GALATI | BLEK LLP

455 Capitol Mall Suite 350
Sacramento CA 95814
Tel· 916.441.6575
Fax· 916.441.6553

DOCKET
09-AFC-8
DATE DEC 18 2009
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December 18, 2009

California Energy Commission
Docket Unit
1516 Ninth Street
Sacramento, CA 95814-5512

Subject: **GENESIS INFORMATIONAL HEARING & SITE VISIT PRESENTATION**
DOCKET NO. (09-AFC-8)

Enclosed for filing with the California Energy Commission is the original of **GENESIS INFORMATIONAL HEARING & SITE VISIT PRESENTATION**, for the Genesis Solar Energy Project Docket No. (09-AFC-8).

Sincerely,

Ashley Y Garner

Ashley Y Garner

NextEra Energy Resources

Genesis Solar Energy Project

Cautionary Statements and Risk Factors that May Affect Future Results

Any statements made herein about future operating results or other future events are forward-looking statements under the Safe Harbor Provisions of the Private Securities Litigation Reform Act of 1995. These forward-looking statements may include, for example, statements regarding anticipated future financial and operating performance and results, including estimates for growth. Actual results may differ materially from such forward-looking statements. A discussion of factors that could cause actual results or events to vary is contained in the Appendix and in our SEC filings.

The Genesis Project Development Team

- Scott Busa – NextEra Energy Development
- Meg Russell – NextEra Energy Development
- Kenny Stein – NextEra Energy Environmental Services
- Michael Pappalardo – NextEra Energy Environmental Services
- Heather Barone – NextEra Energy Environmental Services
- Duane McCloud – NextEra Energy Engineering & Construction
- Steve Stengel – NextEra Energy Communications
- Scott Galati – Galati/Blek Law Firm
- Tricia Bernhardt – Tetra Tech Environmental Services
- Jared Fosters – Worley-Parsons Engineering

NEXTera ENERGY RESOURCES

FPL Group is a premier U.S. energy company

FPL Group

- $23.1 B market capitalization
- 39,015 MW in operation
- $16.4 B operating revenue
- $44.8 B in total assets

Florida Power & Light

- One of the largest U.S. electric utilities
- Vertically integrated, retail rate-regulated
- 4.5 MM customer accounts
- 22,087 MW in operation
- $11.6 B in operating revenues
- $26.2 B in total assets

NextEra Energy Resources

- U.S. leader in renewable generation
- Successful wholesale generator
- Assets in 25 states and Canada
- 16,928 MW in operation
- $4.6 B in operating revenues
- $17.2 B in total assets

