



Don Houston
Environmental Project Manager
1010 Tavern Road
Alpine, CA 91901
(T) XXX-XXX-XXXX
(F) XXX-XXX-XXXX

March 11, 2014

Mr. Eric Chiang
Project Manager
California Public Utilities Commission
505 Van Ness Avenue, 4th Floor
San Francisco, CA 94102

Re: Notice to Proceed (NTP) Request #14 to Construct the Southwest Powerlink (SWPL) Loop-In

Dear Mr. Chiang:

On June 21, 2012, the California Public Utilities Commission (CPUC) selected the East County (ECO) Substation Alternative Site combined with the ECO Partial Underground 138 kilovolt (kV) Transmission Route Alternative (Decision A.09-08-003) as the approved ECO Substation Project (Project). The decision grants San Diego Gas & Electric Company (SDG&E) a Permit to Construct and conditionally authorizes construction of the Project with the implementation of pre-construction mitigation measures (MMs). A Notice of Determination was submitted to the State Clearinghouse on June 21, 2012, indicating the CPUC's approval of the Project.

Purpose

SDG&E is formally requesting authorization from the CPUC to begin construction of the SWPL loop-in to connect the existing 500 kV SWPL transmission line to the ECO Substation site. The SWPL loop-in site is located directly north and east of the ECO Substation site at 47317 Old Highway 80, approximately 0.5 mile south of Interstate 8 and four miles east of the community of Jacumba. The SWPL loop-in includes the installation of five three-pole dead-end structures and one H-frame tangent structure east of the ECO Substation fence. A permanent maintenance pad will be cleared and graded around each of the six structure locations to accommodate installation and maintenance. In addition, seven pull sites are required to install the SWPL loop-in. New permanent dirt access roads, approximately 20 feet wide and totaling approximately 2,000 feet long, will be constructed from the SWPL right-of-way to SWPL loop-in structures SD-1, SD-2, SD-3, and SD-5. Existing dirt access roads will be utilized for SWPL loop-in structures SD-4 and SD-6. The SWPL loop-in structures and access roads are located on SDG&E-owned land. The locations of the structures to be constructed under this NTP are depicted in Attachment A: SWPL Loop-in Overview Map. In addition to the activities described above, this NTP request includes the extension of fiber optic cable from adjacent Sunrise Powerlink transmission structures to the SWPL loop-in.

The SWPL loop-in will allow the existing 500 kV SWPL transmission line to connect to the new 500/230/138 kV ECO Substation. A separate NTP to construct the ECO Substation was granted by the CPUC on February 1, 2013. At this time, SDG&E is formally requesting authorization from the CPUC to begin construction of the SWPL loop-in. Construction methods, equipment, and structures to be installed for the SWPL loop-in were described in detail and fully analyzed in the Final Environmental Impact Report/Environmental Impact Statement (EIR/EIS). In addition, minor changes to the SWPL loop-in from what was described in the Final EIR/EIS were detailed in Minor Project Refinement (MPR) request #12, which was approved by the CPUC on March 11, 2014.

Pre-Construction Mitigation Measures

As of this request, all pre-construction measures have been completed. In accordance with Mitigation Measures (MMs) VIS-3d, VIS-3e, and CUL-1d, final engineering plans for the SWPL loop-in depicting access roads and noting the archaeological monitoring requirements are included as Attachment B: Final Engineering Plans. Attachment C: Conductor Purchase Order demonstrates that non-specular conductors and dulled-metal finish structures will be installed in compliance with MM VIS-3i and VIS-3j. In addition, an objects grounded memo, in compliance with MM PS-2, is included as Attachment D: Objects Grounded Memo. All other required MMs, as stated in the Mitigation Monitoring, Compliance, and Reporting Program, will be implemented during construction.

Activity Summary

Construction of the SWPL loop-in will occur in accordance with the descriptions provided in Sections B.3 and C.4.1.1 of the Final EIR/EIS, Attachment A: Updated Project Description and ECO Substation Alternative Site, which was included in SDG&E's comments on the Draft EIR/EIS that were submitted to the CPUC on March 4, 2011, and MPR request #12. The information described in these documents includes specific details pertaining to grading and disturbance areas, material staging and storage, and aboveground equipment for the SWPL loop-in, among other features.

Upon completion of the Project, all areas of temporary disturbance will be restored to their original condition. This will include removal of any temporary facilities, as well as collection and proper disposal of any waste, trash, and debris. Construction of the SWPL loop-in is anticipated to take approximately three to four months to complete, beginning in March 2014 and ending in June 2014.

We respectfully request authorization of this NTP request by March 14, 2014, so that we can begin construction activities at the SWPL loop-in site and meet the overall Project schedule. Should you have any questions or need additional information, please do not hesitate to contact me at (XXX) XXX-XXXX.

