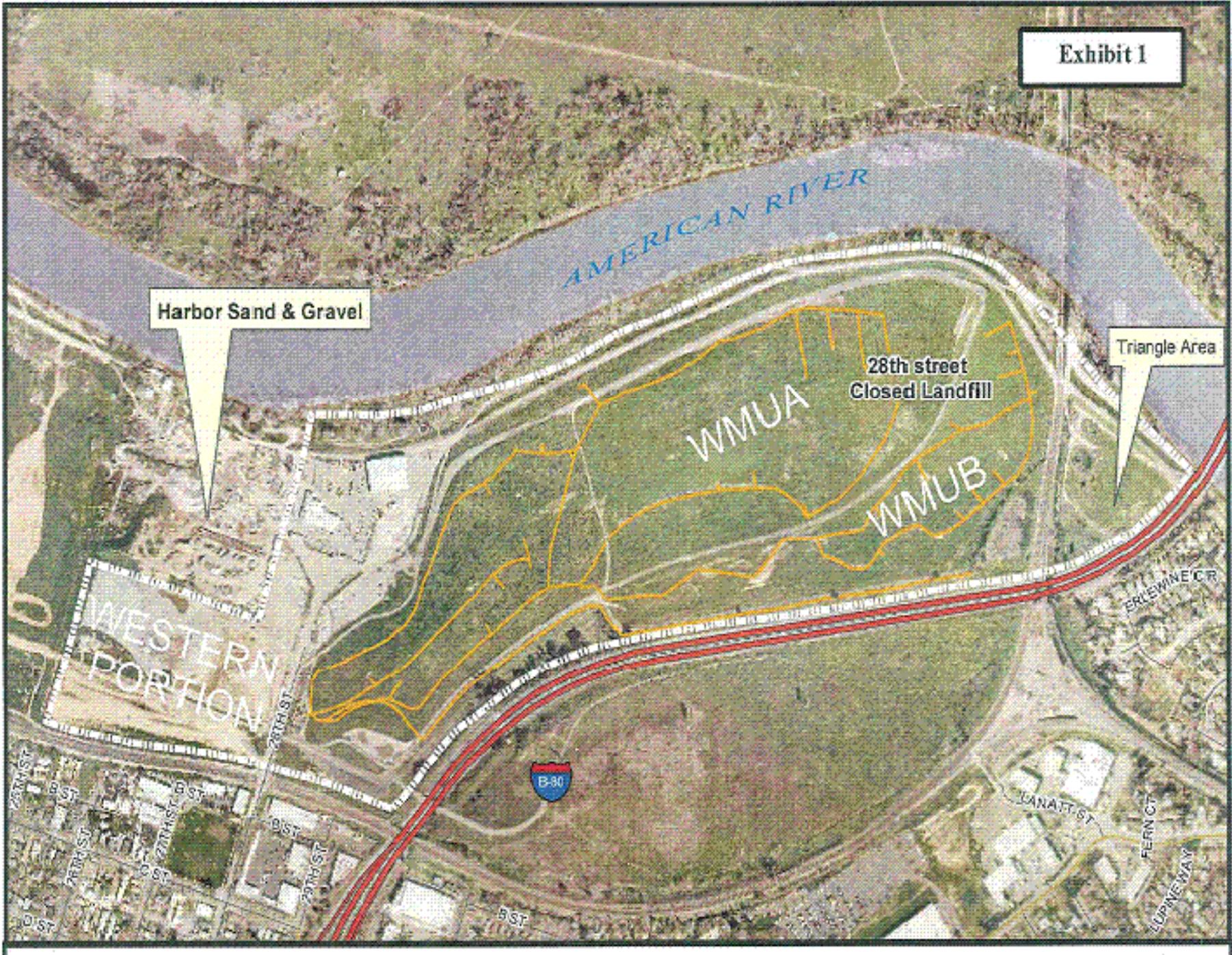


*Sutter's Landing Park/  
28<sup>th</sup> St. Landfill  
Proposed Solar Park*

**March 3, 2011  
Parks & Recreation  
Commission**

Exhibit 1





## *History/Background*

- **Total acres = 172**
- **Landfill closed 1997**
- **30 yrs. post closure maintenance ends 2027**
- **Post Closure Maintenance: gas well monitoring, ground water monitoring, summer maint. to address settlement**



