

Project	Project Name	Licensee	Waterway	St	Authorized KW	Issue Date	Expiration Date
176	ESCONDIDO	ESCONDIDO CITY OF (CA)	SAN LUIS REY R	CA	1640	6/26/28	6/25/78
1398	TRANSMISSION LINE NUMBER 1398	SOUTHERN CALIFORNIA EDISON CO (CA)		CA	0	6/16/43	12/1/90
344	SAN GORGONIO	SOUTHERN CALIFORNIA EDISON CO (CA)	SAN GORGONIO RIVER	CA	2250	5/19/87	4/27/07
2086	VERMILION VALLEY	SOUTHERN CALIFORNIA EDISON CO (CA)	MONO CREEK	CA	0	9/30/57	9/1/07
2107	POE	PACIFIC GAS AND ELECTRIC CO (C)	NORTH FORK FEATHER RIVER	CA	140000	10/27/57	10/1/07
2105	UPPER NORTH FORK FEATHER RIVER	PACIFIC GAS AND ELECTRIC CO (C)	NORTH FORK FEATHER RIVER	CA	362300	1/25/59	11/1/08
2130	SPRING GAP-STANISLAUS	PACIFIC GAS AND ELECTRIC CO (C)	STANISLAUS RIVER	CA	90750	2/22/59	1/1/09
2174	PORTAL	SOUTHERN CALIFORNIA EDISON CO (CA)	RANCHERIA CREEK	CA	10800	4/20/59	4/1/09
178	KERN CANYON	PACIFIC GAS AND ELECTRIC CO (C)	KERN RIVER	CA	9540	9/8/83	5/1/09
2100	FEATHER RIVER	CALIFORNIA DEPT-WTR RESOURCES (CA)	FEATHER RIVER	CA	762850	2/12/61	2/1/11
606	KILARC - COW CREEK	PACIFIC GAS AND ELECTRIC CO (C)	SOUTH COW CREEK	CA	4440	2/9/84	3/28/11
2101	UPPER AMERICAN RIVER	SACRAMENTO MUNICIPAL UTIL DIST (CA)	SOUTH FORK AMERICAN R	CA	637257	8/29/61	8/1/11
2155	CHILI BAR	PACIFIC GAS AND ELECTRIC CO (C)	SOUTH FORK AMERICAN RIVER	CA	7000	8/29/66	8/1/11
2085	MAMMOTH POOL	SOUTHERN CALIFORNIA EDISON CO (CA)	SAN JOAQUIN RIVER	CA	150938	12/31/61	12/1/11
67	BIG CREEK NOS 2A,8 & EASTWOOD	SOUTHERN CALIFORNIA EDISON CO (CA)	SOUTH FORK SAN JOAQUIN RIVER	CA	373320	8/10/82	3/1/13
120	BIG CREEK NO 3	SOUTHERN CALIFORNIA EDISON CO (CA)	SAN JOAQUIN RIVER	CA	165375	9/8/81	3/1/13
2175	BIG CREEK NO.1 & NO.2	SOUTHERN CALIFORNIA EDISON CO (CA)	SAN JOAQUIN RIVER	CA	150150	3/28/63	3/1/13
2088	SOUTH FEATHER POWER	SOUTH FEATHER WATER AND POWER AGENC	SOUTH FORK FEATHER RIVER	CA	104100	7/22/56	4/1/13
2281	WOODLEAF KANAKA T. L.	PACIFIC GAS AND ELECTRIC CO (C)	BUTTE CO	CA	0	11/2/65	4/1/13
4851	SLY CREEK T. L.	PACIFIC GAS AND ELECTRIC CO (C)		CA	0	2/13/86	4/1/13
803	DESABLA-CENTERVILLE	PACIFIC GAS AND ELECTRIC CO (C)	WEST BRANCH FEATHER RIVER	CA	26650	6/13/84	10/12/13
6885	CINNAMON RANCH	MOSS RICHARD	MIDDLE CREEK	CA	175	12/27/89	1/1/14
1992	FIRE MOUNTAIN	WILLIS KEN	FERN SPRINGS CREEK	CA	15	5/7/84	5/1/14
