



**Hidden Valley Lake Community Services District
FLASHES Project Committee Meeting
Wednesday, October 14, 2026 – 2:30 PM
19400 Hartmann Road, Hidden Valley Lake, CA**

The agenda and all supporting documents are available for public review at 19400 Hartmann Road, Hidden Valley Lake, CA 95467, 72 hours in advance of each regularly scheduled meeting. Materials related to any items on this agenda submitted to the Board after distribution of the agenda, and not otherwise exempt from disclosure, will be made available for public review during normal business hours.

Assistance for Disabled: If you are disabled in any way and need accommodation to participate in the meeting, please call the Clerk of the Board at 707-987-9201 so the necessary arrangements can be made.

1. Opening Greeting

- a. Call to Order
- b. Roll Call:
- c. Pledge of Allegiance
- d. Approval or Amendment of the Agenda

2. Public Discussion

The public is welcomed and encouraged to address the Board at this time on matters not on the agenda. Please be advised that pursuant to Government Code Section 54954.2, the Board is not permitted to act on any matter not on the agenda unless it determines an emergency exists or the need to take action arose after the posting of the agenda. This period will be limited to thirty minutes and individual speakers will be limited to five minutes.

3. Discussion and Possible Recommendation:

- a. Microgrid Incentive Grant Program Update
- b. Update from Trane and TerraVerde on FLASHES Feasibility Study
- c. PG&E Media Advisory Notification

4. Discussion and Possible Recommendation: Due to Veterans Day Holiday, November FLASHES Project Committee Meeting Will Occur On, Tuesday November 10, 2026 at 2:30pm

5. Public Comment

6. Committee Member Comment

7. Adjourn

Firemain Linked Auxiliary Supply/Hydraulic Energy Storage (FLASHES) Project

- **In progress:** Hydrological work plan development and permitting, executing final easement agreement, land surveying, engineering site visits and groundbreaking planning, preliminary turbine and generator selection, and interconnection work plan development.
- **9/9/26:** The FLASHES Committee sent a letter to the Lake County Energy Committee to encourage a joint meeting to discuss future collaboration activities.
- **Upcoming:** Project ribbon cutting ceremony on 10/15/26.

REIMBURSABLE MIP FUNDS

Grant Amount		Expenditures		Balance
\$3,243,348.00	-	\$745,264.36	=	\$2,498,083.64

MIP Funds Reimbursed to Date

\$0



Eligible MIP Expenditures		Non-Eligible MIP Expenditures		Overall MIP Project Expenditures
\$745,264.36	+	\$17,500.00	=	\$762,764.36

**TRANE®**Trane U.S. Inc.
2313 S 20th Street
La Crosse, WI 54601
United States

Invoice

Invoice Number **316080788**

For questions please contact:

Sacramento TCS SO, CA

Tel: 916-577-1100

Fax: 916-577-1175

Remit Payment ToTrane U.S. Inc.
P. O. Box 98167
CHICAGO, IL 60693Invoice Date **17-SEP-2026**Customer No. **983050**Reference No. **X211677**Internal Account **4209107**Payment Terms **.5%10 NET30**Payment Due Date **17-Oct-2026**Discount Date **27-Sep-2026****Bill To**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT
19400 HARTMANN ROAD
HIDDEN VALLEY LAKE, CA 95467
UNITED STATES

Customer Tax ID

Inco Terms	
Supply Location	Sacramento TCS SO, CA
Shipping Method	
Tracking No.	
Freight Terms	
Bill of Lading	

-1

Sold ToHIDDEN VALLEY LAKE COMMUNITY
HIDDEN VALLEY LAKE COMMUNITY S
19400 HARTMANN ROAD
HIDDEN VALLEY LAKE, CA 95467
UNITED STATES**Ship To**19400 HARTMAN
HIDDEN VALLEY LAKE, CA 95467**PAY NOW:** <https://www.tranetechnologies.com/customer/rms-paynow>
To pay this invoice now, click the link above. (Enter Customer No & Invoice Number)<https://www.tranetechnologies.com/customer>**CERTifyTax** - for submittal of tax exemption certificates.**Receivables Management System** - Securely access invoices & make payments.