## *Sutter's Landing Park*

- **All 172 acres are closed 28<sup>th</sup> St. Landfill**
- **2003 Park Master Plan; amended 2006 to include potential for regional destination attractions**
- **Current park uses: Dog Park, river access, trail, indoor skate park**
- **2011: Sports courts, improved parking & signage**
- **Future: bike facilities, sports fields; potential expansion; solar; interpretive facilities; habitat restoration along River bank**

# SUTTER'S LANDING

## INTERIM IMPROVEMENTS

- SHRUB AREAS AND PLANTINGS
- DECOMPOSED GRANITE
- BUILDINGS



CITY OF SACRAMENTO  
department of parks and recreation  
PROJECT MANAGER: Roy Tetsnik  
WINTER 2008





**CONERGY**

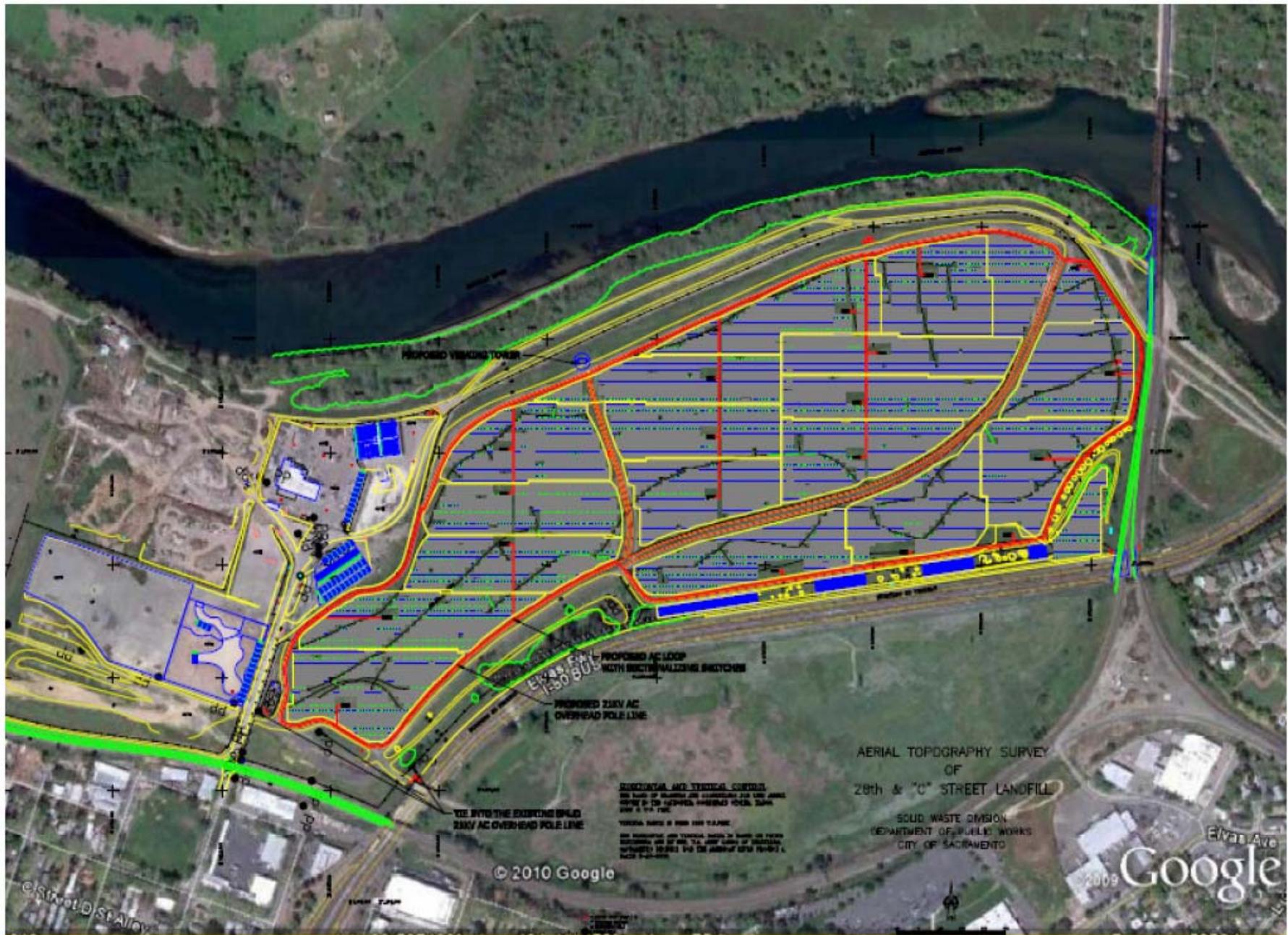
*Solar Park at Sacramento's  
Closed 28<sup>th</sup> St. Landfill*