2106	MCCLLOUD-PIT	PACIFIC GAS AND ELECTRIC CO (C)	PIT RIVER	CA	340500	8/19/65	8/1/15
2079	MIDDLE FORK AMERICAN RIVER	PLACER COUNTY WATER AGENCY (CA)	MIDDLE FORK AMERICAN R	CA	211153	3/2/67	3/1/17
2479	FRENCH MEADOWS T. L.	PACIFIC GAS AND ELECTRIC CO (C)		CA	0	7/1/69	3/1/17
2266	YUBA-BEAR	NEVADA IRRIGATION DISTRICT (CA)	SOUTH YUBA RIVER	CA	79920	6/25/67	5/1/17
2310	DRUM-SPAULDING	PACIFIC GAS AND ELECTRIC CO (C)	SOUTH YUBA RIVER	CA	181205	6/25/67	5/1/17
2784	ROLLINS T. L.	PACIFIC GAS AND ELECTRIC CO (C)		CA	0	4/14/82	5/1/17
2179	MERCED RIVER	MERCED IRRIGATION DISTRICT (CA)	MERCED RIVER	CA	89100	4/19/68	3/1/18
2467	MERCED FALLS	PACIFIC GAS AND ELECTRIC CO (C)	MERCED RIVER	CA	3440	7/29/73	3/1/18
2246	YUBA RIVER	YUBA COUNTY WATER AGENCY (CA)	OREGON CREEK	CA	361900	5/17/67	4/1/20
2299	NEW DON PEDRO	TURLOCK IRRIGATION DISTRICT (CA)	TUOLUMNE R	CA	168015	3/11/68	5/1/20
2678	NARROWS NO. 2-SMARTVILLE T. L.	PACIFIC GAS AND ELECTRIC CO (C)		CA	0	7/2/73	5/1/20
619	BUCKS CREEK	PACIFIC GAS AND ELECTRIC CO (C)	NOTTH FORK FEATHER RIVER	CA	84800	12/20/78	1/1/23
1250	AZUSA	PASADENA CITY OF (CA)	SAN GABRIEL RIVER	CA	3000	1/6/93	1/1/23
10852	ACE RANCH	BERTEA, RICHARD	WEST FORK CARSON RIVER	CA	95	12/1/94	2/1/25
2997	CAMP FAR WEST	SOUTH SUTTER WATER DISTRICT (CA)	BEAR RIVER	CA	6800	7/3/85	7/1/25
10821	CAMP FAR WEST T. L.	PACIFIC GAS AND ELECTRIC CO (C)		CA	0	4/20/94	7/1/25
298	KAWEAH	SOUTHERN CALIFORNIA EDISON CO (CA)	KAWEAH R.(EAST,MARBLE & MIDDLE FKS.	CA	6850	2/1/96	1/1/26
2426	CALIFORNIA AQUEDUCT	CALIFORNIA DEPT-WTR RESOURCES (CA)	CALIFORNIA AQUEDUCT	CA	1679100	3/23/82	2/1/26

8936	POWER CANAL	BES HYDRO CO (CA)	TAILRACE CANAL OF PROJECT 77	CA	400	1/24/90	4/15/26
1061	PHOENIX	PACIFIC GAS AND ELECTRIC CO (C)	SOUTH FORK STANISLAUS RIVER	CA	1800	10/1/96	9/1/26
96	KERCKHOFF	PACIFIC GAS AND ELECTRIC CO (C)	SAN JOAQUIN R	CA	174075	11/9/83	12/1/26
1403	NARROWS	PACIFIC GAS AND ELECTRIC CO (C)	YUBA RIVER	CA	12000	2/12/97	2/1/27
1394	BISHOP CREEK	SOUTHERN CALIFORNIA EDISON CO (CA)	BISHOP CR	CA	26270	7/20/98	7/1/28
11322	COLUMBIA WATER SUPPLY	TUOLUMNE UTILITIES DISTRICT (CA)	COLUMBIA DITCH	CA	350	8/29/99	8/1/29
175	BALCH	PACIFIC GAS AND ELECTRIC CO (C)	NORTH FORK KINGS RIVER	CA	130500	4/19/84	5/1/30
2735	HELMS	PACIFIC GAS AND ELECTRIC CO (C)	NORTH FORK KINGS RIVER	CA	1050000	5/19/80	5/1/30
