

Southern California Edison
WODUP A.13-10-020

DATA REQUEST SET A.13-10-020 WODUP ED-SCE-01

To: ENERGY DIVISION
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Dated: 02/21/2014

Question PU-2:

Public Utilities and Service Systems

PU-2 Please provide information regarding the amount of water anticipated to be needed for construction of the Proposed Project and the where water required for construction would be obtained for each project segment.

Response to Question PU-2:

The estimated amount of water needed to support construction activities related to fugitive dust mitigation, vegetation restoration, and soil compaction/concrete placement for the West of Devers Upgrade Project was developed using assumptions related to the area of land disturbance, project duration, seasonal timing of work (i.e. evapotranspiration), type of construction activity, and roadway access/conditions.

It is estimated that SCE could use up to 210-250 acre-feet of water on an annual basis related to construction. SCE estimated this amount based on a high use case scenario in order to allow for a conservative environmental analysis.

SCE is providing the following information related to historical water usage for reference to a similar construction project, located in an arid climate. The El Dorado-Ivanpah Transmission Project (EITP), a transmission line replacement and telecommunication replacement project, is located in Mojave Desert in southwestern Nevada and eastern California. Using a detailed construction plan and final engineering, SCE estimated water usage for the EITP at approximately 380 acre-feet for ten months of construction. However, based on seasonal variations (i.e., higher total rainfall and cooler weather), and utilizing Best Management Practices the actual water usage for EITP was approximately 100 acre-feet.

Attached for your review is a listing of water purveyors that are located in the project area. Once final engineering is completed, SCE will be contacting these water purveyors to determine the availability of water with the intention of minimizing the distance traveled due to air quality concerns.

