

	A	B	C	D	E	F	G	I
1	<b>THIS LIST IS SUBJECT TO CHANGE PENDING PROJECT OPERATION ISSUES</b>							
2	<b>Complete CVP RAX List as of September 1, 2005</b>							
3	Rax #	Rank	Order	Office Code	Facility	Facility Type	Description	AO Contact
4								
5	463	1	1	TO	Tracy Office	Office	Tracy Office Complex Window Protection	Brian Shinmoto
6	437	2	0	SCCAO	Friant Dam	Dam	Replace Safety boat barrier	Mark Barresi
7	410	2	0	CCAO	Nimbus Fish Hatchery	Fish	Fish Diversion Structure Replacement	Dan Netto
8	427	2	0	TO	Tracy Fish Facility	Fish	Replacement of Biologists' Trailer	Brian Shinmoto
9	439	3	0	NCAO	Coleman Fish Hatchery	Fish	Procure and install back-up generator	George Gardner
10	455	3	0	NCAO	Coleman Fish Hatchery	Fish	Administration Office Building Seismic Upgrade	
11	456	3	0	NCAO	Coleman Fish Hatchery	Fish	Garage/Warehouse Seismic Upgrade	
12	464	3	0	CCAO	Folsom Power Plant	Power	Folsom Powerplant Safety Corr./4th Floor Rennov.	Drew Lessard
13	360	3	0	CCAO	Folsom Dam	Dam	Gantry Crane Modification for Stoplog Installation: Awarded 11/5/02 \$629K	Dan Netto
14	276	3	0	CCAO	Folsom Pmp Pit	Pump	overhead crane upgrade: Awarded 11/5/02 \$156K	Dan Netto
15	382	3	0	NCAO	Keswick Pwr Pit	Power	rock netting at powerplant parking lot	George Gardner
16	424	3	0	Other	MP Region Wide	Power	Regional Transformer Surge Replacement/Lightning Arrestors	
17	249	3	0	Other	MP Region Wide	Other	(MP-160) regional powerplant noise reduction	
18	385	3	0	CCAO	New Melones Pwr Pit	Power	Procure/Install Second Set of Draft Tube Gates	Dan Netto
19	435	3	0	CCAO	NM Resource Area	Recrea.	Repair/replace recreation area water and wastewater system	Peggi Brooks
20	229	3	0	CCAO	Nimbus Pwr Pit	Power	gantry crane festoon system : Awarded 11/15/02 \$236K	Dan Netto
21	383	3	0	NCAO	Shasta Dam	Dam	remove tramway cable	George Gardner
22	340	3	0	NCAO	Shasta Dam	Dam	shasta dam gantry crane - refurbish & modernize: Awarded 12/9/02 \$896,250	George Gardner
23	118	3	0	NCAO	Shasta Pwr Pit	Power	shasta switchyard - replace 230 kv disconnects	George Gardner
24	433	3	0	TO	Tracy Fish Facility	Fish	Northside Utilities Replacement/Grounds Electrical Utility System	Kieth Caldwell
25	71	3	0	TO	Tracy Fish Facility	Fish	Replace trash rack system	?