1121	BATTLE CREEK	PACIFIC GAS AND ELECTRIC CO (C)	SOUTH FORK BATTLE CREEK	CA	36100	8/14/80	8/1/30
2290	KERN RIVER NO 3	SOUTHERN CALIFORNIA EDISON CO (CA)	KERN RIVER	CA	40200	12/25/00	12/1/30
1388	LEE VINING	SOUTHERN CALIFORNIA EDISON CO (CA)	LEE VINING CREEK	CA	11250	2/5/01	2/1/31
1389	RUSH CREEK	SOUTHERN CALIFORNIA EDISON CO (CA)	RUSH CREEK	CA	8400	2/5/01	2/1/31
1930	KERN RIVER NO 1	SOUTHERN CALIFORNIA EDISON CO (CA)	KERN RIVER	CA	26300	6/17/02	6/1/32
2781	NEW MELONES T.L.	PACIFIC GAS AND ELECTRIC CO (C)		CA	0	9/19/82	9/1/32
1390	LUNDY	SOUTHERN CALIFORNIA EDISON CO (CA)	MILL CREEK	CA	3000	3/4/03	3/1/33
2741	PINE FLAT	KINGS RIVER CONSERVATION DIST (CA)	KINGS RIVER	CA	165000	9/26/83	9/1/33
2876	PINE FLAT T.L.	CALIFORNIA DEPT-WTR RESOURCES (CA)		CA	0	3/25/84	9/1/33
2987	CORNWELL	CORNWELL HOWARD W & VERNA J	MERRILL CREEK	CA	12	5/8/84	5/1/34
2780	MONTICELLO	SOLANO IRRIGATION DISTRICT (CA)	PUTAH CREEK	CA	11500	1/30/85	1/1/35
2916	LOWER MOKELUMNE RIVER	EAST BAY MUNICIPAL UTIL DIST (CA)	MOKELUMNE R	CA	33048	3/11/85	4/1/35
5536	PARDEE TAP NO 2 & CAMANCHE TAP T. L	PACIFIC GAS AND ELECTRIC CO (C)		CA	0	6/9/86	4/1/35
137	MOKELUMNE RIVER	PACIFIC GAS AND ELECTRIC CO (C)	NORTH FORK MOKELUMNE RIVER	CA	210700	10/12/05	10/1/35
5828	MONTICELLO POWERHOUSE T. L.	PACIFIC GAS AND ELECTRIC CO (C)		CA	0	8/25/86	1/1/36
2409	NORTH FORK STANISLAUS RIVER	CALAVERAS COUNTY WATER DIST (CA)	N FORK STANISLAUS R	CA	253300	2/9/86	2/1/36
11197	COLLIERVILLE & SPICER MEADOW T. L.	NORTHERN CALIFORNIA POWER AGNY (CA)		CA	0	2/13/96	2/1/36
2841	LAKE MENDOCINO	UKIAH CITY OF (CA)	EAST FORK RUSSIAN RIVER	CA	3500	4/2/86	4/1/36
2958	MADERA CANAL	MADERA-CHOWCHILLA POWER AUTH (CA)	USBR MADERA CANAL	CA	3645	6/9/86	6/1/36
3193	STONY GORGE	SANTA CLARA CITY OF (CA)	STONY CREEK	CA	4900	9/1/86	8/1/36
2892	FRIANT	FRIANT POWER AUTHORITY (CA)	SAN JOAQUIN RIVER	CA	27360	10/1/86	9/1/36
7009	FRIANT T. L.	PACIFIC GAS AND ELECTRIC CO (C)		CA	0	8/3/88	9/1/36
11068	FISHWATER RELEASE	ORANGE COVE IRRIGATION DIST (CA)	BOR FRIANT DAM ON SAN JOAQUIN RIVER	CA	510	5/17/95	9/1/36
2661	HAT CREEK	PACIFIC GAS AND ELECTRIC CO (C)	HAT CREEK	CA	20000	11/5/06	11/1/36
2903	NEW HOGAN	CALAVERAS COUNTY WATER DIST (CA)	NEW HOGAN DAM	CA	2650	11/23/86	11/1/36
6120	CAMP CREEK	LASSEN STATION HYDROELEC L P (WA)	CAMP CREEK	CA	990	12/30/86	12/1/36