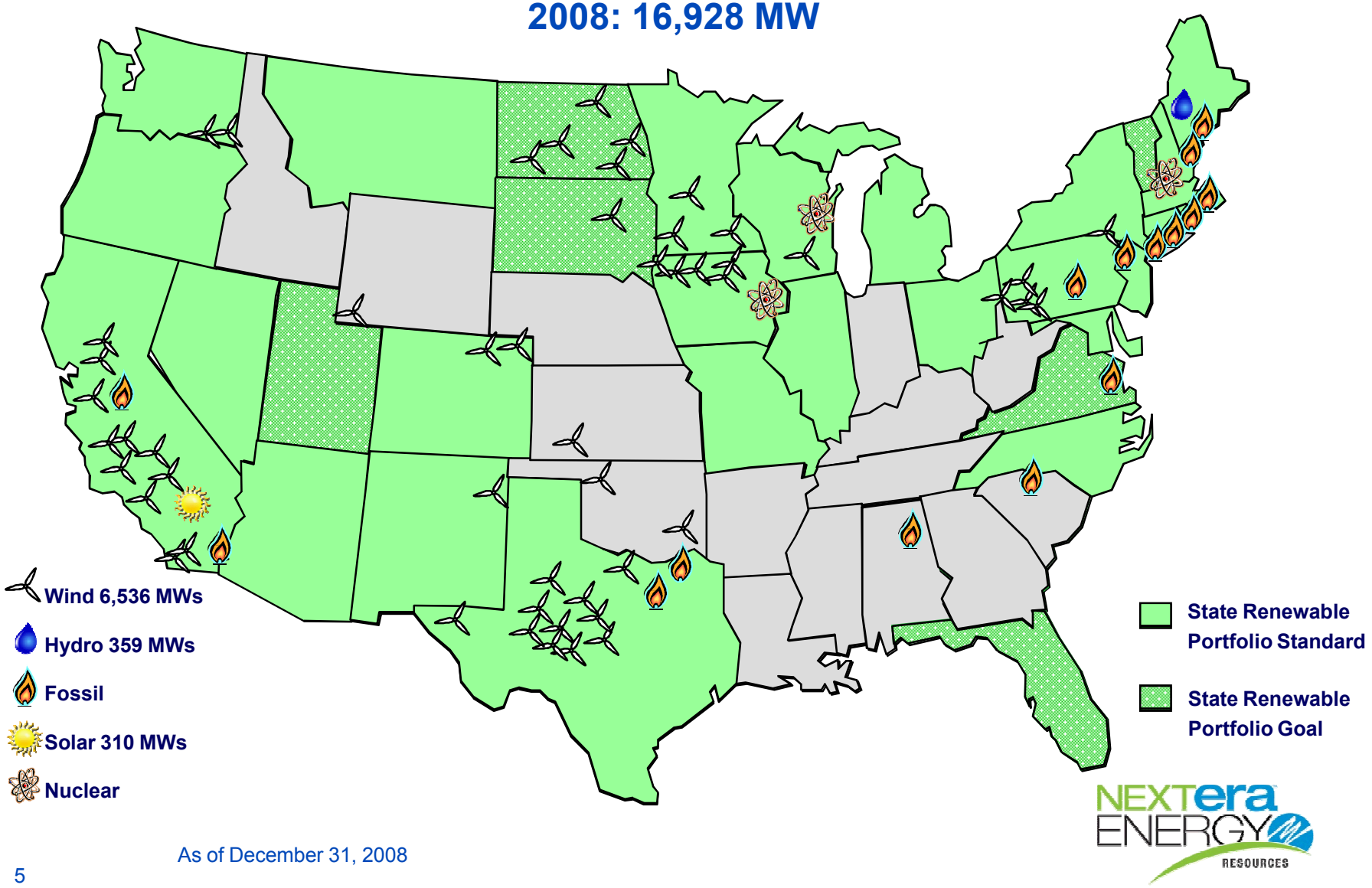
A growing, diversified and financially strong company

Market Capitalization as of August 31, 2009
Operating Revenue for the year ended December 31, 2008
All other data as of December 31, 2008

NextEra owns and operates a diverse, nationwide portfolio of power generation with a strong track record of growth

