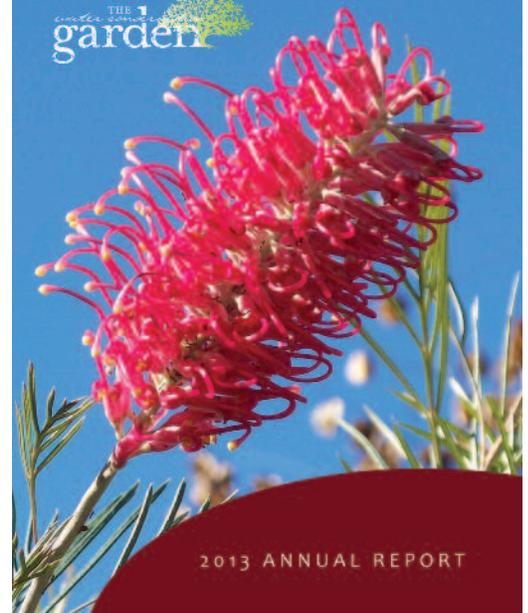
Preparation

Process first 8 ingredients in a blender until smooth. With blender running, add oil in a slow, steady stream, processing until smooth.



To read The Garden's 2013 Annual Report, visit www.thegarden.org

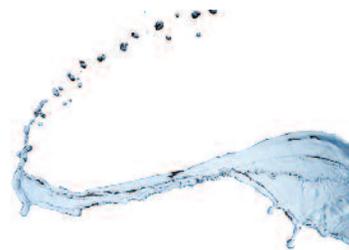
THE GARDEN



2013 ANNUAL REPORT

CONSERVATION IN ACTION

An Interview with Ken Weinberg, Director of Water Resources, San Diego County Water Authority



Ken Weinberg

Q: Why is southern California faring better in the current drought than northern California?

A: The drought is a very serious situation for many areas in the state and is impacting certain areas more severely and more immediately than in southern California because we have spent the last 20 years making investments in water reliability. We are all paying more for water because of it, but our investments have allowed us to be in better shape. However, we are one state and being more efficient with imported supplies will not only help the farmers, residents, and businesses in northern California, but can also help us because we are dependent upon what we have in reserves.

Q: What goes into long-term water supply planning for our region?

A: San Diego County currently uses over 600-thousand acre-feet* of water annually. The foundation of long-term water supply planning is diversification of all of our supplies to meet that need. Water transfer with the Imperial Irrigation District was one of the cornerstones of that plan. Canal linings of the All American Canal and Coachella Canal, and taking water conserved from these initiatives and bringing it to San Diego help make our imported supply more reliable. Recycled water, brackish groundwater recovery, and seawater desalination are the local water supply components that in the long term will make us more reliable, as will being more efficient with water in both homes and businesses. All of that together is how you get to water reliability, and it is a long-term, ongoing endeavor.

Q: What do you think remains the biggest reason why homeowners might be still using too much water in the landscape?

A: Not maintaining their irrigation systems, not adjusting irrigation systems to water for the right amount of time, or the right time of day, or in the right places. People need to remember that it's not necessary to have plants that are not appropriate for our climate. You can get the same aesthetic value from plants that are water-efficient and appropriate for our region. The Water Conservation Garden serves a really important purpose in demonstrating the different landscape choices available to people.

Q: What is the water authority's plan to continue to keep water conservation in the forefront of San Diegans' minds well into the future?

A: The WaterSmart (watersmartsd.org) campaign is a long-term objective geared to long-term water-use efficiency. State law requires us to reduce our water use by 20% by 2020, and we assume that this is going to continue beyond 2020. We are here to support long-term conservation gains and continue to enhance our supply reliability. Part of that reliability is people being efficient with water use and we are here to support them in doing so any way that we can.

Q: Was there an "aha" moment in your personal or professional life that caused you to be a proponent of water conservation?

A: It was the drought of 1987-1992, when I first got involved in the water industry and we were facing 50% cutbacks in water supply and had nowhere else to turn. We couldn't build our way out of the problem. It was either use less water or don't move forward. I saw that we were able to reduce water consumption fairly quickly and by a large volume, which showed me that we had been wasting water when we couldn't afford to, and that conservation was a key component of supply reliability.

**One acre-foot is about 326,000 gallons, or enough water to cover one acre to a depth of one foot. An acre-foot can supply the average household needs of two four-person families for one year.*

Incentives, Programs & Classes

Our partner water agencies offer incentives, programs and classes to help you save water indoors and out! For information, check the websites listed below and be sure to check your local water agency's website too.

WaterSmartSD.org

SoCalWaterSmart.com



FREE WaterSmart Landscape Makeover Workshop Series*

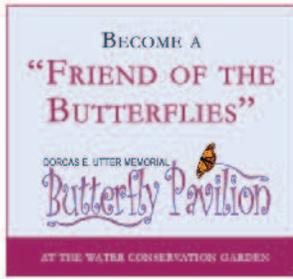
Now accepting applications!

Each series of four classes is held at the same location. The starting dates and locations are:

- **March 12** – Hunter Industries (San Marcos)
- **March 29** – Southwestern College (Chula Vista)
- **April 30** – San Diego Gas & Electric's Energy Innovation Center (Kearny Mesa)
- **May 3** – San Diego Botanic Garden (Encinitas)
- **May 10** – Cuyamaca College/The Water Conservation Garden (El Cajon)

**Certain criteria apply. More information at: landscapemakeover.watersmartsd.org.*

FOCUS ON PHILANTHROPY



WE INVITE YOU TO JOIN THE "FRIENDS OF THE BUTTERFLIES"!
Honor the legacy of a friend or loved one and help ensure that the Dorcas E. Utter Memorial Butterfly Pavilion serves as a center of wonder and learning for generations. Donors will receive a handcrafted, custom-engraved glass butterfly to be displayed permanently in the Butterfly Pavilion Donor Tree.

