

May 22, 2015

Via Electronic Filing

Public Utility Commission Attn: Filing Center 3930 Fairview Industrial Drive SE Salem, OR 97308 puc.filingcenter@state.or.us

Re: Docket No. LC 62: Sierra Club's Signatory Pages to Protective Order

Please find enclosed Sierra Club's Signatory Pages to Appendix B of Protective Order 14-416 of Anthony Raduazo, Kadie McShirley, David Abell, and Chris Edgette in the above-referenced docket. This document has been e-filed with the Commission and served on parties via email.

Please let me know if you have any questions. Thank you.

Respectfully submitted,

/s/ Derek Nelson

Derek Nelson Legal Assistant Sierra Club Environmental Law Program 85 Second St., 2nd Floor San Francisco, CA 94105 (415) 977-5595 derek.nelson@sierraclub.org

cc: Service List

SIGNATORY PAGE DOCKET NO. LC 62

III. Persons Qualified under Paragraph 3(e):

		Il protective order, agree to be bound by the terms of the order, and mation identified in paragraph 10.
By:	Signature:	Date: 5/22/2015
J	Printed Name:	Suthony Paduazo
	Address:	85 2 nd st, 2 nd Floor, SF, C494109
	Employer:	Sierra Club
	Job Title:	Legal Assistant
	Paragraph 10	O(e) information also provided.
Ву:	Signature: Printed Name:	Kadie McShirty Date: 5/22/2015
	Address:	89 2nd St, 2nd Ploor, SF, C4 94105
	Employer:	Sierva Club
	Job Title:	legal Assistant
	Paragraph 10	(e) information also provided.
By:	Signature: Printed Name:	Date: 5/22/2015 David Houll 85 2nd St 2nd Floor, SF, CA 94/05
	Address:	85 2nd St 2nd Floor, SF, CA 94/05
	Employer:	Sierra Club
	Job Title:	Paralegal
	Paragraph 10	(e) information also provided.
By:	Signature:	Date:
	Printed Name:	
	Address:	
	Employer:	
	Job Title:	
	Paragraph 10	(e) information also provided.

SIGNATORY PAGE DOCKET NO. LC 62

III. Persons Qualified under Paragraph 3(e):

		mation identified in paragraph 10.	the terms of the order, and
By:	Signature:	Les Golffe	Date: 5/24/15
	Printed Name:	Clair Ellactic	
	Address:	4461 View Place Bahland	CA 94611
	Employer:	_ /2 _ / /	
	Job Title:	NA	
	Paragraph 10	O(e) information also provided.	
Ву:	Signature:		Date:
	Printed Name:		
	Address:		
	Employer:		
	Job Title:		
	Paragraph 10	(e) information also provided.	
By:	Signature:		Date:
	Printed Name:		
	Address:		
	Employer:		
	Job Title:		
	Paragraph 10	(e) information also provided.	
Ву:	Signature:		Date:
	Printed Name:		
	Address:		
	Employer:		
	Job Title:		
	Paragraph 10	(e) information also provided.	

Chris Edgette Corporate Strategy Consultant Renewable Energy Specialist



- Extensive renewable energy strategy, product development, engineering, and field installation experience
- Leads corporate strategy practice for Strategen Consulting
- Prior to Strategen, founded and managed the Commercial Projects Division for SolarCity; prior to that, served as SolarCity's Director of Field Engineering
- Led Construction Management for PowerLight, directed worldwide installations of over 25MW and brought to market a successful nonpenetrating rooftop solar system

Expertise

CORPORATE STRATEGY:

- Corporate diversification
- Venturing within large organizations
- White-space business and program development
- Strategic planning/vision development
- Energy regulatory strategy development
- Strategic marketing and sales forecasting

RENEWABLE ENERGY EXPERTISE:

- Solar project development and financing
- Solar regulatory landscape
- Solar value proposition analysis
- Solar technology/business due diligence
- Integrated solar + energy storage project development
- Government renewable implementation
- Demand response

ENERGY STORAGE:

- Storage project development and financing
- Storage value proposition and cost effectiveness analysis (including customer sited and distribution and transmission interconnected projects)
- Storage contracting and bid strategies
- Storage project/business due diligence
- Storage regulatory landscape



























US Department of Energy

Client Work Highlights

- Conducted U.S. renewable energy market entry strategy for one of Israel's leading real estate and investment groups.
- Directed and performed global PV market analysis for top 5 Japanese solar module manufacturer, including on site interviews with project developers, integrators, and installers in Europe, Turkey, US, and Asian markets, supplemented by phone interviews with developers in multiple African markets.
- Provided U.S .market entry strategy services for 6 international solar and power electronics providers.
- Executed company and market analyses for multiple U.S. investment groups.
- Managed value proposition analysis on dozens of clean energy projects, including utility scale and commercial PV and energy storage projects.
- Conducted solar and energy storage portfolio feasibility analysis for multiple Fortune 100 technology companies.
- Directed customer energy storage analysis for Minnesota Department of Commerce.
- Key stakeholder in multiple US utility regulatory proceedings and grid operator initiatives.