NextEra Energy Resources Generation Portfolio

2008: 16,928 MW

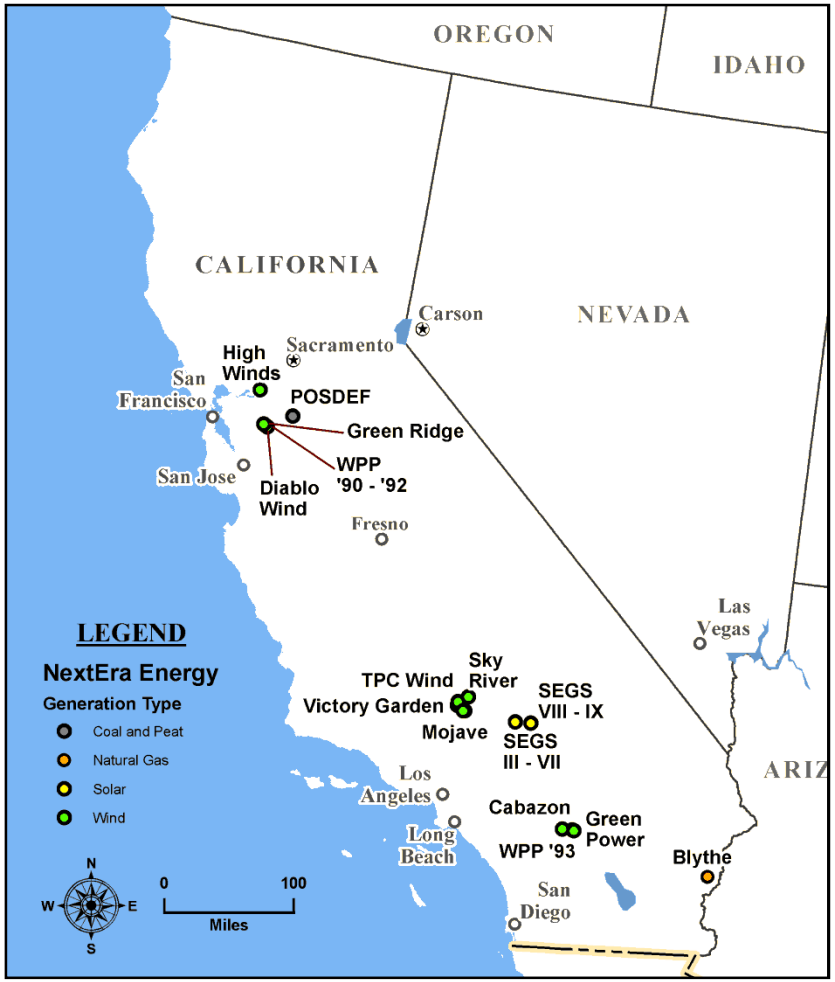


As of December 31, 2008

NextEra is the largest renewable energy company in the US

A Renewable Leader in California

- **Over $1 Billion invested in California**
  - 700 MWs of Wind
    - -- Montezuma Hills, Altamont, Tehachapi and Palm Springs
  - 310 MWs of Concentrating Solar Trough
  - 500 MWs of Combined Cycle Natural Gas
  - 50 MWs of Coal – Converting to biomass
- **Commitment to California solar development**
  - Genesis
  - Beacon
  - Photovoltaic – utility scale

