



Lake Elsinore Advanced Pumped Storage Project (LEAPS)

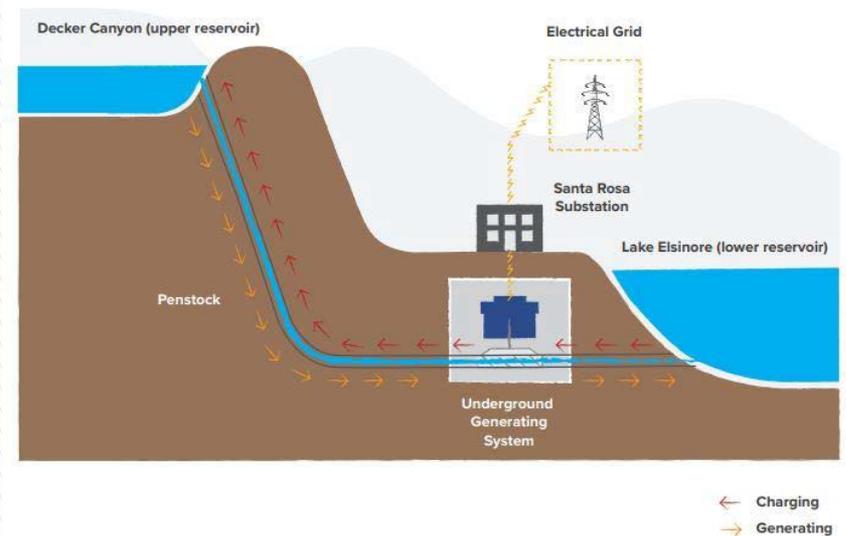


April 9, 2019

Advanced Pumped Storage

- Upper reservoir
- Lower reservoir
- Connecting tunnel
- Reversible turbines/pumps in underground powerhouse
- Connections to electrical grid

Pumped Storage:
A water-based battery



Lower Reservoir – the Lake

- 3,075 surface acres at elevation 1,240 MSL
- Current elevation 1,241.5 MSL
- Optimal operating range – elevation 1,240 to 1,249



Upper Reservoir – Decker Canyon

- Approximately 120 surface acres with open reservoir
- Dam will rise approximately 200 feet above the current grade
- Capacity of 5,750 acre feet of water



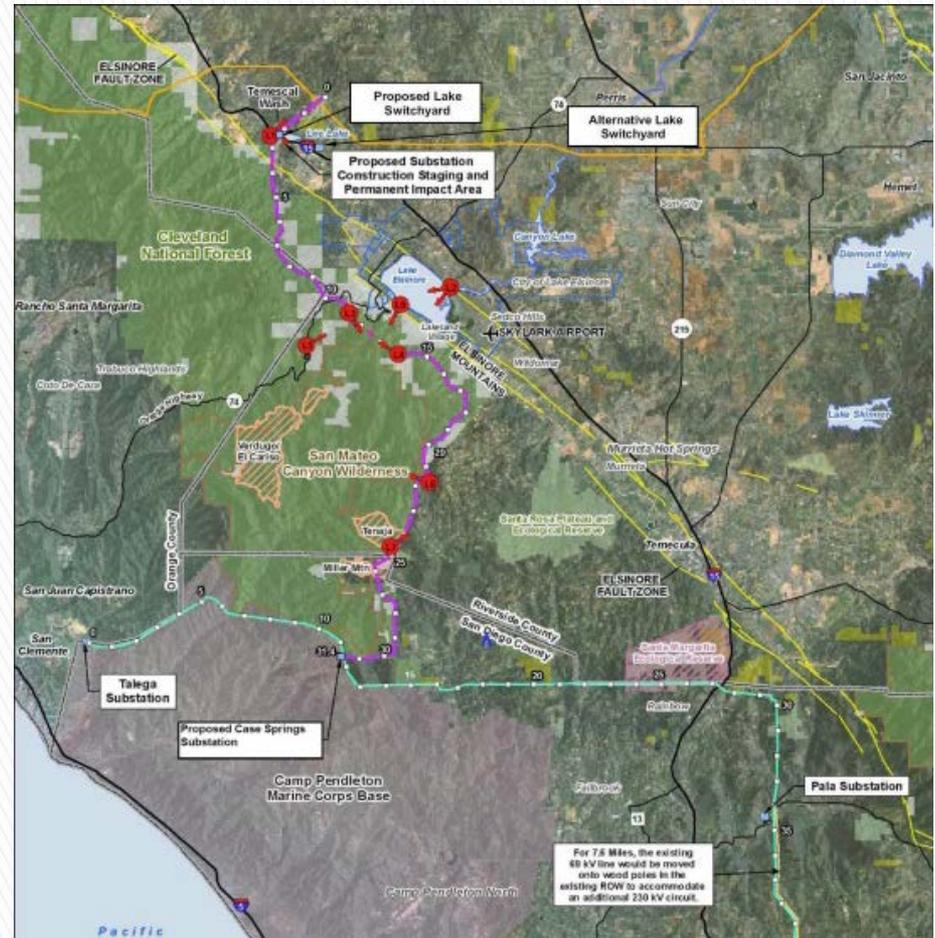
Powerhouse and Pumps

- The powerhouse will be underground near Grand Avenue west of Santa Rosa in Lakeland Village
- The turbines can produce 500 MW of electrical power for up to 12 hours
- The pumps will convey water back from the Lake to Decker Canyon during down time.



