

PS4-2 comparison with the adopted 2021 DFCs

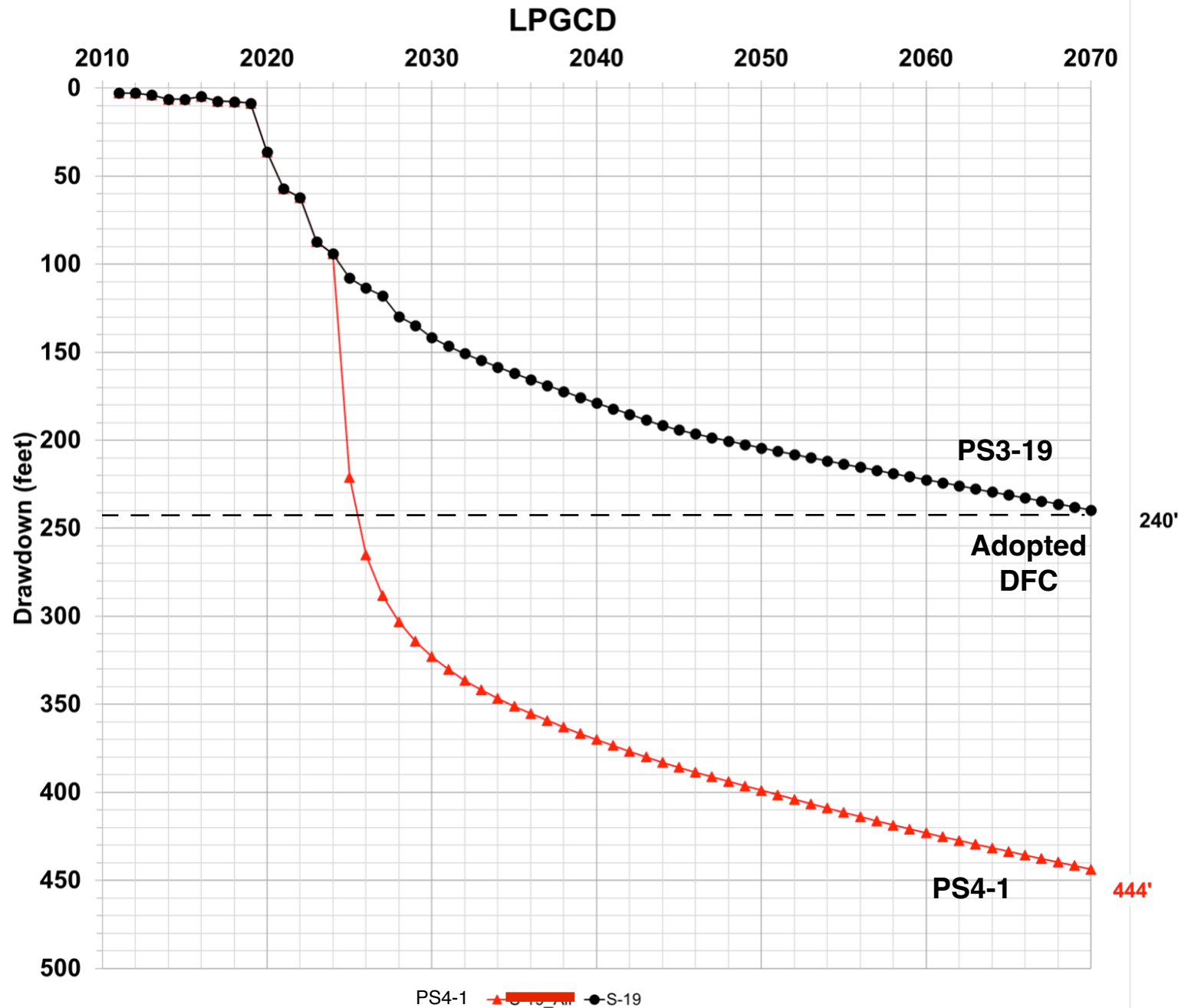
- The goal of the PS4-2 model run was to keep drawdowns similar to the adopted 2021 DFCs.