Sources for Construction Water
West of Devers Project
Southern California Edison

Location	Water Provider	Type (City, ID, Private)	Contact Name (title)	Phone Number	Address	Weblink	Notes
San Bernardino CO. (Vista Sub to Co. Line)							
Colton, CA	City of Colton Water Division	City	--	909-370-6131	160 S. 10th Street Colton, CA 92324	http://www.ci.colton.ca.us/index.aspx?nid=180	https://maps.google.com/maps?q=city+of+colton&ie=UTF-8&hq=&hnear=0x80c4a685df718ced:0x674a567510e91e3f,Colton,+CA&gl=us&ei=yEh4Uea8D-uNOQGhoIACACw&ved=0CjIBELyD
Grand Terrace, CA	Riverside Highland Water Company	Corporation	--	909-825-4128	12374 Michigan Street Grand Terrace, CA 92313	http://rhwco.com/index.html	https://maps.google.com/maps?q=loma+linda,+ca&ie=UTF-8&hq=&hnear=0x80dcab92206e4d73:0xcd1f51ac8ed3b285,Loma+Linda,+CA&gl=us&ei=KF94Ubqnl8PC4APdIYGyBA&ved=0CKABELyD
Loma Linda, CA	City of Loma Linda Water Division	City	T.Jarb Thajpejr (City Manager/Public Works Director)	909-799-2800	25541 Barton Road Loma Linda, CA 92354	http://www.lomalinda-ca.gov/asp/Site/ContactUs/index.asp	https://maps.google.com/maps?q=loma+linda,+ca&ie=UTF-8&hq=&hnear=0x80dcab92206e4d73:0xcd1f51ac8ed3b285,Loma+Linda,+CA&gl=us&ei=KF94Ubqnl8PC4APdIYGyBA&ved=0CKABELyD
San Bernardino, CA	San Bernardino Municipal Water Department	City	--	909-384-5141	300 N. D. Street - 5th Floor San Bernardino, CA 92418	http://www.sbcity.org/water/default.asp	https://maps.google.com/maps?q=loma+linda,+ca&ie=UTF-8&hq=&hnear=0x80dcab92206e4d73:0xcd1f51ac8ed3b285,Loma+Linda,+CA&gl=us&ei=KF94Ubqnl8PC4APdIYGyBA&ved=0CKABELyD
--	--	--	--	--	--	http://www.sbcity.org/civica/filebank/blobload.asp?BlobID=3270	--
Highlands, CA	East Valley Water District	Organization		909-889-9501	3654 E. Highland Ave. Ste 18 Highland, CA 92346	http://www.eastvalley.org/	https://maps.google.com/maps?hl=en&q=highland+ca&ie=UTF-8&hq=&hnear=0x80db4c9ef448e07:0xd6d46f40431e860d,Highland,+CA&gl=us&ei=WnB5UYeCDYOmIQK_04CQAw&ved=0CjIsBELyD
Redlands, CA (Redlans, Metone, parts of Crafton Hills and San Timoteo Canyon, and a small part of San Bernardino)	Redlands Municipal Utilities & Engineering Department	City	--	909-798-7585 ext. 2	35 Cajon Street Redlands, CA 92373	http://www.cityofredlands.org/MUED	https://maps.google.com/maps?hl=en&q=redlands,+ca&ie=UTF-8&hq=&hnear=0x80db53c64196b143:0x75d9e9ca3bdbba67,Redlands,+CA&gl=us&ei=oxV5UeXdBmWIAKv0oHoBw&ved=0CKABELyD
Calimesa, CA	South Mesa Water Co.	Public agency	Anybody that answers the phone can help	(909)795-2401	391 West Avenue L, Calimesa, CA 92320	http://southmesawater.com/	rate summary: http://southmesawater.com/Rates.html , call for application form
Calimesa, CA	Yucaipa Valley Water District	Public agency		(909) 797-5118	12770 Second Street Yucaipa, CA 92399	http://www.yvwd.dst.ca.us/	recycled water is available for use
Beaumont, CA	Beaumont Cherry Valley Water District	Public agency		(951) 845-9581	560 Magnolia Avenue Beaumont, CA 92223-2258	www.bcvwd.org	meter rental applications: http://www.bcvwd.org/applications.asp
Banning, CA	City of Banning Water Division	City	Duane Burk (Public Works Director)	951-922-3281	176 E. Lincoln Street Banning, CA 92220	http://www.ci.banning.ca.us/index.aspx?nid=22	
Cabazon, CA	Cabazon Water District	Muni. Water District	Ellen Koumparis (ekoumparis@cabazonwater.org)	951-849-4442	50256 Main Street P.O. Box 297 Cabazon, CA 92230	http://www.cabazonwater.org/	Application form requested \$1000 Meter Deposit \$85 Set-up Fee \$1600 Damaged Unit Fee
Palm Springs, CA	Desert Water Agency	Irrigation District	sjohnson@dwa.org (Engr. Dept.)	760-323-4971	1200 Gene Auntry Trail Palm Springs, CA 92264	http://www.dwa.org/index.php?option=com_content&view=article&id=60&Itemid=16	\$532.67 per AF \$680 Meter Deposit \$350 Backflow Device \$120 Installation (meter and backflow dev.) \$60 Relocation Fee
Coachella Valley and East Palm Springs, CA	Coachella Valley Water District	Regional Water District		760-391-9600	PO Box 1058 Coachella, CA 92236	http://www.cvw.org/service/rates.php	Developer Rates: Area 1 (Rates Increase from June -Sept) \$500 - \$590 per AF \$125 - 190 Mo. Service Charge \$170 - 500 Relocation Charge \$2,500 Deposit \$120 - \$50 Install and Removal
Desert Hot Springs, CA	Mission Springs Water District	Water District		760-329-6448 ext. 149 or 126 (Engr. Dept.)	66575 Second Street Desert Hot Springs, CA 92240	https://www.mswd.org/engineering.aspx	\$800 Deposit \$35 Connection Charge \$35 Relocation Charge \$18 Disconnection Fee

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CPUC Regulated Water Agencies

http://www.cpuc.ca.gov/NR/rdonlyres/AA621F45-C3C2-415B-89B9-12F7007F331D/0/Water_Uilities_by_County_100312.pdf

Riverside:

Ramona Water Co.

Spring Crest Water & Power Co.

Stone Creek Water Co.

San Bernardino:

Apple Valley Ranchos Water Company

Golden State Water Company

Havasu Water Company

Lakeview Water Company

Lytle Springs Water Company

Park Water Company

San Gabriel Valley Water Company

Searles Domestic Water Company

Yermo Water Company