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Sent: Monday, July 13, 2015 1:55 PM

To: Riddle, Diane@Waterboards

Cc: Grober, Les@Waterboards; RMILLIGAN@usbr.gov; Trgovcich, Caren@Waterboards; Ligare, Scott@Waterboards; Satkowski, Rich@Waterboards; Stein, Russell@DWR; Leahigh, John@DWR

Subject: Re: CVP Ops

Hi Diane

Scott said you were looking for a spreadsheet that included both our operations plan and the input data. Attached is a spreadsheet that includes the summary page from our forecast. This should be the same operations described in our operations plan and the input data that was used to generate that forecast run. The reservoir releases from the operations plan on shown on the summary page. Not all releases are shown on the input page since these are initial targets and they may be modified during our forecasting procedure.

I hope this helps and we can discuss further on RTDOT if desired.

Paul

Inflows

	Trinity	Whiskeytown	Shasta	Folsom	New Melones	Oroville	
Oct	10	9	2	200	50	8	80
Nov	11	14	2	230	50	7	80
Dec	12	22	4	260	60	8	100
Jan	1	33	8	320	70	20	170
Feb	2	55	12	380	110	25	200
Mar	3	88	20	520	180	45	280
Apr	4	140	16	450	220	75	290
May	5	150	8	340	190	80	210
Jun	6	13	4	125	53	19	56
Jul	7	7	2	116	50	18	64
Aug	8	4	1	112	44	17	64
Sep	9	2	1	109	30	16	64

Modified Normal/Dry

River Releases

	Trinity (cfs)	Clear Creek (cfs)	Goodwin (cfs)		
Oct	10	373	175	577	
Nov	11	300	175	200	
Dec	12	300	175	206	
Jan	1	300	175	261	
Feb	2	300	175	309	
Mar	3	300	175	280	
Apr	4	540	218	500	
May	5	2924	216	150	
Start Month	Jun	6	783	150	150
Jul	7	450	120	150	
Aug	8	450	85	150	
Sep	9	450	150	150	

Hydrology

		Wilkin's Target (cfs)	Kes-Wilkin's Acc/Dep (cfs)	SJR Above Stan (TAF)	Sac Gross Acc/Dep (TAF)	Freeport Treatment Plant (TAF)	East Side Streams (cfs)	Misc. Creeks (TAF)	Yolo Bypass (TAF)	Transfer Inflow (TAF)	Delta					Sac Gross Acc/Dep (TAF)
											Consumptive Use (TAF)	Delta Outflow (TAF)	X-Channel Gate	Feather Minimum	Feather Target	
Oct	10	3500	-750	34	40	13.3	210	29	0	0	-118	258	0	0	0	100
Nov	11	3500	-68	34	90	14	260	19	0	0	-55	303	0	0	0	150
Dec	12	3500	785	33	160	13.2	160	11.1	0	0	-2	307	1	0	0	330
Jan	1	4000	2456	36	300	13.8	98	0.8	0	0	56	369	1	0	0	15
Feb	2	0	1969	39	240	12	810	0.9	0	0	37	394	1	0	0	400
Mar	3	0	2789	44	320	12.1	671	1.2	0	0	10	437	1	0	0	440
Apr	4	3000	1271	29	75	11.5	390	1.8	0	0	-63	238	1	0	0	40
May	5	3800	-3000	31	-340	12.2	179	2	0	0	-121	296	1	0	0	-120
Start Month	Jun	6	2500	-4350	9	280	180	2	0	0	-191	238	0	0	0	0
Jul	7	2000	-4833	9	-405	12.3	120	2	0	0	-268	172	0	0	0	-350
Aug	8	2000	-3745	9	-255	12.4	110	2	0	0	-252	172	0	0	0	-190
Sep	9	3800	-1397	9	-30	12.4	160	2	0	0	-174	179	0	0	0	20

Demands (TAF)

		Folsom Pumping	Folsom South Canal	OID/SSJID	New Melones CVP Contracts	Thermolito Demand	CCWD	Barker Slough	F. Banks On-Peak	F. Banks Off-Peak	North Bay Aqueduct	Delta Mendota Canal	Federal Dos Amigos	Fed O'N to D.A.	Cross Valley San Felipe Canal	Fed Exchange Oneil	Fed Exchange San Luis	South Bay/San Jose	State Dos Amigos	Spring Creek Tunnel
Nov	11	5	2	0	0	131	4	0	0	0	0	30	5	1	0	0	0	2	11	0
Dec	12	5	2	0	0	96	5	0	0	0	0	10	5	1	0	0	0	1	15	30
Jan	1	4	1	0	0	0	5	0	0	0	0	0	5	1	0	0	0	0	46	30
Feb	2	4	1	0	0	0	4	0	0	0	0	20	1	1	0	0	0	0	30	30
Mar	3	5	1	20	0	12	4	0	0	0	0	20	27	1	0	0	0	0	76	30
Apr	4	7	1	55	0	11	9	0	0	0	0	20	32	1	0	0	0	1	94	30
May	5	10	2	65	0	122	9	0	0	0	0	30	55	11	0	0	0	3	77	30
Start Month	Jun	6	14	2	70	0	128	9	0	0	0	40	61	5	0	0	0	3	125	75
Jul	7	15	2	70	0	129	8	0	0	0	0	50	71	6	0	0	0	2	182	87
Aug	8	14	2	63	0	118	8	0	0	0	0	40	46	5	0	0	0	5	155	75
Sep	9	12	2	36	0	47	9	0	0	0	0	98	15	3	0	0	0	2	100	40