Tax/GST ID: 25-0900465	State Tax: 0.00 0.0000%	County Tax: 0.00 0.0000%	City Tax: 0.00 0.0000%	District Tax: 0.00 0.0000%
PST/QST ID:	CA	LAKE	HIDDEN VALLEY LAKE	

Currency	Subtotal	Special Charges	Tax	Freight	Total
USD	329425.00	0.00	0.00	0.00	329425.00

Special Instructions	Hidden Valley Lake Flashes MIP
-----------------------------	--------------------------------

Contract No.	Contract Date	Ship Date	Purchase Order
CID00138444	16-MAR-2026	31-AUG-2026	Signed Agreement

Application No. **05** for work completed thru **31-AUG-2026**

1. ORIGINAL CONTRACT SUM:	\$3,047,167.00	4. TOTAL COMPLETED & STORED TO DATE:	\$743,905.00
2. NET CHANGE BY CHANGE ORDERS:	\$0.00	a. Percentage Completed:	24.41%
3. CONTRACT SUM TO DATE:	\$3,047,167.00	5. RETAINAGE:	
		a. 0.00% of Completed Work:	\$0.00
		b. % of Stored Material:	\$
		Total Retainage:	\$0.00
		6. TOTAL EARNED LESS RETAINAGE:	\$743,905.00
		7. LESS PREVIOUS REQUESTS FOR PAYMENT:	\$414,480.00

Sections Included: Summary Sheet and Detail
Sheet(s)

8. CURRENT PROJECT PAYMENT DUE:	\$329,425.00
(Before Applicable Sales Taxes)	
9. Applicable Sales Taxes:	\$0.00
10. Amount Due This Requisition:	\$329,425.00
Currency: USD	
PLEASE REFERENCE NUMBER 316080788 WITH YOUR PAYMENT	

APPLICATION AND CERTIFICATION FOR PAYMENT (SUMMARY SHEET)

Invoice: 316080788

To: HIDDEN VALLEY LAKE COMMUNITY CONTRACT HIDDEN VALLEY LAKE FLASHES MIP
SERVICES DISTRICT NAME:

APPLICATION NO: 05
APPLICATION DATE: 17-SEP-2026
PERIOD TO: 31-AUG-2026
CUST PO NO: Signed Agreement

From: Trane
4145 DEL MAR AVENUE
ROCKLIN, CA 95677

CONTRACT 19400 HARTMAN
LOCATION: HIDDEN VALLEY LAKE, CA 95467

CONTRACT DATE: 16-MAR-2026
CONTRACT NO: CID00138444

APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract.

1 ORIGINAL CONTRACT SUM:	\$3,047,167.00
2 NET CHANGE BY CHANGE ORDERS:	\$0.00
3 CONTRACT SUM TO DATE (Line 1 +/- 2)	\$3,047,167.00
4 TOTAL COMPLETED & STORED TO DATE: (Column G on Detail Sheet)	\$743,905.00
5 RETAINAGE:	
a. 0.00% of Completed Work: (Columns D + E on Detail Sheet)	\$0.00
b. % of Stored Material: (Column F on Detail Sheet)	\$
Total Retainage: (Line 5a+5b or Total in Column I of Detail Sheet)	\$0.00
6 TOTAL EARNED LESS RETAINAGE: (Line 4 less Line 5 Total)	\$743,905.00
7 LESS PREVIOUS CERTIFICATES FOR PAYMENT: (Line 6 from prior Certificate)	\$414,480.00
8 CURRENT PAYMENT DUE: (Before Applicable Sales Taxes)	\$329,425.00
9 BALANCE TO FINISH, INCLUDING RETAINAGE: (Line 3 less line 6)	\$2,303,262.00

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months	\$0.00	\$0.00
Total approved this Month	\$0.00	\$0.00
TOTALS	\$0.00	\$0.00
NET CHANGE BY CHANGE ORDERS:	\$0.00	

The undersigned Company Certifies that to the best of the Company's knowledge, information and belief, the work covered by this Application For Payment has been completed in accordance with the Contract Documents, and that current payment shown herein is now due

COMPANY: Trane

BY: _____ Date: _____

State of:
County of

Subscribed and sworn to before

Me this _____ day of _____

My Commission expires: _____

CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the undersigned company Certifies that to the best of their knowledge, information and belief, the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the company indicated above is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$329,425.00

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Detail Sheet that are changed to conform to the amount certified.)