Chris Edgette

4461 View Place Oakland, CA, 94611 chris.edgette@gmail.com (415) 424-8475

2008-Current Senior Director

Strategen Consulting, LLC.

- Leads corporate strategy efforts; assists clients with product, process, and market entry strategy
- Advises a range of diversified clean energy manufacturers, investors, governments, new industry entrants and emerging technology companies.
- Directly engaged with energy policy, strategy, and cost effectiveness modeling at the California PUC
- Conducts detailed system costing, market sizing, and value proposition analysis for clean-energy systems
- Product Development Examples:
 - o Ground Mount Fixed Tilt Array for major PV mfr.
 - o Roof Mount Non-Penetrating Product for major building products mfr.

2007-2008

Director of Commercial Projects Director of Field Engineering

SolarCity, Inc.

- Developed Lean Production-based processes for entire SolarCity installation team
- Developed Lean-based tracking system for all SolarCity installations
- Participated in development of Canopy Residential Roof Product
- Started Commercial Projects team; grew division to 45 employees, including:
 - o Project Managers
 - o Project Engineers
 - o (2) full electrician teams
 - o (3) full installation teams
- Selected Projects:

0	Ebay, Inc.	Rooftop DP&W, Non-Penetrating 650	kW
0	Montna Farms	Ground Array Technologies, Single-axis Tracker	394 kW
0	Heritage Paper	Rooftop Custom, Penetrating	528 kW
0	GreenWaste Recovery	Rooftop Custom, Penetrating	300 kW
0	GSA, Otay Mesa Rooftop	SunPower T10, Non-Penetrating 274	kW

2002-2007

Construction Management Supervisor Product Manager

SunPower Systems (PowerLight Corp.)

- Managed over 25 MW of projects globally
- Founded Global Construction Management team; grew team to 15 Construction Managers
- Acted as company's first product manager; managed T10 Non-Penetrating Rooftop Product
- Project Managed beta and first commercial installations of T10 Non-Penetrating Rooftop Product
- Product Development Work:
 - o TO Single-Axis Tracking System
 - o T20 Single-Axis Tracking System
 - o PowerGuard Non-Penetrating Rooftop Product
 - o T10 Non-Penetrating Rooftop Product

SunPower Systems (Continued)

- Designed and conducted product testing, including UL Standard tests, in the following areas
 - o Fire/UV
 - o Humidity/Freeze Thaw
 - o Thermal Cycling
 - o Adhesives
 - o System drainage
 - o Wind Uplift
 - o Corrosion (lab and field testing)
- Selected Projects:

0	Alameda County	Ground & Roof	Multiple	1+ MW
0	Bavaria Solar 1	Ground	SunPower TO Tracker	10 MW
0	Donaghy Sales	Rooftop	SunPower T10 Non-Penetrating	1 MW
0	GSA, Los Angeles	Rooftop	SunPower PowerGuard Non-Pen.	308 kW
0	NV Wine Services Coop	Rooftop	SunPower T10 (1 st commercial install)	428 kW
0	West Basin Municipal	Ground	SunPower T10, Non-Penetrating	564 kW

Public Engagements

2	2009	Advantages of Low Slope Solar	Solar BOS/BOP Conference	San Diego, CA
2	2010	Micro-inverters vs. Central Inverters	Renewable Energy World	Podcast
2	2012	3M Flexible Solar Workshop – Moderator	3M Hosted Event	San Francisco, CA
2	2013	Energy Storage: Renewable Grid Integration	Intersolar North America	San Francisco, CA
2	2013	Storage Opportunities for Solar Developers	Joint Forces 4 Solar	San Francisco, CA
2	2013	Energy storage cost effectiveness in CA	Energy Storage China	Beijing, China
2	1013	Worldwide market dev. for grid storage	Intersolar Europe	Munich, Germany
2	2013	3M Flexible Solar Workshop – Moderator	3M Hosted Event	Munich, Germany
2	2013	Opportunities in Grid Transformation	Renewable Energy Seminar	Palo Alto, CA
2	2013	CO2 Impact of Storage – Modeling Results	CA Public Utilities Comm.	San Francisco, CA
2	2013	CA: A Model for Grid Storage Implementation	Intersolar North America	San Francisco, CA
2	2013	Utility Scale Energy Storage: Beyond the Pilots	Itron Utility Conference	Orlando, FL
2	2014	Developing Successful Energy Storage Projects	Energy Storage North America	San Jose, CA
2	2014	Energy Storage Procurement in California	Costa Rica Grid Delegation	Berkeley, CA
2	2014	Panelist – Grid Storage & EV Panels	Clean Energy Ministerial	Seoul, Korea
2	2014	Value Proposition for Utility Controlled ESS	Energy Storage Virtual Summit	Webinar
2	2014	How Storage Can Re-Shape the Grid	Intersolar North America	San Francisco, CA
2	2014	Intersolar Press Briefing	Intersolar North America	San Francisco, CA
2	2014	California Energy Storage Procurement	Germany Trade and Invest	Palo Alto, CA
2	2014	CA Energy Storage Procurement	Energy Storage Japan	Tokyo, Japan
2	2014	US Energy Storage Procurement	Energy Storage India	New Delhi, India