Sincerely,



Don Houston
SDG&E Environmental Project Manager

Attachment A: SWPL Loop-in Overview Map
Attachment B: Final Engineering Plans
Attachment C: Conductor Purchase Order
Attachment D: Objects Grounded Memo

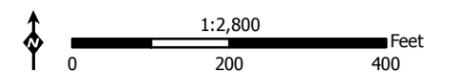
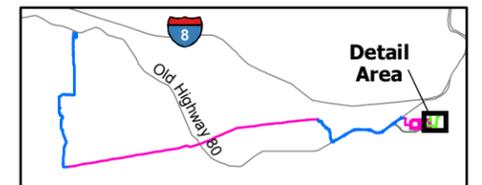
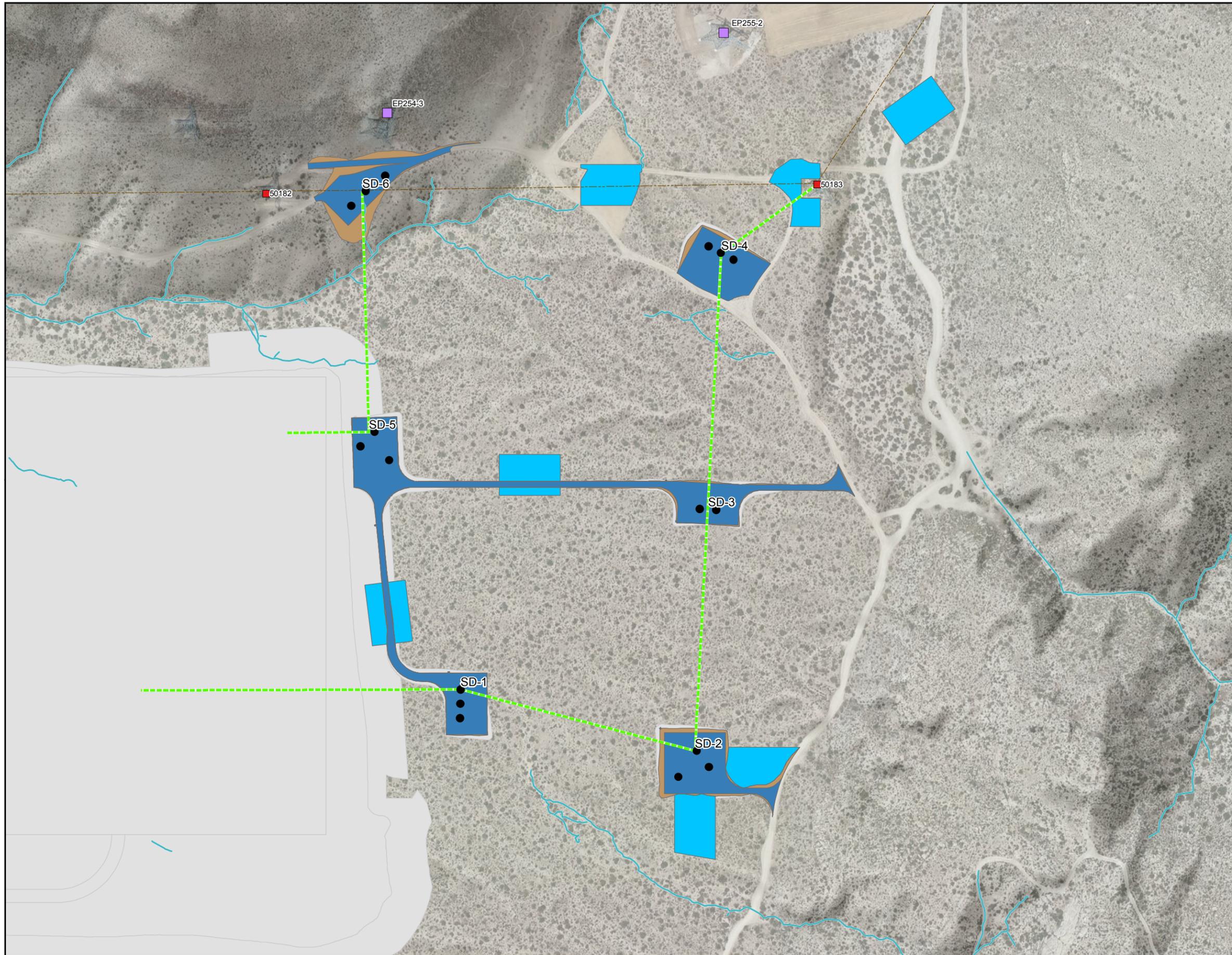
cc: Kirstie Reynolds, SDG&E
David Hochart, Dudek
Anne Marie McGraw, Insignia Environmental
Jeffrey Coward, Insignia Environmental

ATTACHMENT A: SWPL LOOP-IN OVERVIEW MAP

**Attachment A:
Southwest Powerlink (SWPL) Loop-In
Overview Map**

East County Substation Project

-  Existing Sunrise Powerlink Tower
 -  Existing SWPL Loop-In Structure
 -  SWPL Loop-In Structure Foundation
 -  SWPL Loop-In Overhead
 -  Existing Transmission Line
 -  Drainage
- Work Areas**
-  Grading
 -  Pad/New Access Road
 -  Pull Site



ATTACHMENT B: FINAL ENGINEERING PLANS

Due to its confidential nature, Attachment B: Final Engineering Plans has been removed.