For more information, please contact Lorraine Frigolet at lorraine@thegarden.org or visit www.thegarden.org.

The Garden is thankful for ongoing financial and organizational support from the members of our Joint Powers Authority.



Friends of the Butterflies



Thomas Allingham	Jim & Cheryl Minshew
Sue Ellen Benson	Mountain States Wholesale Nursery
John Clifford	Gaylord & Jill Norcross
Tony Embrey	The Docents of The Water Conservation Garden
Fortress Fence & Landscaping	Verbeck Foundation
Steve & Eleanor Garnet	Village Nurseries

The Garden thanks the following Corporate Members for their ongoing support:

Backflow Services	Otay Water District
Baldwin & Sons	San Diego County Water Authority
Bennett & Associates	SDG&E
City of San Diego	Resource Conservation District of
Helix Water District	Greater San Diego
Nolte Associates	Sweetwater Authority

For more information on Corporate Membership, please visit www.thegarden.org or contact Lorraine Frigolet at 619-660-0614 x15.

The following donors generously contributed to The Garden during December 2013 - February 2014

\$1,000 and above	\$100-\$499	Jim & Sally Long	\$5-\$99	Paul & Isabel Guidice
Sue Ellen Benson	Richard & Donna Bartlett-May	Anne Mayer Family	Ron Anderson & Nancy Mariani-Anderson	Florence Koga
Tony Embrey	David & Paula Block	Dr. Cindy Miles	Garriane Bradt	La Jardineras
Kay & Vince McGrath	John & Melissa Bolthouse	Jane Minshall	Connie Charles	Gerald & Janet Mulder
Jim & Cheryl Minshew	David & Betsy Buckner	Pacific Green Landscape	Margaret Tyler & Eddie Cisco	George Murphy
Richard Wright	Sam Ciccati	Jerry & Betty Rivaldi	Constance Cline	Jack & Helen Ofield
\$500-\$999	Alan and Frances Cornell	Harold & Bep Stier	Victoria Cohen	David & Sandra Polster
Anonymous	Linda Craddock	Nan Sterman	Mike Coit	Kenneth Renstrom
Tom Allingham	Ellen Downing	Marty & Tim Sullivan	Ken Curtis	Julie Rone
Harold & Mary Jane Bailey	Marty Eberhardt and Phil Hastings	Len & Jan Trentacosta	Charlotte De La Haba	Joan & Ray Singer
William Encell	Betty Evans	DeAna Verbeke	Julia deBeauclair	Don & Virginia Smith
Elyssa Roberts & Family	Carol Fasching	Mark Watton	Rosalie Dosik	Tim & Rhonda Taylor
Carol Jeanne Rusthoven	Nancy Fasset	Jeffrey Wynne	Luana Duprey	Gregory Villard
SDG&E	Susan Grayson		Richard Geissler & Vickie Moody-Geissler	Joy and Don Walsh
David Welborn & Stephanie Brownell	Michelle LaGrandeur		Norman & Patricia Gillespie	Sauna Walvatne
	John Linden & Elissa Linden Anderson		Todd & Jan Goldberg	Larry & Jessica Wilson
			Christy Griffin	

New Members December 2013 - February 2014

California Wild Grape	Ralph Martinez & Paula Forbis	Individual	Richard Smith	Denise Schulmeyer
Irene McCormack Jackson	John & Eileen Poole	Shannon Hall	Julie Houser	Jane Davies
William & Stephen Mackey	Jean Paul Grasset & Judy Reilly	Mary Kay Panek	Terri Hupp	Troy Murphree
Leo Atherton	Floyd & Paula Rainey	Kazumi Kato	Kathy Hunt	
Alexandra Engebretson	Harold & Sheri Todus	Linda Q Smith	Pat Waggoner	Student/Military
Chris & Julia Tollafeld	Rachele Melious & Melissa Tarakowski	Diane Hart	James Heitkotter	William Richter
Judie Lincer	Dona & Pat Spear	Linell Maloney	Yvonne Grochowski	Monica Bockman
Family	Steven Kinney & Laura Perry	Diane Owens	Doris Nelson	Michelle Bernson
Jon and Patricia Rollins	Matt & Denise Scheil	Karen Johnson	Nora Greife	
Michael and Sharon Mello	Steve & Susie Dentt	Gay Young	Terri Armour	
		Fred Wong	Robin Scher	



12122 Cuyamaca College Drive West
El Cajon, CA 92019

Tel.: (619) 660-0614
Fax: (619) 660-1687

www.thegarden.org

Non-Profit Org.
U.S. Postage
PAID
El Cajon, CA
Permit 330

Forwarding Service Requested



**POINT LOMA
CREDIT UNION**

Guiding you to your future.

**Catching Rays
Saves**

**GREEN LIVING
LOAN**

As low as

5.49% APR*

Up to \$50,000

Our Green Living Loan, now with longer terms for lower payments, makes energy efficient upgrades affordable: Solar panels; dual-pane windows; energy-efficient, single-phase air conditioning and/or heating systems and Energy Star appliances.

780 Jamacha Road, El Cajon, CA 92019

jgrundon@plcu.com

Jeanette Grundon

Branch Manager

619-401-9422

Federally insured
by NCUA



* All loans subject to credit approval. All rates, terms and conditions subject to change without notice. Rate quoted effective 2/10/14. Monthly payment per \$1,000 borrowed for 120 months on a \$10,000 loan at 5.49% APR = \$10.85. Rate shown includes 50-basis point PLCU Relationship Rewards discount. For all loan amounts above \$15,000 a courtesy lien will be placed on the property upon which solar equipment is being installed.