2888	WHISKEYTOWN	REDDING CITY OF (CA)	CLEAR CREEK	CA	3530	3/11/87	3/1/37
3189	ROCK CREEK	ROCK CREEK LTD PARTNERSHIP (CA)	SOUTH FORK AMERICAN RIVER	CA	3544	4/30/87	4/1/37
3190	BLACK BUTTE	SANTA CLARA CITY OF (CA)	STONY CREEK	CA	6200	5/6/87	5/1/37
1932	LYTLE CREEK	SOUTHERN CALIFORNIA EDISON CO (CA)	SANTA ANA RIVER	CA	500	6/26/07	6/1/37
1933	SANTA ANA RIVER 1 & 3	SOUTHERN CALIFORNIA EDISON CO (CA)	SANTA ANA RIVER	CA	6300	7/9/07	7/1/37
1934	MILL CREEK 2/3	SOUTHERN CALIFORNIA EDISON CO (CA)	MOUNTAIN HOME CREEK	CA	3000	7/23/07	7/1/37
1333	TULE RIVER	PACIFIC GAS AND ELECTRIC CO (C)	TULE RIVER NORTH & MIDDLE FORKS	CA	6750	12/31/97	8/1/37
3038	SUCCESS	LOWER TULE RIVER IRR DISTRICT (CA)	TULE RIVER	CA	1400	8/23/87	8/1/37

2019	UTICA	UTICA POWER AUTHORITY	SILVER CREEK	CA	4500	9/4/07	9/1/37
2699	ANGELS	UTICA POWER AUTHORITY	ANGELS CREEK	CA	1400	9/4/07	9/1/37
2975	SAND BAR	TRI-DAM POWER AUTHORITY (CA)	STANISLAUS R MIDDLE FORK	CA	162000	9/9/87	9/1/37
4129	RIO BRAVO	OLCESE WATER DISTRICT (CA)	KERN RIVER	CA	14000	9/21/87	9/1/37
5765	MADERA CANAL	MADERA-CHOWCHILLA POWER AUTH (CA)	USBR MADERA IRRIGATION CANAL	CA	440	9/9/87	9/1/37
11563	UPPER UTICA	NORTHERN CALIFORNIA POWER AGNY (CA)	SILVER CR	CA	0	9/4/07	9/1/37
77	POTTER VALLEY	PACIFIC GAS AND ELECTRIC CO (C)	EEL RIVER	CA	9959	10/5/87	10/1/37
7252	HIGH LINE CANAL	SANTA CLARA CITY OF (CA)	HIGH LINE CANAL	CA	530	7/18/88	7/1/38
372	LOWER TULE RIVER	SOUTHERN CALIFORNIA EDISON CO (CA)	MIDDLE FORK TULE RIVER	CA	2520	9/4/08	9/1/38
1962	ROCK CREEK-CRESTA	PACIFIC GAS AND ELECTRIC CO (C)	NORTH FORK FEATHER RIVER	CA	180000	10/25/05	10/1/38
3351	WARM SPRINGS	SONOMA COUNTY WATER AGENCY (CA)	RUSSIAN RIVER	CA	2790	12/19/88	12/1/38
7282	ROARING CREEK	MEGA RENEWABLES (CA)	ROARING CREEK	CA	2000	12/29/88	12/1/38
5931	HATCHET CREEK	MEGA RENEWABLES (CA)	HATCHET CREEK	CA	6890	5/10/89	5/1/39
6154	MILL AND SULPHUR CREEKS	MILL & SULFUR CREEK POWER PLT (WA)	SULPHUR CREEK	CA	995	6/29/89	6/1/39
8357	PONDEROSA/BAILEY	SNOW MOUNTAIN HYDRO LLC	BAILEY CREEK	CA	1100	6/15/89	6/1/39
7242	KANAKA	STS HYDROPOWER LTD (IL)	SUCKER RUN CR	CA	1200	8/16/89	8/1/39
7178	ARBUCKLE MT	ARBUCKLE MOUNTAIN HYDRO PARTNS (WA)	MIDDLE FORK COTTONWOOD CREEK	CA	400	9/21/89	9/1/39
4627	BAKER CREEK	BAKER STATION ASSOCIATES L.P. (WA)	BAKER CREEK	CA	1495	5/9/90	5/1/40