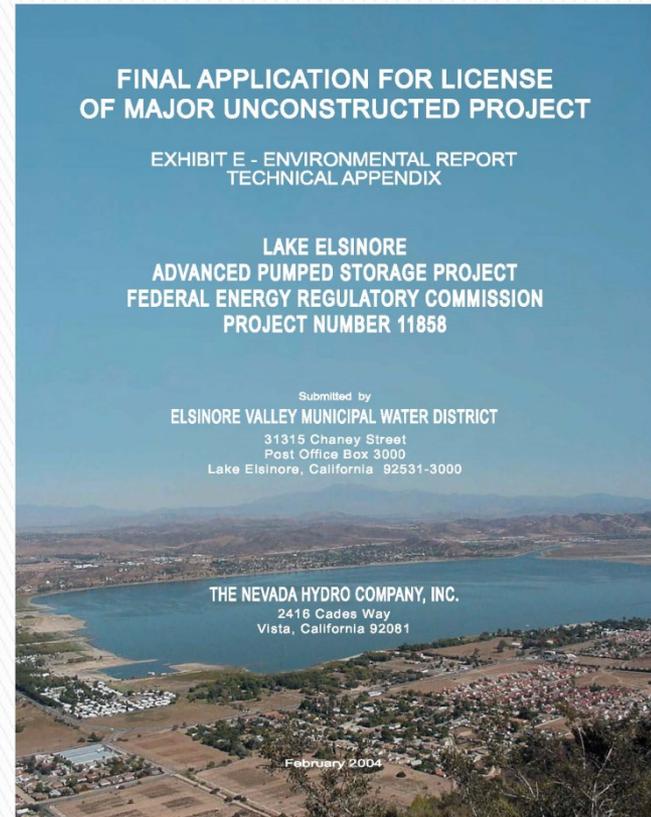
Connecting to the grid

- LEAPS includes 32 miles of high power transmission lines and towers connecting the powerhouse to the grid
- The lines primarily run through the Cleveland National Forest
- A line will connect to existing transmission lines near Lee Lake to the north (or possibly at the proposed Alberhill Substation if approved by the PUC)
- A line will connect to existing transmission lines near Camp Pendleton to the south.



LEAPS Part 1 – a very brief history

- EVMWD first explored the LEAPS concept in the mid-1990's
- In 1997, EVMWD partnered with Nevada Hydro as co-applicants in LEAPS and pursued permit from Federal Energy Regulatory Commission (FERC)
- When the project ran into difficulties getting a state water quality permit in 2011, EVMWD suddenly withdrew its support
- FERC dismissed the joint LEAPS application



Litigation ...

- Following dismissal, Nevada Hydro sued EVMWD for breach of contract
- EVMWD countersued
- The lawsuit dragged on for 6 years

1 Eugene P. Yale, Esq. SBN 83048
David W. Baumgarten, Esq. SBN 179574
2 YALE & BAUMGARTEN, LLP
3 5030 Camino de la Siesta, Ste. 308
San Diego, California 92108
4 Tel.: (619) 220-8790
Fax: (619) 220-0369
5 Attorneys for Plaintiff
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

FILED
NORTH COUNTY DIVISION
2012 SEP 12 PM 3:23
CLERK SUPERIOR COURT
SAN DIEGO COUNTY, CA

SUPERIOR COURT OF CALIFORNIA
COUNTY OF SAN DIEGO, NORTH COUNTY DIVISION

THE HYDRO COMPANY, INCORPORATED, doing business in California as THE NEVADA HYDRO COMPANY, INC.,	}	CASE NO: 37-2012-00057077-CU-BC-NC COMPLAINT FOR DAMAGES
Plaintiff,	}	[JURY TRIAL DEMANDED]
v.	}	
ELSINORE VALLEY MUNICIPAL WATER DISTRICT; and DOES 1 to 25, inclusive,	}	
Defendants.	}	

COMES NOW, the plaintiff, The Hydro Company, Incorporated, as and for causes of action against the defendants, and each of them, alleges:

PRELIMINARY ALLEGATIONS

1. The plaintiff, The Hydro Company, Incorporated, is and at all times mentioned herein was a Nevada corporation doing business in California as The Nevada Hydro Company, Inc., ("Nevada Hydro"). Nevada Hydro specializes in the development of hydroelectric facilities and related transmission lines. Nevada Hydro maintains its principal place of business within the County of San Diego at 2416 Cades Way, Vista, California 92083.