*March 3, 2011*

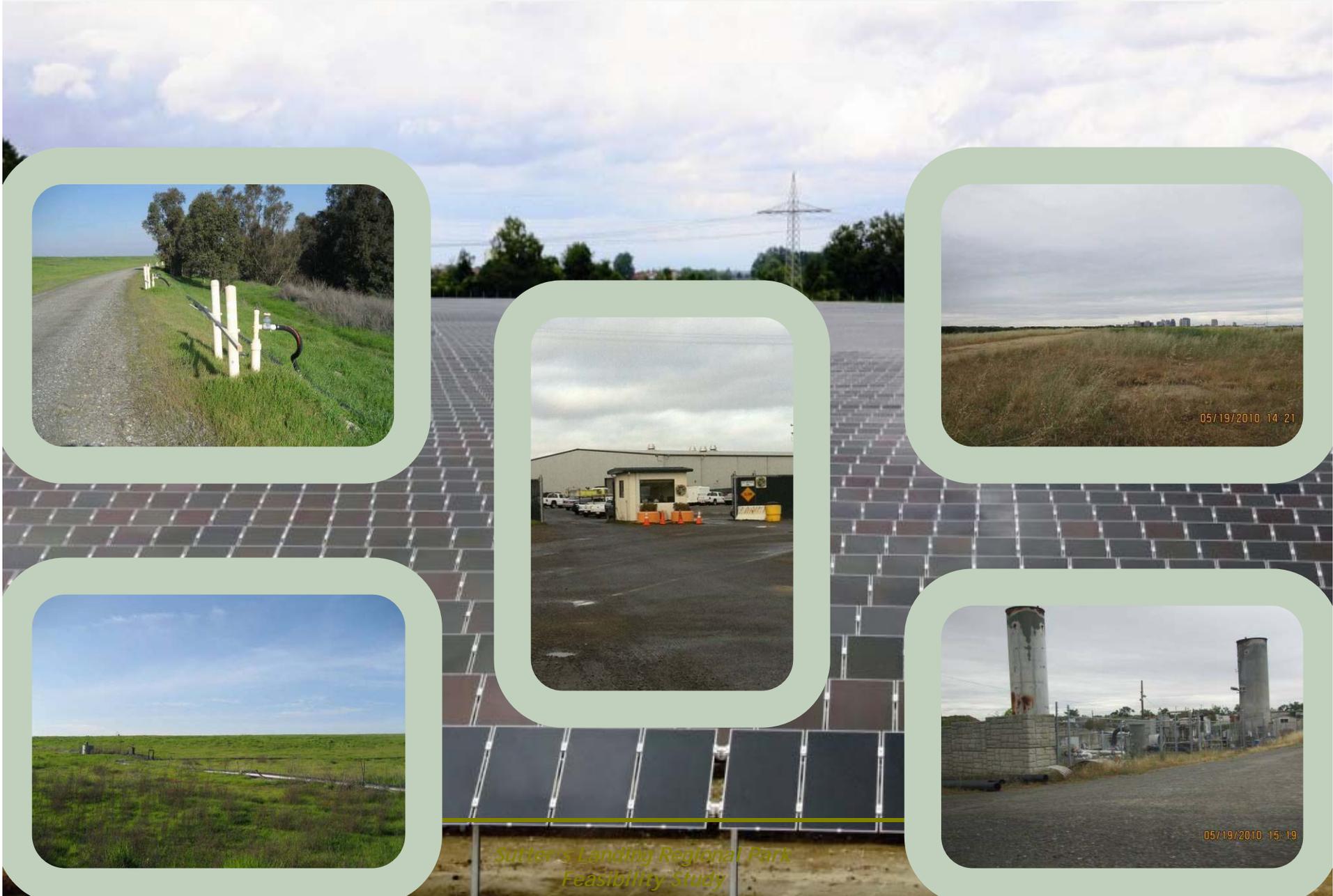
***Since its founding in 1998 the Conergy group has grown to a worldwide market leader in the field of Renewable Energy installations.***



