SDG&E's Proposed
South Bay Substation Relocation Project
Application 10-06-007

California Public Utilities Commission

Informational Meeting

July 10, 2012

Introduction and Welcome

Purpose of Informational Meeting

- To provide information on the CPUC Review Process
- To give you a brief overview of the Draft EIR
- To answer questions about the Proposed Project Alternatives and Draft EIR Impact Analysis
- To explain how the public can participate in CPUC decision-making process
- To accept written comments on the Draft EIR

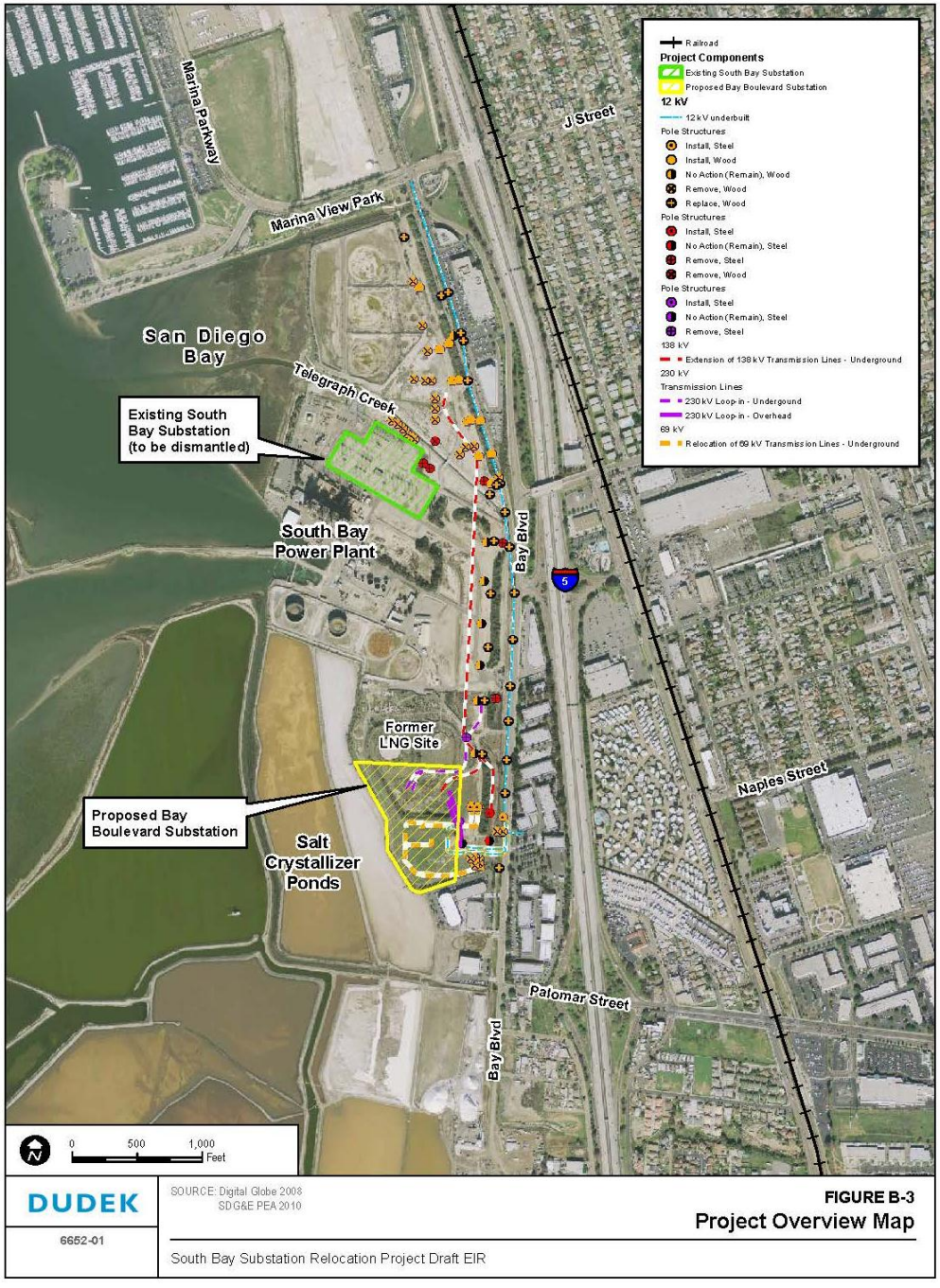
Key Players and their Roles in the CEQA Process

California Public Utilities Commission (CPUC):	Lead Agency under California Environmental Quality Act (CEQA)
San Diego Gas & Electric Company (SDG&E):	Applicant
Dudek:	Environmental Contractor for CPUC

What is the Proposed Project?