26	466	3		NCAO	Trinity Fish Hatchery	Fish	Investigate sinkhole cause, stabilize ground under hatchery buildings and grounds	George Gardner
27	447	3	0	CCAO	Tuttletown Recreation	Recrea.	Restripping, chip seal, and road repairs	Peggi Brooks
28	411	4	0	NCAO	Clear Creek Tunnel	Other	tunnel repairs	George Gardner
29	467	4	0	NCAO	Coleman Hatchery	Fish	Install overflow weir in the canal bank near the hatchery	George Gardner
30	314	4	0	Other	MP Region Wide	Other	(MP-3100) replace radio systems to conform to ntia	
31	348	4	0	Other	MP Region Wide	Other	(CVO-200) folsom to new melones microwave replace	
32	449	4	0	CCAO	NM Resource Area	Recrea.	Portable ADA toilets	Dan Holsapple
33	450	4	0	CCAO	NM Resource Area	Recrea.	Replace concrete vault toilets	Dan Holsapple
34	451	4	0	CCAO	NM Resource Area	Recrea.	Replace Autocar Dump Truck (Movable Property)	Dan Holsapple
35	452	4	0	CCAO	NM Resource Area	Recrea.	Replace Tilt-bed Equipment Trailer (Movable Property)	Dan Holsapple
36	24	4	0	NCAO	Shasta Dam	Dam	spillway repair	George Gardner
37	361	4	0	NCAO	Shasta Dam	Dam	shasta 750 elev tube valve no.1: Awarded 12/9/02 \$794,695 Awarded 12/11/02 \$18,800	George Gardner
38	415	4	0	NCAO	Shasta Pwr Pit	Power	Replace Shasta Switchyard Oil Circuit Breakers 188 & 982	George Gardner
39	55	4	0	TO	Tracy Fish Facility	Fish	replace bypass box transition	Joe Pennino
40	27	5	12	NCAO	Buckhorn Dam	Dam	buckhorn dam erosion protection and restoration	George Gardner
41	470	5	22	NCAO	Buckhorn Dam	Dam	Install an automated remote operating system for the outlet works	George Gardner
42	38	5	2	TO	Delta Cross Channel	Other	delta cross channel gates rehab	Warren Feng
43	446	5	6	TO	Delta Cross Channel	Other	Delta Cross Channel vegetation removal	Warren Feng
44	368	5	0	TO	Delta Mendota Canal	Canal	replace 18 Check Station radial gates	Joe Pennino
45	460	5	17	CCAO	Folsom	Dam	Annunciator replacement	Landry
46	440	5	15	CCAO	Folsom Dam	Dam	Radial Gate Repairs & Catwalk Safety Corrections	Dan Netto
47	232	5	13	CCAO	Folsom Pmp Pit	Pump	replace northfork & natoma flowmeters (CVO Lead)	Dan Netto
48	223	5	0	CCAO	Folsom Pwr Pit	Power	folsom units overhaul (Unit 3, then Unit 1)	
49	258	5	11	CCAO	Folsom Pwr Pit	Power	Unit Draft Tube Gate Refurbishing	Dan Netto
50	237	5	14	CCAO	Folsom South Canal	Canal	fog seal asphalt maintenance roads	Dan Netto
51	342	5	7	NCAO	JF Carr Pwr Pit	Power	main unit transformers - refurbish & paint	
52	32	5	14	NCAO	JF Carr Pwr Pit	Power	jf carr distribution panels	George Gardner
53	45	5	6	NCAO	Keswick Dam	Dam	keswick dam - clean weeps and drains	George Gardner
54	120	5	16	NCAO	Keswick Dam	Dam	keswick dam spillway reg. gates rehab (Coat upstream & downstream)	George Gardner
55	465	5	21	NCAO	Keswick Dam	Power	Overhaul and recoat the 9 penstock fixed wheel gates	George Gardner
56	300	5	8	NCAO	Keswick Pwr Pit	Power	main unit circuit breakers & buss	George Gardner
57	454	5	0	CVO	MP Region wide	Power	Specification Development for Generator Excitation systems	Frank Cabading
58	274	5	1	CCAO	New Melones Dam	Dam	sloping intake hydraulic controls	Dan Netto