CERTIFIER: _____
BY: Hannah Davidson Date: 9/22/26

ACCEPTANCE: _____
BY: Pae Kelly Date: 9/28/26

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the company named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the party under this Contract.

A credit card surcharge may apply to credit card payments, where permitted by law, and will not exceed the cost of acceptance

DETAIL SHEET

Invoice: 316080788

APPLICATION AND CERTIFICATE FOR PAYMENT,
Containing Certification is attached

APPLICATION NO: 05
APPLICATION DATE: 17-SEP-2026
PERIOD TO: 31-AUG-2026

CUST PO NO: Signed Agreement
CONTRACT DATE: 16-MAR-2026
CONTRACT NO: CID00138444

A	B	C	D	E	F	G		H	I
No.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE (D+E+F)	%(G/C)	BALANCE TO FINISH (C-G)	RETAINAGE
			FROM PREVIOUS APPLICATION (D +E)	THIS PERIOD					
1	Real Estate - Land Options	285,600.00	144,000.00	101,600.00		245,600.00	85.99%	40,000.00	0.00
2	ENG - Survey	43,200.00	15,500.00	10,500.00		26,000.00	60.19%	17,200.00	0.00
3	ENG - Geotech	108,273.00	10,000.00	5,273.00		15,273.00	14.11%	93,000.00	0.00
4	ENG - Site Plan	5,300.00	0.00	1,300.00		1,300.00	24.53%	4,000.00	0.00
5	ENG - Road/Sitework Prelim	2,100.00	0.00	600.00		600.00	28.57%	1,500.00	0.00
6	ENG - Foundation Spec	3,100.00	0.00	900.00		900.00	29.03%	2,200.00	0.00
7	ENG - Civil Cost Estimate	3,400.00	0.00	600.00		600.00	17.65%	2,800.00	0.00
8	ENG - Pipeline Materials Selec	1,800.00	0.00	0.00		0.00	0.00%	1,800.00	0.00
9	ENG - Prelim Tank Criteria	2,000.00	0.00	0.00		0.00	0.00%	2,000.00	0.00
10	ENG - Prelim Pump Selection	2,600.00	0.00	0.00		0.00	0.00%	2,600.00	0.00
11	ENG - Prelim Hydraulic Single	2,500.00	0.00	0.00		0.00	0.00%	2,500.00	0.00
12	ENG - Mechanical Cost Est.	5,300.00	0.00	500.00		500.00	9.43%	4,800.00	0.00
13	ENG - Local Power Gen Permit	4,100.00	0.00	0.00		0.00	0.00%	4,100.00	0.00
14	ELEC - Prelim Turbine/Gen Sel	2,250.00	560.00	750.00		1,310.00	58.22%	940.00	0.00
15	ELEC - Prelim Motor/Drive Sel	2,250.00	560.00	750.00		1,310.00	58.22%	940.00	0.00
16	ELEC - Switchyard Cost Est	5,560.00	0.00	1,560.00		1,560.00	28.06%	4,000.00	0.00
17	ELEC - Tie Line Cost Est	4,300.00	0.00	1,300.00		1,300.00	30.23%	3,000.00	0.00
18	ELEC - Substation Cost Est	4,890.00	0.00	1,890.00		1,890.00	38.65%	3,000.00	0.00
19	ELEC - Prelim PV Layout	3,750.00	825.00	925.00		1,750.00	46.67%	2,000.00	0.00
20	HYDRO - Work Plan Development	159,800.00	32,000.00	37,800.00		69,800.00	43.68%	90,000.00	0.00
21	HYDRO - Test Well	545,950.00	0.00	0.00		0.00	0.00%	545,950.00	0.00
22	HYDRO - Pump Test/Report	40,050.00	0.00	0.00		0.00	0.00%	40,050.00	0.00
23	FERC - NOI Application Prep	14,356.00	0.00	0.00		0.00	0.00%	14,356.00	0.00
24	ENV - Expanded BRSS	68,700.00	3,400.00	5,300.00		8,700.00	12.66%	60,000.00	0.00
25	ENV - Draft EIR/Neg Dec	125,060.00	0.00	0.00		0.00	0.00%	125,060.00	0.00
26	ENV - Community Outreach	9,922.00	0.00	0.00		0.00	0.00%	9,922.00	0.00
27	INT CONN - Work Plan Dev	96,500.00	9,650.00	16,850.00		26,500.00	27.46%	70,000.00	0.00
28	INT CONN - Elec Engineering	87,500.00	4,350.00	19,150.00		23,500.00	26.86%	64,000.00	0.00
29	INT CONN - WDT App Dev	85,750.00	8,565.00	14,185.00		22,750.00	26.53%	63,000.00	0.00