Bay Boulevard Substation

- Construction of a new 230/69/12 kV substation to be located at the proposed Bay Boulevard Substation site.
- Transmission Interconnections
  - 230 kV Loop-in
  - 138 kV Extension
  - 69 kV Relocation
- Dismantling and removal of above ground equipment at the Existing South Bay Substation.
- Project construction anticipated to take up to 38 months.


Railroad
Project Components
Existing South Bay Substation
Proposed Bay Boulevard Substation
12 kV
12 kV underbuilt
Pole Structures
Install, Steel
Install, Wood
No Action (Remain), Wood
Remove, Wood
Replace, Wood
Pole Structures
Install, Steel
No Action (Remain), Steel
Remove, Steel
Remove, Wood
Pole Structures
Install, Steel
No Action (Remain), Steel
Remove, Steel
138 kV
Extension of 138 kV Transmission Lines - Underground
230 kV
Transmission Lines
230 kV Loop-in - Undergound
230 kV Loop-in - Overhead
69 kV
Relocation of 69 kV Transmission Lines - Underground
Marina Parkway
Marina View Park
J Street
San Diego Bay
Telegraph Creek
Existing South Bay Substation (to be dismantled)
South Bay Power Plant
Bay Blvd
Former LNG Site
Naples Street
Proposed Bay Boulevard Substation
Salt Crystallizer Ponds
Palomar Street
Bay Blvd
0
500
1,000
Feet
DUDEK
6652-01
SOURCE: Digital Globe 2008
SDG&E PEA 2010
FIGURE B-3
Project Overview Map
South Bay Substation Relocation Project Draft EIR

Applicant's Project Objectives

1. Replace aging and obsolete substation equipment
2. Design a flexible transmission system that would accommodate regional energy needs subsequent to the retirement of the South Bay Power Plant
3. Facilitate the City of Chula Vista's Bayfront redevelopment goals by relocating the South Bay Substation and furthering the goals of the SDG&E—City of Chula Vista MOU
4. Provide for future transmission and distribution load growth for the South Bay region.

CPUC Identified Project Objectives Used to Screen Alternatives

1. Replace aging and obsolete substation equipment
2. Accommodate regional energy needs subsequent to the retirement of the SBPP
3. Provide for future transmission and distribution load growth for the South Bay region.

CPUC Review Process

The CPUC has two parallel review processes for SDG&E's Application for a Permit to Construct:

- General Proceeding (Application # 10-06-007)
- Environmental Review (the CEQA process)

General Proceeding—Permit to Construct

- Scope (defined by California Public Utilities Commission General Order 131-D, Section IX)
  - Identify reasons for adoption of the substation location selected (a detailed analysis of purpose and necessity is not required)
  - Consider community values, proximity to populated areas, parks, recreational areas, scenic area and existing electrical infrastructure
  - Determine significant environmental impacts and evaluate ways to minimize these impacts as required by the California Environmental Quality Act

Environmental Review

CPUC is the “Lead Agency” under CEQA for conducting the environmental review and preparing the EIR.

- Public Agency Disclosure of Significant Effects and means to reduce, avoid and minimize those effects;
- Present discussion of alternatives;
- Provide opportunity for public scrutiny into the planning and decision making process; and
- Ensure that decision makers have a solid basis for making a decision.