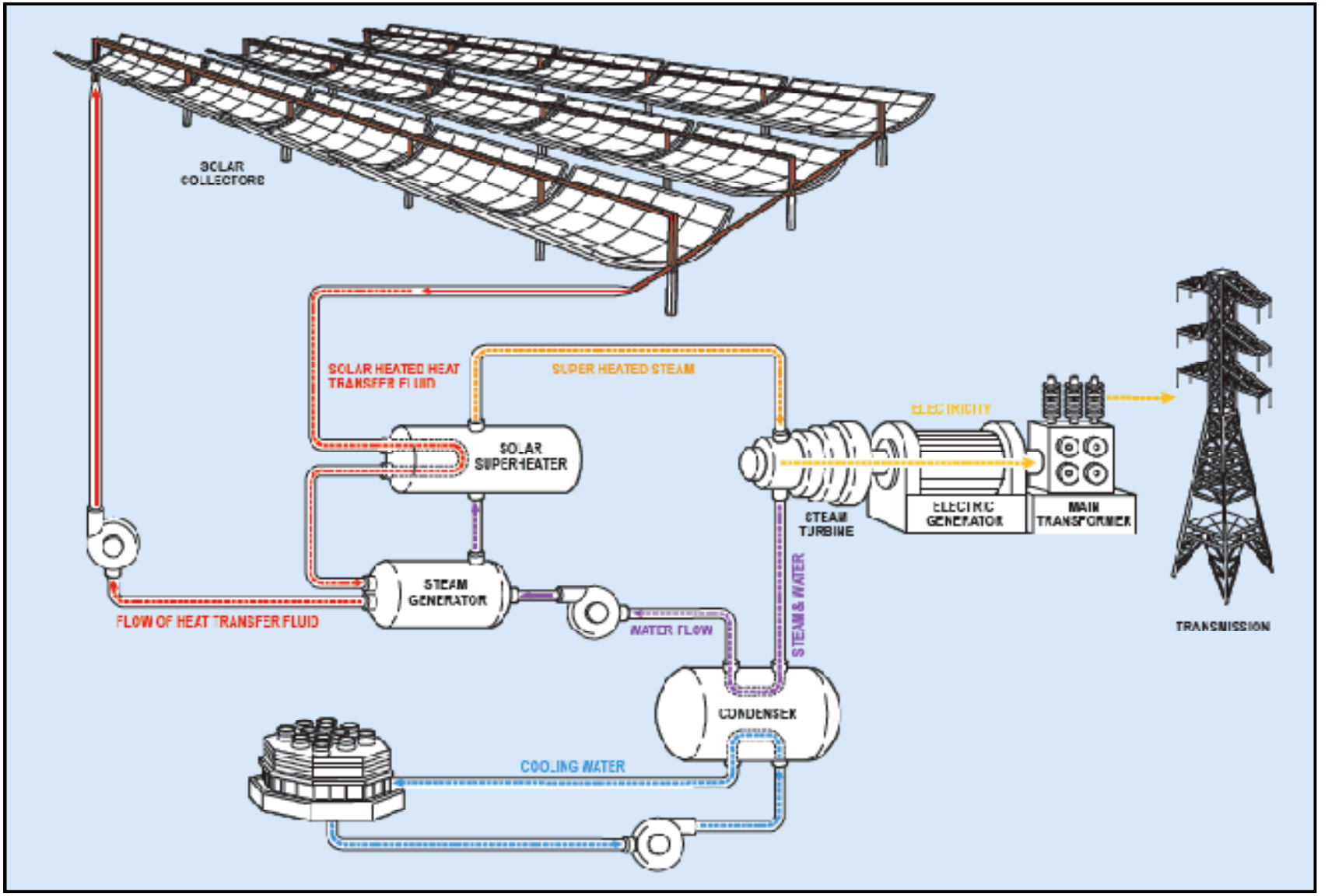


With SEGS, NextEra Energy Resources operates the largest solar facility in the world

SEGS Project Overview

- **Operating capacity: 310 MW; net ownership 147.5 MW**
  - 150 full-time employees
- **Project consists of:**
  - 936,384 mirrors (5 million square yards of surface area)
  - 96,768 tubes (244 miles of tubes)
  - 2,200 acres of land
- **Long-term power purchase agreement with Southern California Edison**
- **Over 20-years of successful and safe operations**

How does a solar thermal facility work?



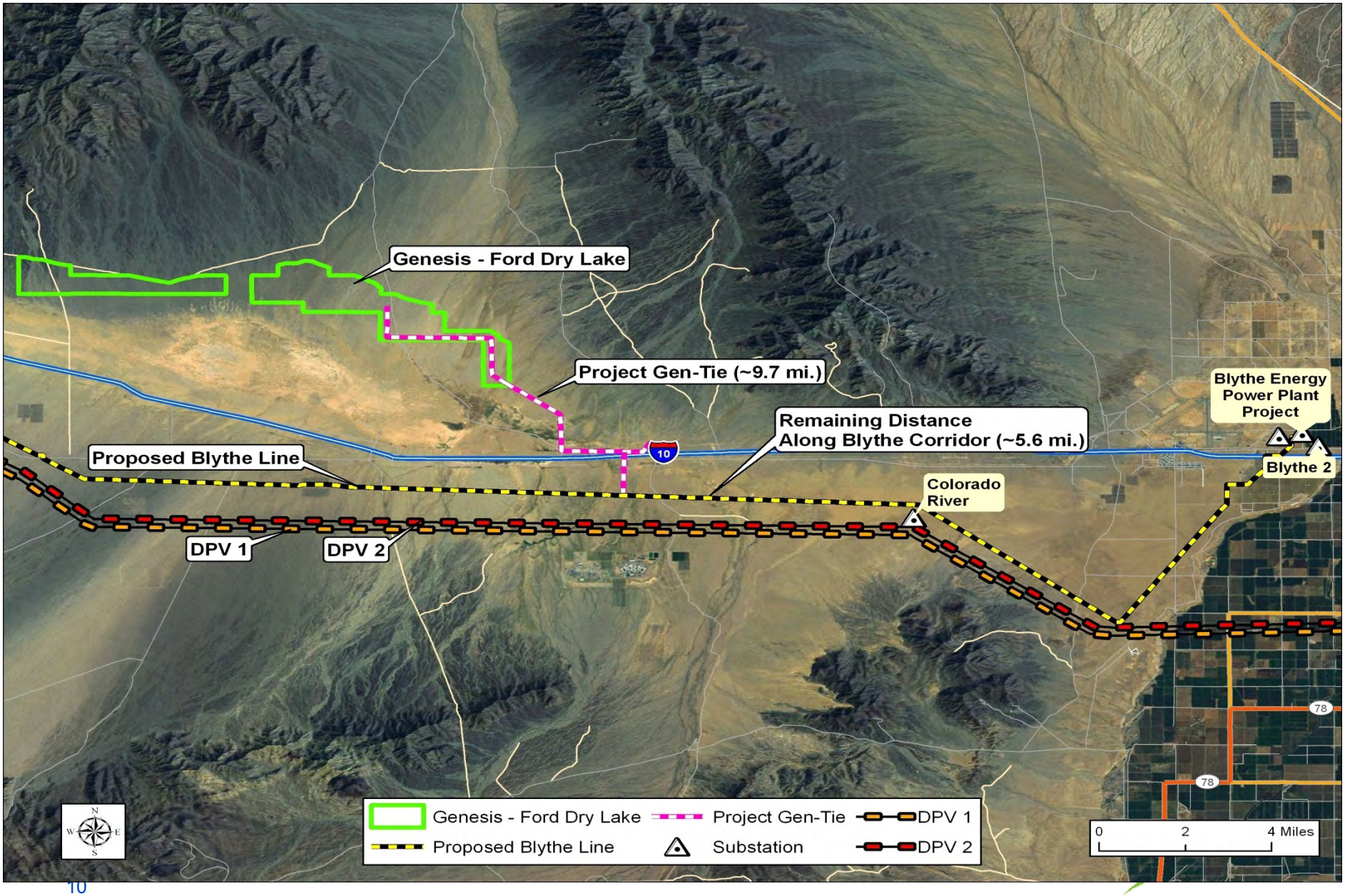
NextEra's 250 MW solar development project will significantly advance solar investment in California