59	436	5	0	CCAO	New Melones Pwr Pit	Power	New Melones K1A/K2a Refurb (Concurrent w/RAX #391)	Dan Netto
60	391	5	2	CCAO	New Melones Pwr Pit	Power	Unit 1/Unit 2 - Runner Replacements (\$4.1M Power Customer funded)	Dan Netto
61	261	5	8	CCAO	New Melones Pwr Pit	Power	Replace excitation system	Dan Netto
62	356	5	9	CCAO	New Melones Pwr Pit	Power	Unit BFV Bypass Plug Valves Replacement	Dan Netto
63	279	5	6	CCAO	Nimbus Dam	Dam	Raidial Gate Stoplog Procurement	Dan Netto
64	389	5	7	CCAO	Nimbus Dam	Dam	Nimbus Dam Radial Gate Attachments & Repairs	Dan Netto
65		5	10	CCAO	Nimbus Dam	Dam	Radial Gearbox Refurbishing	Dan Netto
66	418	5	14	CCAO	Nimbus Power Plant	Power		Dan Netto
67	387	5	3	CCAO	Nimbus Pwr Pit	Power	Replace Nimbus Transformer KVA	Dan Netto
68	277	5	5	CCAO	Nimbus Pwr Pit	Power	Nimbus Static Exters	Dan Netto
69	29	5	4	TO	O'Neill Pmp/Gen Pit	Pump	Generator excitation systems	Kieth Caldwell
70	338	5	10	NCAO	SC, JF Carr, Trinity Pwr Pit	Power	trd pwr pits - repave parking compounds	George Gardner
71	339	5	11	NCAO	SC,JF Carr, Trinity PwrPit	Power	trd pwr pits-repair/replace poly roofs (Iss contract w/RAX item #294)	George Gardner
72	294	5	9	NCAO	Shasta - Keswick	Power	repair/replace polyurethane roofs (iss contract with RAX item #339)	George Gardner
73	1	5	0	NCAO	Shasta Dam	Dam	Shasta Dam penstock fill system	George Gardner
74	46	5	3	NCAO	Shasta Dam	Dam	shasta dam - clean weeps and drains	George Gardner
75	200	5	20	NCAO	Shasta Office	Office	shasta recreation trail w/blm	George Gardner
76	44		0	NCAO	Shasta Pwr Pit	Power	shasta station service units rerehabilitation	George Gardner
77	402	5	2	NCAO	Shasta Pwr Pit	Power	rewind (not uprate) main unit generators 1 & 2	George Gardner
78	343	5	17	NCAO	Shasta Pwr Pit	Power	paint penstocks	George Gardner
79	35	5	13	NCAO	Spring Creek Pwr Pit	Power	spring creek distribution panelboards	George Gardner
80	430	5	3	TO	Tracy Fish Facility	Fish	Replace loading bucket and truck tanks	Kieth Caldwell
81	442	5	5	TO	Tracy Fish Facility	Fish	O&M/P&H Office Building Rehabilitation	Warren Feng
82	47	5	5	NCAO	Trinity Dam	Dam	trinity dam - clean weeps and drains	George Gardner
83	407	5	18	NCAO	Trinity Dam	Dam	Trinity Dam - 10' x 20' fixed wheel (guard) gate overhaul	George Gardner
84	33	5	15	NCAO	Trinity Pwr Pit	Power	trinity distribution panelboards	George Gardner
85	54	5	1	NCAO	Trinity River Division	Other	trd excavation area #2-trinity slide & baker gulch	George Gardner
86	49	5	4	NCAO	Whiskeytown Dam	Dam	whiskeytown dam - clean weeps and drains	George Gardner

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87	469	6	16	NCAO	Buckhorn Dam	Dam	Pave access road to dam	George Gardner
88	351	6	9	NCAO	Coleman Fish Hatchery	Fish	replace fish distribution trucks	George Gardner
89	453	6	14	NCAO	Coleman Fish Hatch.	Fish	Water Supply Intake Rehabilitation	
90	257	6	1	CCAO	Folsom Dam	Dam	Unit Fixed Wheel Gate Refurbishing	Dan Netto
91	214	6	2	CCAO	Folsom Dam	Dam	Repair guard rails & resurface folsom dam road	Dan Netto