Contents of the Draft Environmental Impact Report

Executive Summary

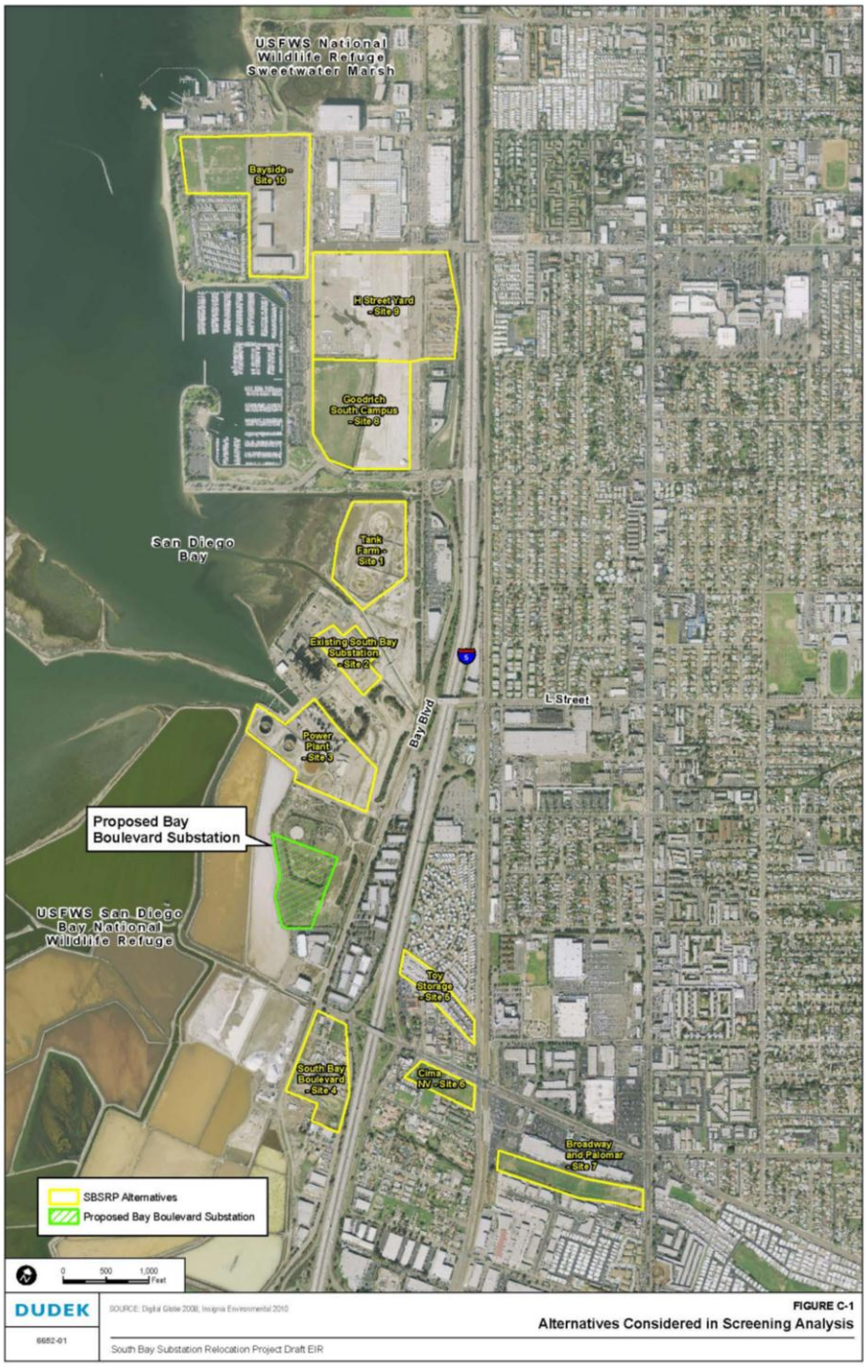
- Section A: Introduction
- Section B: Project Description
- Section C: Alternatives
- Section D: Environmental Impact Analysis
- Section E: Comparison of Alternatives
- Section F: Other CEQA Considerations
- Section G: Mitigation Monitoring and Reporting
- Section H: Public Participation
- Section I: Report Participation
- Supporting Technical Documents
  - http://www.cpuc.ca.gov/environment/info/dudek/sbsrp/SouthBaySub.htm

Environmental Issue Areas for Proposed Project & Alternatives Fully Analyzed

- Air Quality
- Biological Resources
- Cultural Resources
- Geology and Soils
- Hydrology & Water Quality
- Land Use
- Noise
- Public Health & Safety
- Public Services & Utilities
- Population & Housing
- Transportation & Traffic
- Aesthetics

Alternatives Screening Process

- All alternatives were evaluated for ability to meet three CEQA criteria:
  - -- Meet most project objectives;
  - -- Feasibility (technical, legal)
  - -- Reduce or eliminate significant impacts of the Proposed Project
- Draft EIR Section C presents a summary of the alternatives screening process and results
- Alternatives included location alternatives as well as “non-wires” alternatives (generation, conservation)


USFWS National Wildlife Refuge Sweetwater Marsh
Bayside - Site 10
H Street Yard - Site 9
Goodrich South Campus - Site 8
San Diego Bay
Tank Farm - Site 1
Existing South Bay Substation - Site 2
Power Plant - Site 3
Bay Blvd
L Street
Proposed Bay Boulevard Substation
USFWS San Diego Bay National Wildlife Refuge
Toy Storage - Site 5
South Bay Boulevard - Site 4
Broadway and Palomar - Site 7
SBSRP Alternatives
Proposed Bay Boulevard Substation
0 500 1,000 Feet
DUDEK
SOURCE: Digital Globe 2008; Insignia Environmental 2010
6652-01
FIGURE C-1
Alternatives Considered in Screening Analysis
South Bay Substation Relocation Project Draft EIR

Proposed Project vs. Alternatives Summary of Environmental Impact Conclusions by Environmental Resource Area