Genesis Project Description

- **Location – 4,640 acres of Bureau of Land Management (BLM) land in Riverside County, North of I-10 between Blythe and Desert Center (Ford Dry Lake site)**
  - Proven solar resource, close to interconnection, minimal environmental impact
- **2 x 125MW units, Concentrating solar thermal**
  - COD dates – July 2013 & July 2014
- **Interconnection –15-mile generation tie-line, 9 miles of which utilize existing Blythe Transmission Line corridor**
  - Delivery Point – Colorado River Substation
- **25-year, 250 MW Power Purchase Agreement with PG&E**
- **CEC and BLM permits required**

NEXTera ENERGY RESOURCES

Project Genesis is situated near Blythe, CA and the new Blythe Transmission Line corridor



NextEra Energy Resources completed a thorough screening process to select this site

Genesis Solar Energy Project Site Attributes

- **Site is attractive for a number of development and environmental reasons**
  - Excellent solar resource
  - Large, relatively flat contiguous land parcel
  - Close proximity existing transmission and natural gas pipelines
  - Minimal biological and cultural resources issues
  - Availability of poor quality groundwater
  - Proximity to existing roads (Interstate 10)
  - Access to labor, infrastructure, and NextEra's existing operations in the nearby community of Blythe
  - In-state renewable resource which will assist CA utilities in meeting their Renewable Portfolio Standard

A successful project promotes economic growth, environmental stewardship, and community development

Working Together to Benefit the Community

- **Generating close to 1100 new construction jobs at peak and averaging about 600 workers over the three year construction period**
  - Construction payroll is estimated at $165,000,000
- **Once operational, 40 to 50 full-time employees**
  - Operational payroll is estimated at $6,000,000
- **Contributing millions to local & regional economies through direct, indirect, and induced employment and sales**
- **Strengthening tax base without creating significant infrastructure needs**
- **Supporting local economic development activities with clean energy**

NEXTera ENERGY RESOURCES

NextEra has already invested significant time and resources in the Genesis Project

Actions to Date

- Right of Way application filed – Mar 2007
- Initial Plan of Development submitted – Jul 2007
- Solar Meters installed – Nov 2008
- Biological / cultural resource field surveys – Mar – May 2009
- Test Well Drilling / Sampling – Jun – Aug 2009
- Application for Certification to CEC – Aug 2009
- Revised POD filed with BLM – Sep 2009
- Geotechnical Analysis – Oct 2009
- AFC deemed "Data Adequate" – Nov 2009
- Notice of Intent published in Federal Register – Nov 2009

Project Genesis permitting is underway to meet stimulus deadlines

Path Forward

- **Second on-site test well sampling – Nov/Dec 2009**
- **CEC Site visit/Informational Hearing – December 10, 2009**
  - Blythe, CA
- **BLM Public Scoping Meeting – December 11, 2009**
  - Palm Desert, CA
- **DEIS/Staff Assessment - Feb 2010**
- **EIS/Staff Assessment Addendum - Apr 2010**
- **FEIS/Staff Assessment – Jul 2010**
- **BLM Record of Decision/Right of Way (ROD/ROW) issued; Energy Commission Decision – Dec 2010**
- **Construction 30 – 42 months – COD Jul 2013 & Jul 2014**

Promoting understanding and well informed decisions

Community dialogue is critical to the success of every NextEra Energy project

Our Goals:

- Establish a positive relationship with the community
- Be your first & best source of information about our project & our company
- Ensure total availability of all permit information, especially environmental impact data
- Listen to our neighbors