92	386	6	6	CCAO	Folsom Dam	Dam	Unit Intake Temperature Control Shutters	Dan Netto
93	359	6	9	CCAO	Folsom Dam	Dam	Spillway Gate Trunnion Pin and Bearing Replacement	Dan Netto
94	260	6	4	CCAO	Folsom Pwr Pit	Power	Folsom static exciters	Dan Netto
95	286	6	8	CCAO	Folsom Pwr Pit	Power	Automate Unit Cooling Water Controls (U2 & U3 Only)	Dan Netto
96	259	6	11	CCAO	Folsom Pwr Pit	Power	oil centrifuge replacement	
97	390	6	13	CCAO	Folsom Pwr Pit	Power	Transformer K2A Replacement	Dan Netto
98	297	6	2	NCAO	JF Carr Pwr Pit	Power	Generator excitation systems (Contract w/RAX items 312 & 305)	George Gardner
99	414	6	12	NCAO	JF Carr Pwr Pit	Power	Main Unit Trans KRA - Repl (Des/Contr w/RAX items 413 & 412)	George Gardner
100	40	6	5	NCAO	Pit	Power	jf carr & sc penstocks vegetation/drainage/paint	George Gardner
101	114	6	7	NCAO	Keswick Dam	Dam	keswick - refurbish gantry crane	George Gardner
102	335	6	8	NCAO	Keswick Pwr Pit	Power	keswick main unit transformers - repaint	George Gardner
103	434	6	15	CCAO	New Melones Dam	Dam	Surge Tank - Clean, prime, and recoat; Replace base sealant	Dan Netto
104	458	6	16	CCAO	New Melones Dam	Dam	Replace NM Dam and Powerplant Office	Dan Netto
105	459	6	17	CCAO	New Melones Dam	Dam	Replace Low Level Outlet Works Culvert	Drew Lessard
106	226	6	7	CCAO	New Melones Pwr Pit	Power	butterfly valve hydraulic rams overhaul w/#356	Dan Netto
107	271	6	10	CCAO	New Melones Pwr Pit	Power	station service restoration from unit 1	Dan Netto
108	238	6	14	CCAO	Nimbus Fish Hatchery	Fish	overhaul hatchery outlet gate (at dam)	Dan Netto
109	252	6	5	CCAO	Nimbus Pwr Pit	Power	Unit Governor Component Replacement	Dan Netto
110	468	6	15	NCAO	Shasta Dam	Dam	Refurbish 750 el. Tube valves no 2, 3, & 4	George Gardner
111	471	6	17	NCAO	Spring Creek Desbris Dam	Dam	Re-install rip-rap along the right hand upstream groin	George Gardner
112	305	6	3	NCAO	Spring Creek Pwr Pit	Power	Generator excitation systems (Contract w/RAX items 297 & 312)	George Gardner
113	413	6	11	NCAO	Spring Creek Pwr Pit	Power	Main Unit Trans KRA-Repl (Des/Contr w/RAX items 412&414)	George Gardner
114	431	6	7	TO	Tracy Office	Office	Replace Tracy Admin Building HVAC system	Kieth Caldwell
115	108	6	6	NCAO	Trinity Fish Hatchery	Fish	tn hatchery vehicle	George Gardner
116	312	6	1	NCAO	Trinity Pwr Pit	Power	Generator excitation systems (Contract w/RAX items 297 & 305)	George Gardner
117	412	6	10	NCAO	Trinity Pwr Pit	Power	Main Unit Trans KRA-Repl (Des/Contr w/RAX items 413 & 414)	George Gardner
118	396	8	1	TO	Tracy Pmp Pit	Canal	replace turb bearing water filter system	
119	244	8	1	CCAO	Nimbus Pwr Pit	Power	replace turb bearing water filter system	Dan Netto
120	373	9	6	TO	Delta Mendota Canal	Canal	automate DMC Checks 14 through 21	
121	268	9	2	CCAO	Folsom Pmp Pit	Pump	automate pumping plant	Dan Netto
122	270	9	3	CCAO	Folsom South Canal	Canal	automate canal & headworks	Dan Netto
123	403	9	1	SCCAO	Friant-Kern Canal	Canal	Kings River Check backup system	Ed Salazar
124	298	9	2	NCAO	JF Carr Pwr Pit	Power	generator governors - upgrade	George Gardner