A credit card surcharge may apply to credit card payments, where permitted by law, and will not exceed the cost of acceptance

983050-3128548

DETAIL SHEET

Invoice: 316080788

APPLICATION AND CERTIFICATE FOR PAYMENT, Containing Certification is attached		APPLICATION NO: 05	CUST PO NO:	Signed Agreement
		APPLICATION DATE: 17-SEP-2026	CONTRACT DATE:	16-MAR-2026
		PERIOD TO: 31-AUG-2026	CONTRACT NO:	CID00138444

A	B	C	D	E	F	G		H	I
No.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE (D+E+F)	%(G/C)	BALANCE TO FINISH (C-G)	RETAINAGE
			FROM PREVIOUS APPLICATION (D +E)	THIS PERIOD					
30	INT CONN - CAISO App Dev	55,750.00	5,570.00	9,480.00		15,050.00	27.00%	40,700.00	0.00
31	INT CONN - WDT App Review	163,680.00	0.00	0.00		0.00	0.00%	163,680.00	0.00
32	INT CONN - FCDS App Review	145,800.00	0.00	0.00		0.00	0.00%	145,800.00	0.00
33	Trane Project Administration	956,076.00	179,500.00	98,212.00		277,712.00	29.05%	678,364.00	0.00
	TOTAL	3,047,167.00	414,480.00	329,425.00		743,905.00	24.41%	2,303,262.00	0.00

A credit card surcharge may apply to credit card payments, where permitted by law, and will not exceed the cost of acceptance





**Pacific Gas and
Electric Company®**

Marketing & Communications | 415.973.5930 | www.pge.com

****Media Advisory****

PG&E and Lake County Leaders to Mark Early Milestone for Proposed Community Microgrids

Oct. 15 event will launch geotechnical work supporting evaluation of innovative energy and wildfire resilience projects

WHAT: Local leaders, community organizations and project partners will gather for a ribbon-cutting ceremony marking the start of geotechnical core boring at the proposed Hidden Valley Lake Microgrid site.

- The work represents an early step in evaluating the feasibility of three proposed, community-driven microgrids in Lake County: Hidden Valley Lake, North Lakeport and Upper Lake. The projects are exploring a pumped hydroelectric storage system known as Firemain Linked Auxiliary Supply/Hydraulic Energy Storage, or FLASHES.
- The proposed system would use solar energy during off-peak hours to pump water to an elevated tank. When electricity is needed, the water could flow downhill through a turbine to generate power. The stored water could also support firefighting operations, potentially strengthening both energy and wildfire resilience for Lake County communities.
- The event is hosted by Trane Technologies, the projects' technical developer. Funding from Pacific Gas and Electric Company's Microgrid Incentive Program and Community Microgrid Enablement Program is supporting the upfront geological and environmental studies required to assess the projects' feasibility.
- Significant environmental review, engineering, permitting and development work remains before any of the proposed microgrids could become operational.

WHO: Expected speakers and participants include representatives from:

- Trane Technologies
- PG&E
- Hidden Valley Lake Community Services District
- County of Lake
- Local and state government officials
- Fire and emergency-response organizations
- Community and project partners

WHEN: Thursday, Oct. 15, 2026

- 10:30 to 11:15 a.m.: Remarks
- 11:15 to 11:45 a.m.: Ribbon cutting, photos and media interviews

WHERE: 16050 Highway 29, Hidden Valley Lake, California

CONTACT: Paul Doherty, paul.doherty@pge.com, 415-238-3003

About PG&E: Pacific Gas and Electric Company, a subsidiary of [PG&E Corporation](http://www.pge.com) (NYSE:PCG), is a combined natural gas and electric utility serving more than 16 million people across 70,000 square miles
Public

in Northern and Central California. For more information, visit www.pge.com/ and <http://www.pge.com/about/newsroom/>.

DRAFT