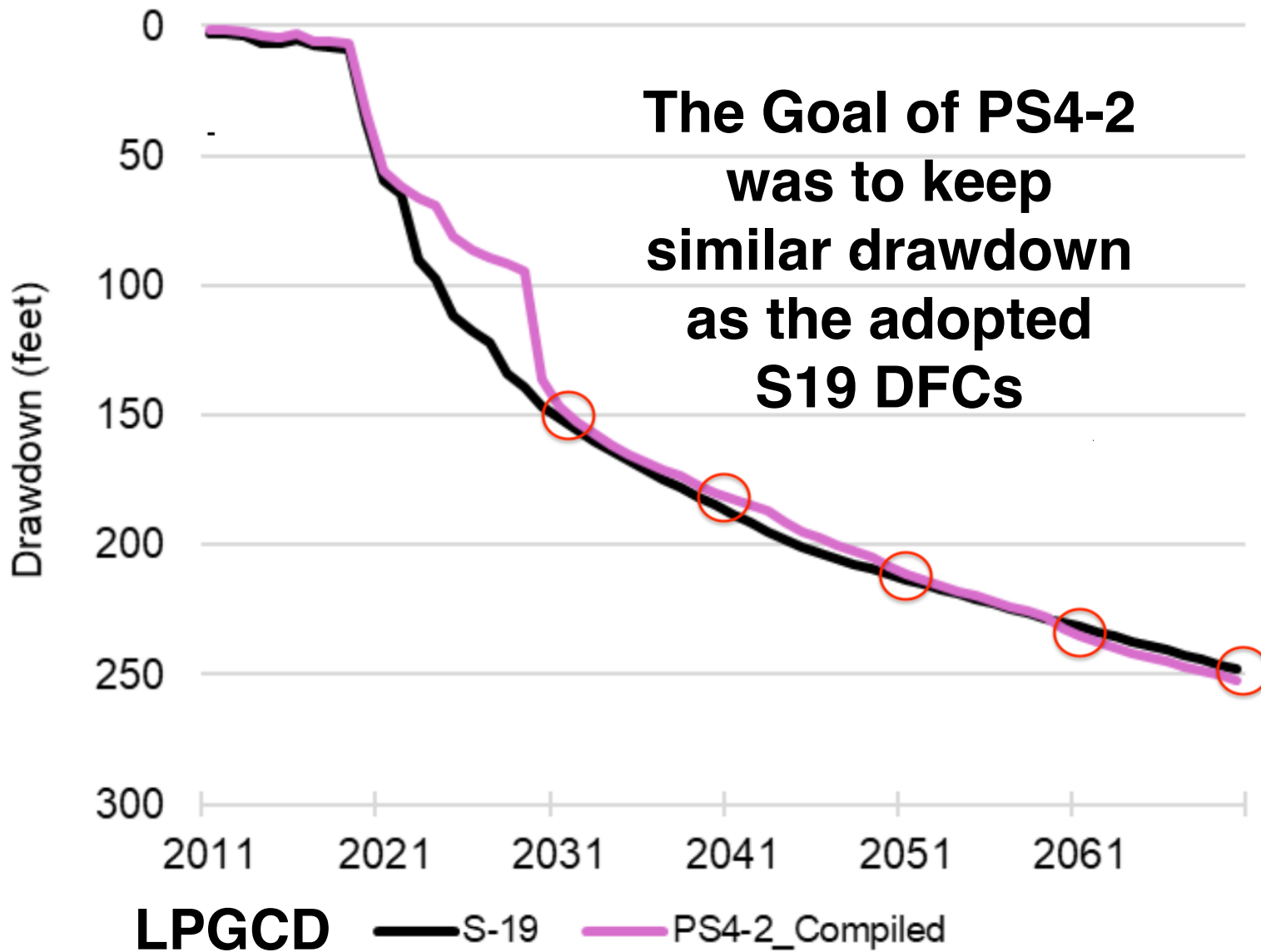
LOST PINES
GROUNDWATER
CONSERVATION DISTRICT

LPGCD Simsboro Drawdown

**PS3-19 vs
PS4-1
(baseline - all
permits @ full
production)**



Wilcox Aquifer (Simsboro Fm.)



2070 Drawdown (S-19 & PS4-2)

S-19

S-19	Sparta	Queen City	Carrizo	Calvert Bluff	Simsboro	Hooper
LPGCD	22	28	134	132	240	138
POSGCD	32	30	162	156	278	178
BVGCD	47	40	72	89	195	136
METGCD	25	21	48	57	76	69
FCGCD	43	73	140	-	-	-

PS4-2

PS4-2 (AGS)	Sparta	Queen City	Carrizo	Calvert Bluff	Simsboro	Hooper
LPGCD	21	26	122	127	243	137
POSGCD	45	28	162	180	353	219
BVGCD	54	45	80	113	274	179
METGCD	28	23	48	62	87	77
FCGCD	42	70	133	-	-	-

Difference

Difference	Sparta	Queen City	Carrizo	Calvert Bluff	Simsboro	Hooper
LPGCD	-1	-2	-12	-5	3	-1
POSGCD	13	-2	0	25	76	41
BVGCD	7	5	8	24	79	43
METGCD	4	2	0	5	11	8
FCGCD	0	-2	-7	-	-	-

GMA12 2021 Adopted DFC						
2021 DFCs	SPARTA	QUEEN S CITY	CARRIZ O	CALVE RT BLUFF	SIMSB ORO	HOOP ER
LPGCD	22	28	134	132	240	138
POSGCD	32	30	146	156	278	178
BVGCD	53	44	84	111	262	167
METGCD	25	20	48	57	76	69
FCGCD	43	73	140			
PS4-2 (AGS)						
LPGCD	21	26	122	127	243	137
POSGCD	45	28	162	180	353	219
BVGCD	54	45	80	113	274	179
METGCD	28	23	48	62	87	77
FCGCD	42	70	133			
% Difference						
LPGCD	-5	-7	-9	-4	1	-1
POSGCD	41	-7	11	15	27	23
BVGCD	2	2	-5	2	5	7
METGCD	12	15	0	9	14	12
FCGCD	-2	-4	-5			

The Goal of PS4-2 was to keep similar drawdown as the 2021 adopted DFCs. This goal was largely accomplished.

Some POSGCD PS4-2 drawdowns differ from the adopted DFCs

The LPGCD wishes to keep 2026 DFCs similar to the adopted 2021 DFCs. PS4-2 reflects this decision and is basically LPGCD's final model run.

The GMA12 has twice, unanimously voted to continue evaluations with the current DFCs (Oct 2023 & Feb 2025). Which GCDs wish to continue with keeping similar DFCs?

Which GCDs are in agreement with their PS4-2?