Payment to Agency Re	port	A Public Do	cument		PAYMENT TO AGENCY REPORT
1. Agency Name California Energy Comr	nission			Date Stamp	California 801
Division, Department, or Regi					For Official Use Only
Energy Assessments D	ivision				
Street Address					
715 P Street Sacramen	to, CA 95814				
Area Code/Phone Number	Email			Amendment (expl	ain in comment section)
(916) 508-9014	= :	n@energy.ca.go	v	_	
Agency Contact (name and	,			Date of Original Filing	g: (month, day, year)
Xieng Saephan, Office	Technician				
2. Donor Name and Addres	S				
☐ Individual			☑ Other _	National Association	on of State Energy Off
1300 North 17th Street,		t Name Arlington		VA	Name <b>22209</b>
Address	Suite 121	City		State	Zip Code
Nonprofit organization. The	v represents the (	Governor-designate	d enerav of	ficials from each o	f the states.
If "Other" is marked, describe the entity's	•				
S 16 P L					
If applicable, id	entity the name of o	each source and the a	mount(s) red	ceived by the donor f	or this payment:
Name	\$	Amount		Name	\$Amount
				Name	Amount
3. Payment Information (Co	=	ns 3.1 (a or b), 3.	2, 3.3)	0.4.104	2/2224 24/25/2224
3.1 (a) Travel Payment	Irvine, CA	Location of Travel		01/23	3/2024 - 01/25/2024
Southwest		Location of mavei		□ Other Hilto	Dates (month, day, year)
Transportation Provider			☐ Auto	Other Tillo	Name of Lodging Facility
·	242.56	Check Applicable Boxe 1,116.86		25.19	2,654.68
\$	Meal Expenses	\$T, ITO.OO Transportation Exper	<u> </u>	Other Expenses	\$
3.1 (b) Payment(s) not rela	p			\$	
o. r (b) r dyment(s) not rele	ited to traver.	Ē	ates (month, da	 y, year)	Total Expenses
3.2. Payment Description.	Provide a speci	ific description of t	he pavme	nt and its agency	purpose and use.
The National Association The final post-travel for schedule. Please see a 3.3. Identify the officials w	m will include t ttached file for	the conference s breakdown of th	chedule a le payme	along with shuttl nts and officials	e transportation
Last Name	First Nar	me	Position	on/Title	Department/Division
Last Name	First Na	me	Positi	on/Title	Department/Division
4. Verification					

(Use this space or an attachment for any additional information)

## Form 801 attachment

# 3.2. Payment Description. Provide a specific description of the payment and its agency purpose and use.

David Erne is joining a conference panel to speak on resilience planning. The travel will be covered by the host agency, National Association of State Energy Officials (NASEO). NASEO is the only nonprofit organization that represents the Governor-designated energy officials from each of the 56 states and territories. Here is a breakdown of how the payment will be used. NASEO is an organization that commonly provides education and training to its members. David Erne is providing training to the members as a speaker on the conference agenda. Justin Cochran and Allen Le are receiving training directly related to their job duties. The payments will be used by all 3 parties for transportation and lodging. The payment breakdown is listed below.

Name	David	Justin	Allen	TOTAL
	\$550.59	\$349.17	\$194.16	
Flight	(Southwest)	(Southwest)	(Spirit)	\$1,093.92
	\$394.16	\$181.67	\$594.24	
Lodging	(Hilton hotels)	(Hilton hotels)	(Hilton hotels)	\$1,170.07
Meals	\$22.28	\$43.57	\$176.71	\$242.56
Personal Mileage	\$28.82	\$23.98	\$34.39	\$87.19
Rideshare	\$0.00	\$0.00	\$22.94	\$22.94
Parking	\$0.00	\$38.00	\$0.00	\$38.00
Total	\$995.85	\$636.39	\$1,022.44	\$2,654.68

### 3.3. Identify the officials who used the payment in Section 3.1

Last Name	First Name	Position/Title	Department/Division
Erne	David	Deputy Director	Admininstrative/Energy Assessment Division
Cochran	Justin	Enviromental Scientist	REPU/Energy Assessment Division
Le	Allen	EGSSI	DER/Energy Assessment Division