NEXTera ENERGY RESOURCES

BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION OF THE STATE OF CALIFORNIA
1516 NINTH STREET, SACRAMENTO, CA 95814
1-800-822-6228 – WWW.ENERGY.CA.GOV

APPLICATION FOR CERTIFICATION FOR THE
GENESIS SOLAR ENERGY PROJECT

Docket No. 09-AFC-8

PROOF OF SERVICE
(Est. 12/15/09)

APPLICANT
Ryan O'Keefe, Vice President
Genesis Solar LLC
700 Universe Boulevard
Juno Beach, Florida 33408
Ryan.okeefe@nexteraenergy.com

Scott Busa/Project Director
Meg Russel/Project Manager
Duane McCloud/Lead Engineer
NextEra Energy
700 Universe Boulvard
Juno Beach, FL 33408
Scott.Busa@nexteraenergy.com
Meg.Russell@nexteraenergy.com
Duane.mccloud@nexteraenergy.com

Mike Pappalardo
Permitting Manager
3368 Videra Drive
Eugene, OR 97405
mike.pappalardo@nexteraenergy.com

Diane Fellman/Director
West Region
Regulatory Affairs
234 Van Ness Avenue
San Francisco, CA 94102
Diane.fellman@nexteraenergy.com

APPLICANT'S CONSULTANTS
Tricia Bernhardt/Project Manager
Tetra Tech, EC
143 Union Boulevard, Ste 1010
Lakewood, CO 80228
Tricia.bernhardt@tteci.com

Christo Nitoff/Project Engineer
Worley Parsons
2330 East Bidwell Street, Ste 150
Folsom, CA 95630
Christo.Nitoff@Worleyparsons.com

COUNSEL FOR APPLICANT
Scott Galati
Galati & Blek, LLP
455 Capitol Mall, Suite 350
Sacramento, CA 95814
sgalati@gb-llp.com

INTERESTED AGENCIES
California ISO
e-recipient@caiso.com

Allison Shaffer/ Project Mgr.
Bureau of Land Management
Palm Springs
South Coast Field Office
1201 Bird Center Drive,
Palm Springs, CA 92262
Allison_Shaffer@blm.gov

INTERVENORS
*Tanya A. Gulesserian
Marc D. Joseph
Adams Broadwell Joesph & Cardoza
601 Gateway Boulevard, Ste 1000
South San Francisco, CA 94080
tgulesserian@adamsbroadwell.com

ENERGY COMMISSION
JULIA LEVIN
Commissioner and Presiding Member
jlevin@energy.state.ca.us

JAMES D. BOYD
Vice Chair and Presiding Member
jboyd@energy.state.ca.us

Kenneth Celli
Hearing Officer
kcelli@energy.state.ca.us

Mike Monasmith
Siting Project Manager
mmonasmi@energy.state.ca.us

Caryn Holmes
Staff Counsel
cholmes@energy.state.ca.us

Robin Mayer
Staff Counsel
rmayer@energy.state.ca.us

HPublic Adviser's Office
publicadviser@energy.state.ca.us

*indicates change

DECLARATION OF SERVICE

I, Ashley Y Garner, declare that on December 18, 2009, I served and filed copies of the attached **GENESIS INFORMATIONAL HEARING & SITE VISIT PRESENTATION** dated **December 16, 2009**. The original document, filed with the Docket Unit, is accompanied by a copy of the most recent Proof of Service list, located on the web page for this project at:
[http://www.energy.ca.gov/sitingcases/genesis_solar].

The document has been sent to both the other parties in this proceeding (as shown on the Proof of Service list) and to the Commission's Docket Unit, in the following manner:

(***Check all that Apply***)

For service to all other parties:

__X__ sent electronically to all email addresses on the Proof of Service list;

__X__ by personal delivery or by depositing in the United States mail at Sacramento, California with first-class postage thereon fully prepaid and addressed as provided on the Proof of Service list above to those addresses **NOT** marked "email preferred."

AND

For filing with the Energy Commission:

__X__ sending an original paper copy and one electronic copy, mailed and emailed respectively, to the address below (*preferred method*);

OR

____ depositing in the mail an original and 12 paper copies, as follows:

CALIFORNIA ENERGY COMMISSION
Attn: Docket No. 09-AFC-8
1516 Ninth Street, MS-4
Sacramento, CA 95814-5512
docket@energy.state.ca.us

I declare under penalty of perjury that the foregoing is true and correct.

Ashley Y Garner