3947	TERMINUS	KAWEAH RIVER POWER AUTHORITY (CA)	TERMINUS DAM (CORPS)	CA	17000	8/30/90	8/1/40
7931	29 MILE CREEK	EUGENE MARK SOUZA	UNNAMED TRIBUTARY OF	CA	30	8/29/90	8/1/40
7120	KEKAWAKA CREEK	STS HYDROPOWER LTD (IL)	KEKAWAKA CREEK	CA	4950	9/11/90	9/1/40
6281	FIVE BEARS	FIVE BEARS HYDRO INC (CA)	WARD CREEK	CA	935	12/24/90	12/1/40
6896	FORKS OF BUTTE	HYPOWER, INC.	BUTTE CREEK	CA	11600	12/31/90	12/1/40
8296	MUCK VALLEY	JUNIPER RIDGE RANCHES INC (CA)	PIT RIVER	CA	29900	12/3/90	12/1/40
9029	GRASSHOPPER FLAT	NELSON CREEK POWER INC (CA)	NELSON CREEK-EAST AND WEST FORKS	CA	1100	3/12/91	3/1/41
8361	OLSEN	OLSEN POWER PARTNERS (MD)	SACRAMENTO RIVER	CA	5000	4/8/91	4/1/41
5130	LOST CREEK NO 2	SNOW MOUNTAIN HYDRO LLC	LOST CREEK	CA	455	5/30/91	5/1/41
9399	KINGS RIVER SIPHON	ORANGE COVE IRRIGATION DIST (CA)	FRIANT-KERN CANAL	CA	1388	7/30/91	7/1/41
3863	LOST CREEK HYDROELECTRIC NO 1	SNOW MOUNTAIN HYDRO LLC	LOST CREEK	CA	1100	5/19/92	5/1/42
8377	ISABELLA	ISABELLA PARTNERS (CA)	KERN RIVER	CA	11950	6/1/92	5/1/42
6780	DEADWOOD CREEK	YUBA COUNTY WATER AGENCY (CA)	DEADWOOD CREEK	CA	1963	9/29/92	9/1/42
10505	GRAEAGLE GOLF COURSE	GRAEAGLE LAND & WATER CO (CA)	FRAZIER CREEK	CA	90	2/24/93	2/1/43
2017	BIG CREEK NO 4	SOUTHERN CALIFORNIA EDISON CO (CA)	SAN JOAQUIN RIVER	CA	98822	12/5/07	12/1/43
8722	LANDIS-HARDE	HARDE DAVID O	PERRY CREEK	CA	100	4/28/94	4/1/44
10882	THREE FORKS	BURGESS NORMAN & MARY	ROCK CREEK	CA	1300	1/29/95	1/1/45
1988	HAAS-KINGS RIVER	PACIFIC GAS AND ELECTRIC CO (C)	N FK KINGS R	CA	193160	3/7/05	3/1/45
2687	PIT NO. 1	PACIFIC GAS AND ELECTRIC CO (C)	PIT RIVER	CA	69300	3/20/07	3/1/47
233	PIT 3, 4, & 5	PACIFIC GAS AND ELECTRIC CO (C)	PIT RIVER	CA	312330	7/3/11	7/1/47
1354	CRANE VALLEY	PACIFIC GAS AND ELECTRIC CO (C)	WILLOW CREEK	CA	28700	9/17/07	9/1/47
382	BOREL	SOUTHERN CALIFORNIA EDISON CO (CA)	KERN RIVER	CA	12000	5/18/10	5/1/50
184	EL DORADO	EL DORADO COUNTY IRR DISTRICT (CA)	SOUTH FORK OF THE AMERICAN RIVER	CA	21000	10/19/10	10/1/50
2005	BEARDSLEY/DONNELLS	OAKDALE & SOUTH SAN JOAQUIN IRR DIS	MIDDLE FORK STANISLAUS RIVER	CA	82500	1/31/10	1/1/51

2067	TULLOCH	OAKDALE & SOUTH SAN JOAQUIN IRR DIS	STANISLAUS RIVER	CA	24100	2/17/10	1/1/51
2118	DONNELLS-CURTIS T. L.	PACIFIC GAS AND ELECTRIC CO (C		CA	0	3/4/10	1/1/51
2153	SANTA FELICIA	UNITED WATER CONSERVATION DIST (CA)	PIRU CREEK	CA	1420	9/13/12	9/1/52