Environmental Resource Area	Proposed Project	Alt 1 *Gas Insulated Substation Technology at Proposed Site*	Alt 2 *Tank Farm Site – Air Insulated/ Gas Insulated Substation*	Alt 3 *Existing South Bay Substation Site – Air Insulated/Gas Insulated Substation*	Alt 4 *Power Plant Site – Air Insulated/ Gas Insulated Substation*	Alt 5 *Broadway and Palomar Site – Gas Insulated Substation*	Alt 6 *Goodrich South Campus Site – Air Insulated/ Gas Insulated Substation*	Alt 7 *H Street Yard Site – Air Insulated/Gas Insulated Substation*	Alt 8 *Bayside Site – Air Insulated/ Gas Insulated Substation*
D.2 Aesthetics	Less than significant (Class III)	Less than significant (Class III)	+ Less than significant (Class III)	Less than significant (Class III)	+ Less than significant (Class III)	+ Less than significant (Class III)	+ Less than significant (Class III)	+ Less than significant (Class III)	+ Less than significant (Class III)
D.3 Agricultural Resources	No impact	No impact	No impact	No impact	No impact	No impact	No impact	No impact	No impact
D.4 Air Quality	Less than significant (Class III)	- Less than significant (Class III)	+ Less than significant (Class III)	Less than significant (Class III)	Less than significant (Class III)	+ Less than significant (Class III)	+ Less than significant (Class III)	+ Less than significant (Class III)	+ Less than significant (Class III)
D.5 Biological Resources	Significant can be mitigated (Class II)	- Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)	- Significant can be mitigated (Class II)	- Significant can be mitigated (Class II)	- Significant can be mitigated (Class II)	- Significant can be mitigated (Class II)	- Significant can be mitigated (Class II)	- Significant can be mitigated (Class II)
D.6 Cultural Resources	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)
D.7 Geology and Soils	Less than significant (Class III)	Less than significant (Class III)	+ Less than significant (Class III)	+ Less than significant (Class III)	+ Less than significant (Class III)	+ Less than significant (Class III)	+ Less than significant (Class III)	+ Less than significant (Class III)	+ Less than significant (Class III)
D.8 Public Health and Safety	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)
D.9 Hydrology and Water Quality	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)

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D.10 Land Use	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)
D.11 Mineral Resources	No impact	No impact	No impact	No impact	No impact	No impact	No impact	No impact	No impact
D.12 Noise	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)	Significant can be mitigated (Class II)
D.13 Population and Housing	No impact	No impact	No impact	No impact	No impact	No impact	No impact	No impact	No impact
D.14 Public Services	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)
D.15 Recreation	Less than significant (Class III)	Less than significant (Class III)	Less than significant (Class III)	Less than significant (Class III)	Less than significant (Class III)	Less than significant (Class III)	Less than significant (Class III)	Less than significant (Class III)	Less than significant (Class III)
D.16 Transportation/ Traffic	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)	+ Significant can be mitigated (Class II)
D.17 Climate Change	Less than significant (Class III)	+ Less than significant (Class III)	+ Less than significant (Class III)	Less than significant (Class III)	+ Less than significant (Class III)	+ Less than significant (Class III)	+ Less than significant (Class III)	+ Less than significant (Class III)	+ Less than significant (Class III)

- Reduces Project environmental effect
+ Increases Project environmental effect

What is the Conclusion of the DEIR?

Environmentally Superior Alternative
(overall least environmental effects)

- No Project Alternative
- Existing South Bay Substation site

Opportunities for Public Input Environmental Review Process

- ✓ Issuance of NOP and Scoping Meetings – July 13, 2011.
- ✓ Completion of Draft EIR – June 19, 2012
  - -- 45-day Public Review Period to Comment of Draft EIR
  - -- Attend Informal Workshop on Draft EIR
- Comments on Draft EIR by August 2, 2012
- Final EIR – September 2012
  - -- Send to Public Agencies for 10-day Review Period
- Certification of EIR – November 2012

Written Comments on the Draft EIR Must be Received or Postmarked by August 2, 2012

Please send comments to:

Jensen Uchida
California Public Utilities Commission
c/o Dudek
605 Third Street
Encinitas, CA 92024

Please be sure to include your name, address, and phone number on all comments.

For More Information:

- Check our Internet website:
  http://www.cpuc.ca.gov/environment/info/dudek/sbsrp/SouthBaySub.htm
- Information Repositories:

- **South Chula Vista Branch Library**
  389 Orange Avenue
  Chula Vista, CA 91911
- **Civic Center Branch Library**
  365 “F” Street
  Chula Vista, CA 91910