

Cameron Park Community Services District  
2502 Country Club Drive  
Cameron Park, CA 95682



**Solar Energy Ad Hoc Committee**  
**Thursday, March 7, 2019**  
**5:00 p.m.**  
**2502 Country Club Drive, Cameron Park**

**Agenda**

Members: Chair Dan Enright (DE), Vice Chair Glenn Rambach (GR),  
Director Margaret Mohr (MM), Director Monique Scobey (MS), Eric Aiston (EA)

Staff: General Manager Jill Ritzman, Parks Superintendent Mike Grassle

**CALL TO ORDER**

**ROLL CALL**

**ADOPTION OF AGENDA**

**APPROVAL OF CONFORMED AGENDA**

**OPEN FORUM**

*At this time, members of the Committee or public may speak on any item not on the agenda that falls within the jurisdiction of this Committee; however, no action may be taken unless the Committee agrees to include the matter on a subsequent agenda.*

*Principal party on each side of an issue (where applicable) is allocated 10 minutes to speak, individual comments are limited to four minutes and individuals representing a group allocated five minutes. Individuals shall be allowed to speak to an item only once. The Committee reserves the right to waive said rules by a majority vote.*

**DEPARTMENT MATTERS**

**PUBLIC COMMENT**

*Public testimony will be received on each agenda item as it is called. Principal party on each side of an issue (where applicable) is allocated 10 minutes to speak, individual comments are limited to four minutes and individuals representing a group allocated five minutes. Individuals shall be allowed to speak to an item only once. The Committee reserves the right to waive said rules by a majority vote.*

1. Enpro Presentation
2. Purpose of Committee
3. Options For Moving Forward
4. Future Meeting Calendar
5. Items for Next & Future Committee Agendas
6. Items to take to the Board of Directors

**MATTERS TO AND FROM COMMITTEE MEMBERS**

**ADJOURNMENT**



**Solar Energy Ad Hoc Committee**  
**Friday, February 22, 2019**  
**4:00 p.m.**  
**El Dorado Hills CSD**  
**1021 Harvard Way, El Dorado Hills**  
**Conformed Agenda**

Members: Chair Dan Enright (DE), Vice Chair Glenn Rambach (GR),  
Director Margaret Mohr (MM), Director Monique Scobey (MS), Eric Aiston (EA)

Staff: General Manager Jill Ritzman, Parks Superintendent Mike Grassle

**CALL TO ORDER** – 4:08pm

**ROLL CALL** – MM/MS/DE/GR/EA

**ADOPTION OF AGENDA** - *Approved*

**APPROVAL OF CONFORMED AGENDA** - *Approved*

**OPEN FORUM**

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**DEPARTMENT MATTERS**

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## **1. Tour of El Dorado Hill CSD Facilities (Kevin Loewen)**

- *Met with El Dorado Hills Community Services District General Manager, Kevin Loewen. He spent time describing the solar process and talked about solar financing through an RFP. EDH solar is estimated to generate 480,000kwh. Enpro is providing the solar installation for El Dorado Hills. He also spoke about the conversion of LED technology to offset the amount of solar panels needed for the project.*
- *Committee recommended looking into installing a variable speed pump to operate the Lagoon at Cameron Park Lake.*
- *Committee would like to look at designating Sandpiper open space to place solar panels for the District.*
- *Kevin Loewen is inviting Enpro to attend the March 7<sup>th</sup> Solar Energy Ad Hoc Committee Meeting to present and answer questions.*
- *Glen Rambach was given 1 year of District PG&E bills to review.*
- *El Dorado Hills created a spreadsheet to calculate solar usage and kwh needed to offset the PG&E usage. The committee asked District staff to come up with 7-10 years of PG&E bills to input in the EDH spreadsheet. Mike Grassle and Kevin Loewen will meet at a future date to input this data.*

## **2. Future Meeting Calendar**

- March 7<sup>th</sup> at 5pm Cameron Park Community Center.

## **3. Items for Next & Future Committee Agendas**

- *Enpro Presentation*

## **4. Items to take to the Board of Directors**

### **MATTERS TO AND FROM COMMITTEE MEMBERS**

### **ADJOURNMENT – 5:00pm**

3/7/19 Solar Ad-Hoc  
HANDOUT

How much is captured over a period of time  
6 Homes

Community Center	Billing period			Average power (kW)	Total energy (kWh)
	From	12/19/2017			
	To	1/17/2019			
Best month \$2946.44	Best day	12/25/2017		380	15.83
	Month ave.			583	24.29
	Worst day	1/18/2018		720	30.00
2018 total \$78,249.29	Worst month \$11,088.06	Best day	8/12/2018	1050	43.75
		Month ave.		1449	60.38
		Worst day	7/25/2018	1750	72.92

Rasmussen Park	Billing period			Average power (kW)	Total energy (kWh)
	From	12/23/2017			
	To	1/24/2019			
Best month \$59.69	Best day		No variation	6.47	0.27
	Month ave.			6.47	0.27
	Worst day			6.47	0.27
2018 total \$1,845.93	Worst month \$282.42	Best day	7/30/2018	21	0.88
		Month ave.		40.9	1.70
		Worst day	8/9/2018	48	2.00

Lake Shop	Billing period			Average power (kW)	Total energy (kWh)
	From	12/23/2017			
	To	1/24/2019			
Best month \$256.93	Best day	10/28/2018		25	1.04
	Month ave.			32.17	1.34
	Worst day	11/15/2018*		45	1.88
2018 total \$25,117.58	Worst month \$8870.60	Best day	6/30/2018	1000	41.67
		Month ave.		1056.4	44.02
		Worst day	7/9/2018	1100	45.83
Jan to May \$1,939.70	*1 very bad day in Best Mo.		10/25/2018	150	6.25
May-Dec \$23,177.88					

Fire Station 88	Billing period			Average power (kW)	Total energy (kWh)
	From	12/23/2017			
	To	1/24/2019			
Best month \$187.48	Best day	2/8/2018		20	0.83
	Month ave.			28.9	1.20
	Worst day	1/24/2018		41	1.71
2018 total \$3,807.78	Worst month \$568.97	Best day	7/19/2018	50	2.08
		Month ave.		73.17	3.05
		Worst day	7/4/2018	85	3.54

Lake Gazebo & Restrooms	Billing period		Average power (kW)	Total energy (kWh)	
	From	12/23/2017			
	To	1/24/2019			
Best month \$95.10	Best day	12/24/2018	12	0.50	
	Month ave.		13.47	0.56	
	Worst day	12/5/2018	19.5	0.81	
2018 total \$2,189.30	Worst month	Best day	8/21/2018	15	0.63
	\$354.57	Month ave.		49.12	2.05
		Worst day	7/4/2018	74	3.08