125	148	9	13	NCAO	Keswick Dam	Dam	keswick dam road & maint. ctr fng & paving	George Gardner
126	302	9	1	NCAO	Keswick Pwr Pit	Power	hydraulic governors	George Gardner
127	167	9	10	NCAO	Keswick Pwr Pit	Power	keswick pwr pit - generator forebay stoplogs	George Gardner
128	409	9	1	Other	MP Region Wide	Other	(CVO-600)inst penst flowmeters(Folsom,Nimbus,KE,SC, TN)	
129	266	9	4	CCAO	Nimbus Fish Hatchery	Fish	nimbus fish hatchery modernization ph-v	Dan Netto
130	461	9	6	CCAO	Nimbus Powerplant	Power	HVAC Repairs	Castro
131	267	9	1	CCAO	Nimbus Pwr Pit	Power	nimbus pwr pit intake trashrake	Dan Netto
132	145	9	1	TO	O'Neill Pmp/Gen Pit	Pump	flow metering	Kieth Caldwell
133	164	9	9	NCAO	Shasta Office	Office	controlotron computer & sensors	George Gardner
134	336	9	6	NCAO	Shasta Pwr Pit	Power	shasta switchyard - modernize lighting system	George Gardner
135	306	9	3	NCAO	Spring Creek Pwr Pit	Power	generator governors - upgrade	George Gardner
136	444	9	9	TO	Tracy Fish Facility	Fish	Install Computer Control System for Velocity Control Pumps	
137	179	9	11	NCAO	Trinity Fish Hatchery	Fish	tn hatchery trash rack redesign	George Gardner
138	166	9	4	NCAO	Trinity Pwr Pit	Power	trinity turbine seal rings	George Gardner
139	52	9	5	NCAO	Trinity Pwr Pit	Power	trinity pp - repaint exterior metal structure	George Gardner
140	426	11	3	TO	Delta Mendota Canal	Canal	Staten Island Salinity Station Replacement	
141	432	11	4	TO	Delta Mendota Canal	Canal	Replace Andrus Island Salinity Station	
142	420	11	5	TO	Delta Mendota Canal	Canal	Replace SCADA Comm Cable	
143	395	11	1	SCCAO	Friant-Kern Canal	Canal	New Storage Facility at Friant Storage Yard	
144	405	11	2	SCCAO	Friant-Kern Canal	Canal	construct chemical storage & dispensing building	Ed Salazar
145	303	11	4	NCAO	Keswick Pwr Pit	Power	portable oil processing unit	George Gardner
146	122	11	2	TO	O'Neill Pmp/Gen Pit	Pump	storage & shop bldg constr	
147	62	11	8	TO	O'Neill Pmp/Gen Pit	Pump	o'neill unit breaker replace	Kieth Caldwell
148	377	11	6	NCAO	Shasta Dam	Dam	Shasta Dam Spillway Bridge - Repaint	George Gardner
149	309	11	2	NCAO	Shasta Pwr Pit	Power	portable oil processing unit	George Gardner
150	307	11	3	NCAO	Spring Creek Pwr Pit	Power	portable oil processing unit	George Gardner
151	441	11	10	TO	Tracy Fish Facility	Fish	O&M Building Construction	Warren Feng
152	82	11	6	TO	Tracy Pmp Pit	Pump	rewind unit exciters	Kieth Caldwell
153	367	11	7	TO	Tracy Pmp Pit	Pump	Rewind Tracy Unit Rotors	Kieth Caldwell
154	371	11	11	TO	Tracy Pmp Pit	Pump	rewind Tracy Unit motor stators	Kieth Caldwell
155	375	11	12	TO	Tracy Pmp Pit	Pump	replace Tracy U1 and U4 pump impellers (rank is pending testing)	Kieth Caldwell
156	194	12	1	NCAO	Shasta Office	Office	shasta visitor's center - rehabilitate auditorium	George Gardner
157	199	12	2	NCAO	Shasta Office	Office	shasta replace 16 mm projector system	George Gardner
158	201	12	4	NCAO	Shasta Office	Office	shasta smc garage heater & cooler	George Gardner
159	5		0	SCCAO	Friant Dam	Dam	Repair spillway drum gates	Ed Salazar
160								