Education

- University of California, San Diego
- Graduated with Honors

CERTIFICATE OF SERVICE

I hereby certify that on this 22nd day of May, 2015, I caused to be served the foregoing SIERRA CLUB'S SIGNATORY PAGES TO PROTECTIVE ORDER upon all party representatives on the official service list for this proceeding via electronic mail.

Dustin T. Till (C)
Oregon Dockets
Pacific Power
825 NE MULTNOMAH ST, STE 1800
PORTLAND OR 97232
dustin.till@pacificorp.com
oregondockets@pacificorp.com

Jess Kincaid (C)
Phil Carver (C)
Oregon Department of Energy
625 MARION ST NE
SALEM OR 97301
jess.kincaid@state.or.us
phil.carver@state.or.us

Robert Jenks (C)
Sommer Templet (C)
OPUC Dockets
Citizens' Utility Board of Oregon
610 SW BROADWAY, STE 400
PORTLAND OR 97205
bob@oregoncub.org
sommer@oregoncub.org
dockets@oregoncub.org

Colin McConnaha (C)
Department Of Environmental Quality
811 SW SIXTH AVE
PORTLAND OR 97204
colin.mcconnaha@state.or.us

Wendy Gerlitz (C) NW Energy Coalition 1205 SE FLAVEL PORTLAND OR 97202 wendy@nwenergy.org Megan Walseth Decker (C) Michael O'Brien (C) RNP Dockets Renewable Northwest Project 421 SW 6TH AVE #1125 PORTLAND OR 97204 megan@renewablenw.org

michael@renewablenw.org dockets@renewablenw.org

Renee M. France (C)
Oregon Department of Justice
Natural Resources Section
1162 COURT ST NE
SALEM OR 97301-4096
renee.m.france@doj.state.or.us

Melinda J Davison (C) Jesse E Cowell (C) Davison Van Cleve 333 SW TAYLOR - STE 400 PORTLAND OR 97204 mjd@dvclaw.com jec@dvclaw.com

Bradley Mullins (C) Mountain West Analytics 333 SW TAYLOR STE 400 PORTLAND OR 97204 brmullins@mwanalytics.com

Fred Heutte NW Energy Coalition PO BOX 40308 PORTLAND OR 97240-0308 fred@nwenergy.org

Paul Garrahan (C)

Oregon Department of Justice 1162 COURT ST NE SALEM OR 97301-4096 paul.garrahan@doj.state.or.us

Angus Duncan (C)

Natural Resources Defense Council 2373 NW JOHNSON ST PORTLAND OR 97210 angusduncan@b-e-f.org

John Crider (C)

Oregon PUC PO BOX 1088 SALEM OR 97308-1088 john.crider@state.or.us

Justin Wilson (C)

Western Clean Energy Campaign 1536 Wynkoop St., Suite 420 Denver, CO 80202 justin@westerncec.org

Teresa Hagins

Northwest Pipeline GP 8907 NE 219TH STREET BATTLE GROUND WA 98604 teresa.l.hagins@williams.com

John Lowe

Renewable Energy Coalition 12050 SW TREMONT ST PORTLAND OR 97225-5430 jravenesanmarcos@yahoo.com Franco Albi (C) V. Denise Saunders (C)

Patrick G. Hager Portland General Electric

121 SW SALMON ST 1WTC0702

PORTLAND OR 97204

franco.albi@pgn.com

denise.saunders@pgn.com patrick.hager@pgn.com

pge.opuc.filings@pgn.com

Ralph Cavanagh

Natural Resources Defense Council 111 SUTTER ST FL 20 SAN FRANCISCO CA 94104 rcavanagh@nrdc.org

Michael T. Weirich (C)

Oregon Department of Justice **Business Activities Section** 1162 COURT ST NE SALEM OR 97301-4096 michael.weirich@state.or.us

IRP Mailbox (C)

825 NE Multnomah Street, Suite 600 Portland, OR 97232 IRP@pacificorp.com

Stewart Merrick

Northwest Pipeline GP 295 CHIPETA WAY **SALT LAKE CITY UT 84108** stewart.merrick@williams.com

Irion A. Sanger

Sanger Law PC 1117 SE 53RD AVE PORTLAND OR 97215 irion@sanger-law.com

//

//

//

//

/s/ Derek Nelson

Derek Nelson
Legal Assistant
Sierra Club Environmental Law Program
85 Second St., 2nd Floor
San Francisco, CA 94105
(415) 977-5595
derek.nelson@sierraclub.org