///

COMPLAINT

...and Settlement

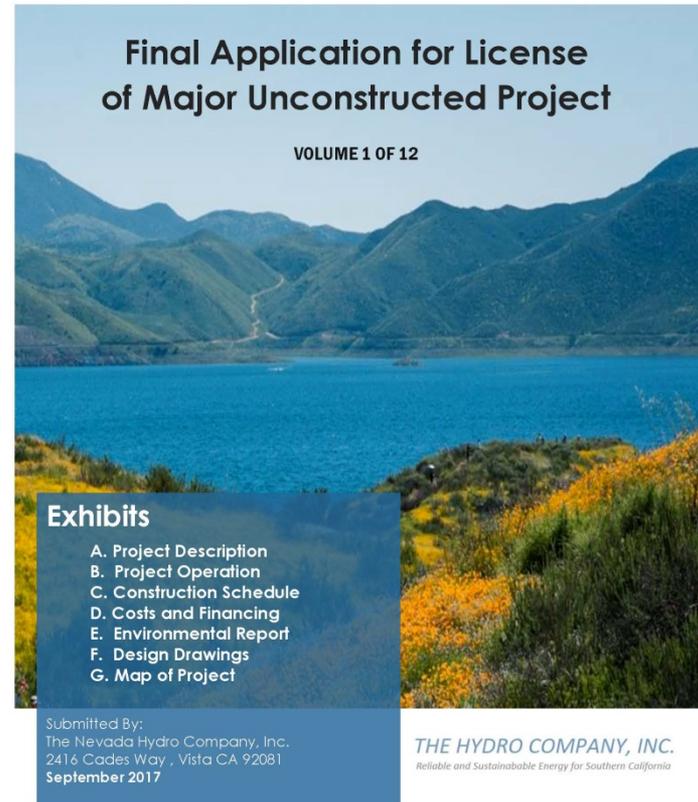
- Nevada Hydro and EVMWD settled the lawsuit last year.
- EVMWD will obtain project related water for LEAPS
- Nevada Hydro has agreed to add 15,000 acre feet of water to the Lake along with water lost to evaporation in the upper reservoir
- 6,000 acre feet will fill up the upper reservoir
- Remaining 9,000 acre feet will add about 3–feet to the Lake's surface elevation

1	DAVID W. BAUMGARTEN, Bar No. 179574 baum@yblaw.com	FILED <small>Clerk of the Superior Court</small> JUL 27 2018 By: T. Dietrich, Deputy
2	YALE & BAUMGARTEN, LLP 1450 Frazee Rd., Ste. 403 San Diego, California 92108 Telephone: (619) 220-8790 Facsimile: (619) 220-0369	
3	Attorneys for Plaintiff and Cross-Defendant THE HYDRO COMPANY, INCORPORATED, doing business in California as THE NEVADA HYDRO COMPANY, INC.	
4		
5	JAMES B. GILPIN, Bar No. 151466 james.gilpin@bbkllaw.com	
6	BEST BEST & KRIEGER LLP 655 West Broadway, 15th Floor San Diego, California 92101 Telephone: (619) 525-1300 Facsimile: (619) 233-6118	
7		
8	Attorneys for Defendant and Cross-Complainant ELSINORE VALLEY MUNICIPAL WATER DISTRICT	
9		
10		
11		
12		
13		
14		
15		
16		
17		
18	THE HYDRO COMPANY, INCORPORATED, doing business in California as THE NEVADA HYDRO COMPANY, INC.,	Case No. 37-2012-00057077-CU-BC-NC Judge: Hon. Timothy Casserly Dept.: N-31 [IMAGED FILE]
19		
20	Plaintiff,	
21		
22	v.	
23	ELSINORE VALLEY MUNICIPAL WATER DISTRICT; and DOES 1 TO 25, inclusive,	JOINT APPLICATION FOR ENTRY OF CONSENT JUDGMENT
24		
25	Defendant.	Complaint Filed: September 12, 2012
26		
27	AND RELATED CROSS-ACTION.	
28		
	02335.00306031325281.1	
		JOINT APPLICATION FOR ENTRY OF CONSENT JUDGMENT

LEAPS – the sequel

- Nevada Hydro kept the project alive by refiling a new application with FERC in 2012.
- Little activity until 2017
- Nevada Hydro is now moving the application forward by submitting updated plans and studies
- Study submittals are to be completed by June 30, 2019.

LEAPS Lake Elsinore Advanced Pumped Storage Project
Federal Energy Regulatory Commission Project Number 14227



Next step – Public input

- FERC will hold additional public scoping meetings once the updated studies are submitted
- FERC will also invite public comment on the Environmental Impact Statement when it is ready



Tonight's Agenda

Identifying the community's priority concerns in advance of the upcoming public input phase

- Water quantity and quality
 - Shoreline impacts
 - Construction Impacts
 - Community benefits to offset long term impacts
- 

Recommendation