***Conergy – our world is full of energy***



# *What's There Now?*



*Sutter's Landing Regional Park  
Feasibility Study*

## *Conergy Proposal*

- Lease closed landfill area.
- Design a system that is compatible with local habitat and is as low-impact to local environment.
- Install up to 20MW AC of solar generation on closed landfill and surrounding area.
- Install rooftop solar on Skate Park Building.
- Install shade structures in various areas of west side of park.
- Install an educational viewing stand near highest point of the area.

# *Typical Module Installation*



# *Types of Inverters (DC to AC)*



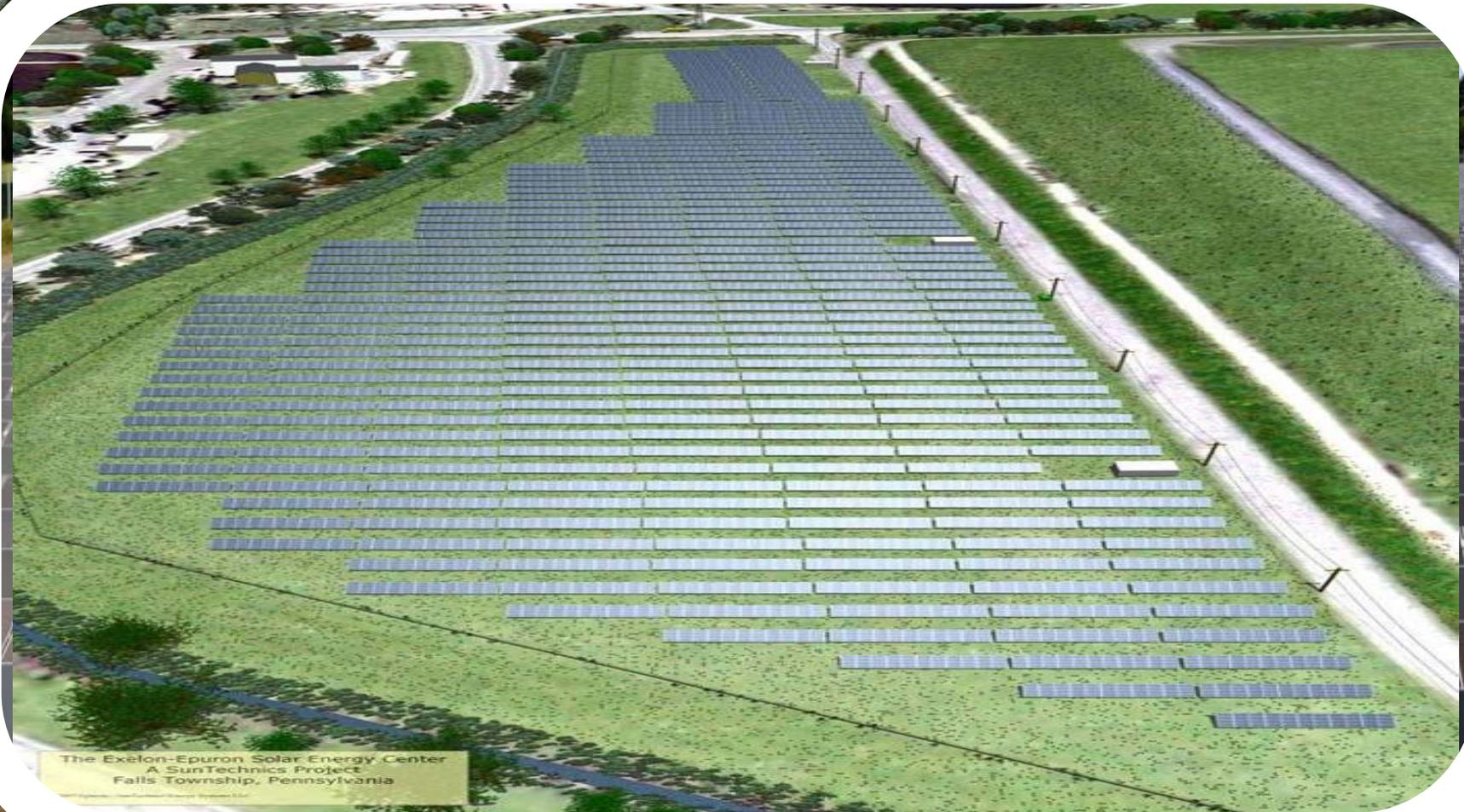
# *Conergy's U.S. Experience with Closed Landfills*

- *Ft. Carson, CO, 2MW Completed in 2007*



# *Conergy's U.S. Experience with Closed Landfills*

- *Falls Township, PA, 3MW Completed in 2008*



The Exelon-Epuron Solar Energy Center  
A SunTechnics Project  
Falls Township, Pennsylvania

## *Benefits of this Project*

**Some of the benefits of this project are that it will:**

- **Use land that will otherwise be dormant for another 17 to 20 years minimum.**
- **Be visible from Business 80 and serve as major Gateway into the City of Sacramento.**
- **Produce 'green' electricity to the grid that will power homes and businesses.**
- **Be an educational destination for visitors.**

## *Renewable Attributes (estimates only)*

**By offsetting fossil fuels this project will help to reduce:**

- **631 million lbs of CO<sub>2</sub> (greenhouse gas)**
- **462 thousand lbs of SO<sub>x</sub> (acid rain emissions)**
- **1.8 million barrels of oil**