# Training for States on Distribution System and Distributed Energy Resources Planning

# January 24, 2024 University of California Irvine, 6210 Donald Bren Hall [map] Agenda

8:30 a.m. Welcome and Agenda Review

Ram Narayanamurthy, U.S. Department of Energy, Building Technologies Office

Jeff Loiter, NARUC, and Blake Kinney, NASEO

Lisa Schwartz, Berkeley Lab

8:45 a.m. Integrated Distribution System Planning Overview

Natalie Mims Frick and Lisa Schwartz, Berkeley Lab

**10:00 a.m. Break** (refreshments provided)

10:15 a.m. Load Forecasting

Julieta Giraldez, Kevala

- Forecasting tools and methods for greater temporal and spatial granularity
- Scenario-based forecasting
- Electrification and extreme weather impacts

11:15 a.m. Group Exercise – State Objectives and Priorities for Distribution System and

**Distributed Energy Resources Planning** 

Facilitated by National Association of Regulatory Utility Commissioners and National

Association of State Energy Officials

12:00 p.m. Lunch and networking

12:40 p.m. Welcome From University of California, Irvine

Jack Brouwer, Professor of Mechanical and Aerospace Engineering and Director of the

National Fuel Cell Research Center and Advanced Power and Energy Program

— Continued —

#### 12:45 p.m. Distributed Energy Resources Planning

Cody Davis, Electric Power Engineers

- DER forecasting
- Hosting capacity analysis
- Non-wires alternatives

#### 1:50 p.m. Group Exercise – State Challenges and Opportunities for Distribution and DER Planning

Facilitated by National Association of Regulatory Utility Commissioners and National Association of State Energy Officials

- 2:00 p.m. Break
- **2:10 p.m. Group Exercise** (continued)

#### 2:30 p.m. Identifying Grid Needs and Evaluating Investment Options

Samir Succar, ICF

- Grid needs assessment
- Technology investment strategies for grid modernization, DERs and electrification
- Valuation methods
- Technology roadmap

#### **3:45 p.m. Break** (refreshments provided)

#### 4:00 p.m. Recovering and Allocating Costs

Ronny Sandoval, Regulatory Assistance Project

- Regulatory challenges
- Treatment of projects that receive federal funding
- Ratepayer vs. taxpayer funding
- Proactive distribution upgrades for distributed energy resources and electrification
- Resilience investments

#### 5:00 p.m. Adjourn









# **Training for States on Grid Resilience Planning**

# January 25, 2024 University of California Irvine, 6210 Donald Bren Hall [map] Agenda

8:30 a.m.	Welcome and Agenda Review Dave Parsons, U.S. Department of Energy, Grid Deployment Office Jeff Loiter, NARUC, and Blake Kinney, NASEO Lisa Schwartz, Berkeley Lab
8:45 a.m.	Introduction to Resilience for Electricity Systems Sara Peterson, National Renewable Energy Laboratory
9:15 a.m.	Identifying Threats, Predicting Vulnerabilities, and Assessing Risks <sup>1</sup> Tom Wall, Argonne National Laboratory
10:15 a.m.	Break (refreshments provided)
10:30 a.m.	Example Vulnerability Assessment Stephen Torres, Southern California Edison
11:15 a.m.	Strategies for Valuing and Prioritizing Resilience Investments and Measuring Progress JP Carvallo, Berkeley Lab
12:15 p.m.	Lunch (provided) and Networking
1:00 p.m.	Mitigation, Rapid Restoration Strategies, and Best Practices — with Case Studies Nichole Hanus, Berkeley Lab
1:45 p.m.	Engaging Stakeholders and Building Equity in Resilience Planning  NARUC and NASEO interactive exercise
2:30 p.m.	Break (refreshments provided)
2:45 p.m.	What Should Grid Resilience Plans Include? <i>Planning Requirements, Emerging Best Practices, and Template</i> Josh Schellenberg, Berkeley Lab affiliate

Continued —

<sup>&</sup>lt;sup>1</sup>This training will not cover cybersecurity and kinetic attacks. See Lawrence Livermore National Laboratory's <u>presentation</u> at the Southeast resilience training as well as <u>NASEO</u> and <u>NARUC resources</u> on the topic.

## 3:30 p.m. State Criteria for Evaluating Resilience Projects

Presenter and panel moderator: Tom Wall, Argonne National Laboratory

Panelists:

David Erne, California Energy Commission

John Parks, Colorado Energy Office

Rob Del Mar, Oregon Department of Energy

## 4:30 p.m. Adjourn