ATTACHMENT C: CONDUCTOR PURCHASE ORDER



4725 HWY 28 EAST
 PINEVILLE, LA 71360
 PH (318) 487-9599
 FAX (318) 442-1741

Purchase Order

DATE REQUIRED: SEE NOTES

FREIGHT: FOB JOBSITE
 PREPAID &
 ALLOWED

P.O. #:	B533-D156
REVISION: 0	ORDER DATE: 02/07/14
REVISION:	DATE:
SIGNED:	Trinity Deville

T.D. Light
 signature

TO: Agile Sourcing Partners, Inc.
 2385 Railroad Avenue
 Corona, California 92880

Attn: Maria Thompson

MARK: BETA ENGINEERING CALIFORNIA LP
 EAST COUNTY SUBSTATION PROJECT
 BETA P.O. NO. B533-D156

SHIP TO: **DIS-TRAN POLE JOB # 12-3070P**
 BETA ENGINEERING CALIFORNIA LP
 EAST COUNTY SUBSTATION PROJECT
 47317 OLD HWY 80
 JACUMBA, CA 91934
 ATTN: TOBY SMITH
 WESLEY BUTSCH

ITEM	QTY	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	UNIT PRICE	EXTENDED PRICE
	LOT	STEEL STRUCTURES (APPROXIMATELY 441,000 LBS.) CONSISTS OF THE FOLLOWING: QTY = 1, STRUCTURE SD-1 QTY = 1, STRUCTURE SD-2 QTY = 1, STRUCTURE SD-3 QTY = 1, STRUCTURE SD-4 QTY = 1, STRUCTURE SD-5 QTY = 1, STRUCTURE SD-6	DIS-TRAN			
					Sub-Total	
					8% Sales Tax	
					Agile's 1.0% Mark-up	
					Total Purchase Order Amount	



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 PINEVILLE, LA 71360
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Purchase Order

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 ATTN: TOBY SMITH
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ITEM	QTY	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	UNIT PRICE	EXTENDED PRICE
		<u>Notes to Equipment Vendor:</u>				
	1.					
	2.					
	3.	Steel shall be hot dipped galvanized, then dulled by sweep blasting.				
	4.					
	5.					
	6.					



**EAST COUNTY SUBSTATION
500/230/138KV SUBSTATION
SAN DIEGO GAS & ELECTRIC**

MATERIAL LIST:	B533-ML
BETA PROJECT NO	B533
REVISION:	T-22
DATE:	OCTOBER 17, 2013

ITEM	QTY	DESCRIPTION	MANUFACTURER	CATALOG NUMBER
		<p style="text-align: center;"><u>SWPL LOOPIN</u></p> <p>GALVANIZED STEEL STRUCTURES QTY = 1, STRUCTURE SD-1 QTY = 1, STRUCTURE SD-2 QTY = 1, STRUCTURE SD-3 QTY = 1, STRUCTURE SD-4 QTY = 1, STRUCTURE SD-5 QTY = 1, STRUCTURE SD-6</p>	DIS-TRAN	
901	33,000	2156 MCM ACSR/AW, 84/19 STRAND, "BLUEBIRD" (NON-SPECULAR)		
902	6,000	1/2" DIA. SHIELD WIRE, E.H.S. GRADE. 7 STRAND		
903	6,200	OPGW CABLE WITH 72 SINGLE MODE FIBERS 1 X 6,200' REEL	AFL	AC-27/75/683
904	800	ADSS FIBER OPTIC CABLE, 72 FIBER	AFL	AE072AKO621BA3
906	400	4/0 COPPER, 7 STRAND, BARE, SOFT DRAWN		
910	5,069	PORCELAIN SUSPENSION INSULATOR, ANSI CLASS 52-8, 40,000# (10% SPARE)	NGK-LOCKE	40S360
911	800	PORCELAIN SUSPENSION INSULATOR, ANSI CLASS 52-3, 20,000# (10% SPARE)	NGK-LOCKE	20S840
913	90	ANCHOR SHACKLE, 120,000# (12 SPARE)	LINDSEY	3264A BNC

ATTACHMENT D: OBJECTS GROUNDED MEMO



EAST COUNTY SUBSTATION PROJECT DESIGN MEMORANDUM

TO: SAN DIEGO GAS & ELECTRIC CO.

DATE: MARCH 4, 2014

BY: ROSS TWIDWELL, P.E.

SUBJECT: ITEMS TO BE GROUNDED ALONG TL50001 AND TL50004 AT THE ECO SUBSTATION LOOP-IN

Beta has completed a walkthrough of the TL50001 and TL50004 corridor at the East County Substation loop-in to identify items that may require grounding. There were no items found to be grounded. The future substation fence to be installed will be grounded to the substation ground grid.

Respectfully,

Ross Twidwell, P.E.