**Project is equivalent to:**

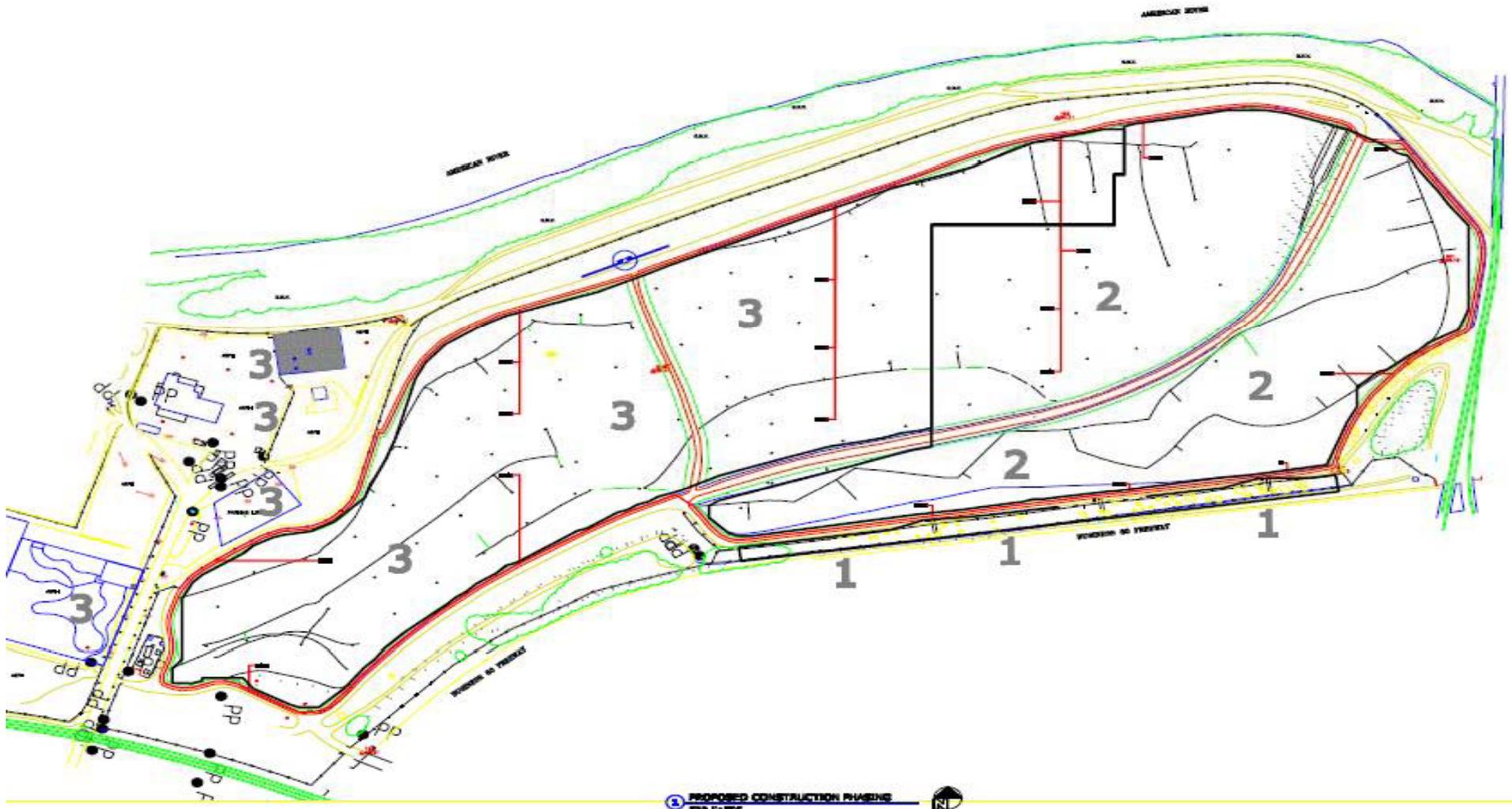
- **4,000 acres of trees**
- **Not driving 626 million miles**

# Construction Phasing

1 - Adjacent to I-80 (1-2 MW)

2 - Southern and Eastern sections (9 MW)

3 - Western section and remaining park (10 MW)





## *FAQs & Answers*

- 1. How will City address impact on local wildlife living on landfill**  
*Conduct biological survey of landfill as part of CEQA review*
- 2. Will Solar Park be compatible with park development?**  
*Yes, this is one of the project's requirements*
- 3. To whom will power be sold?**  
*This has yet to be determined*
- 4. What is coverage area of proposed solar photovoltaic park?**  
*Majority of solar park will be developed on undeveloped portion of landfill, with roof mounted solar panels and shade structures on improved portion*





- **Questions ?**

**Comments ?**

[www.cityofsacramento.org/sutterslandingsolar](http://www.cityofsacramento.org/sutterslandingsolar)