

**Attachment 1: Storage and Elevation Results (CalSim 3)**

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## Attachment 1: Storage and Elevation Results (CalSim 3)

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The following results of the CalSim 3 model are included for reservoir storage and elevation conditions for the following scenarios:

- Baseline Conditions (072623)
- Proposed Project (021624)

<b>Title</b>	<b>Model Parameter</b>	<b>Table Numbers</b>	<b>Figure Numbers</b>
San Luis Reservoir SWP Storage	S_SLUIS_SWP	4B-1-1-1a to 4B-1-1-1c	4B-1-1a to 4B-1-1l
San Luis Reservoir Storage	Post-Processed	4B-1-2-1a to 4B-1-2-1c	4B-1-2a to 4B-1-2l
San Luis Reservoir Elevation	Post-Processed	4B-1-3-1a to 4B-1-3-1c	4B-1-3a to 4B-1-3l

Report formats:

- Monthly tables comparing two scenarios (exceedance values, long-term average, and average by water year type).
- Monthly exceedance charts (all months) including all scenarios.

**Table 4B-1-1-1a. San Luis SWP Storage, Baseline Conditions 072623, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	736	857	1,020	999	1,067	1,067	1,034	937	843	829	811	726
20% Exceedance	626	743	839	864	941	1,067	960	866	657	652	667	626
30% Exceedance	524	644	723	712	825	933	890	746	547	544	549	553
40% Exceedance	455	530	622	656	756	770	720	574	437	434	482	499
50% Exceedance	386	439	524	591	669	725	606	467	349	394	398	402
60% Exceedance	287	380	465	541	634	650	556	437	289	313	334	324
70% Exceedance	208	254	381	491	523	587	501	367	224	283	264	240
80% Exceedance	119	127	196	354	431	468	393	296	150	250	203	130
90% Exceedance	42	42	99	231	323	379	308	187	63	201	161	78
<b>Full Simulation Period Average<sup>a</sup></b>	<b>391</b>	<b>458</b>	<b>544</b>	<b>600</b>	<b>680</b>	<b>727</b>	<b>659</b>	<b>544</b>	<b>411</b>	<b>449</b>	<b>435</b>	<b>406</b>
<b>Wet Water Years (30%)</b>	<b>487</b>	<b>597</b>	<b>684</b>	<b>742</b>	<b>854</b>	<b>927</b>	<b>912</b>	<b>810</b>	<b>670</b>	<b>682</b>	<b>672</b>	<b>639</b>
<b>Above Normal Water Years (11%)</b>	<b>399</b>	<b>497</b>	<b>606</b>	<b>670</b>	<b>764</b>	<b>803</b>	<b>691</b>	<b>555</b>	<b>396</b>	<b>466</b>	<b>545</b>	<b>520</b>
<b>Below Normal Water Years (21%)</b>	<b>427</b>	<b>497</b>	<b>585</b>	<b>623</b>	<b>665</b>	<b>693</b>	<b>569</b>	<b>410</b>	<b>242</b>	<b>337</b>	<b>423</b>	<b>453</b>
<b>Dry Water Years (22%)</b>	<b>374</b>	<b>417</b>	<b>501</b>	<b>529</b>	<b>572</b>	<b>602</b>	<b>509</b>	<b>381</b>	<b>259</b>	<b>344</b>	<b>238</b>	<b>172</b>
<b>Critical Water Years (16%)</b>	<b>182</b>	<b>177</b>	<b>243</b>	<b>350</b>	<b>466</b>	<b>514</b>	<b>485</b>	<b>439</b>	<b>366</b>	<b>289</b>	<b>199</b>	<b>151</b>

**Table 4B-1-1-1b. San Luis SWP Storage, Proposed Project 021624, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	856	948	1,067	1,067	1,067	1,067	1,067	1,034	914	867	844	902
20% Exceedance	708	856	973	931	982	1,067	1,014	947	718	739	753	728
30% Exceedance	616	721	794	786	858	937	896	850	658	599	613	639
40% Exceedance	500	595	683	685	801	768	726	638	464	485	539	561
50% Exceedance	462	522	594	606	709	716	637	520	370	435	449	459
60% Exceedance	307	352	480	551	629	648	561	475	313	374	384	372
70% Exceedance	220	284	384	496	538	593	499	409	269	318	274	255
80% Exceedance	129	159	204	379	426	447	361	327	191	261	218	139
90% Exceedance	42	42	58	200	308	327	280	186	57	214	155	92
<b>Full Simulation Period Average<sup>a</sup></b>	<b>441</b>	<b>501</b>	<b>579</b>	<b>624</b>	<b>692</b>	<b>720</b>	<b>667</b>	<b>597</b>	<b>450</b>	<b>486</b>	<b>474</b>	<b>465</b>
<b>Wet Water Years (30%)</b>	<b>544</b>	<b>642</b>	<b>713</b>	<b>755</b>	<b>863</b>	<b>926</b>	<b>919</b>	<b>882</b>	<b>728</b>	<b>734</b>	<b>736</b>	<b>763</b>
<b>Above Normal Water Years (11%)</b>	<b>447</b>	<b>540</b>	<b>656</b>	<b>709</b>	<b>775</b>	<b>786</b>	<b>712</b>	<b>624</b>	<b>432</b>	<b>501</b>	<b>579</b>	<b>603</b>
<b>Below Normal Water Years (21%)</b>	<b>492</b>	<b>554</b>	<b>646</b>	<b>676</b>	<b>706</b>	<b>695</b>	<b>600</b>	<b>500</b>	<b>317</b>	<b>406</b>	<b>487</b>	<b>503</b>
<b>Dry Water Years (22%)</b>	<b>421</b>	<b>460</b>	<b>529</b>	<b>552</b>	<b>576</b>	<b>588</b>	<b>500</b>	<b>391</b>	<b>261</b>	<b>353</b>	<b>245</b>	<b>176</b>
<b>Critical Water Years (16%)</b>	<b>201</b>	<b>198</b>	<b>257</b>	<b>348</b>	<b>454</b>	<b>503</b>	<b>483</b>	<b>452</b>	<b>373</b>	<b>295</b>	<b>207</b>	<b>163</b>

**Table 4B-1-1-1c. San Luis SWP Storage, Proposed Project 021624 minus Baseline Conditions 072623, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	120	91	47	68	0	0	33	98	71	37	33	176
20% Exceedance	82	113	135	67	42	0	54	82	61	87	86	102
30% Exceedance	92	77	71	74	33	4	6	104	110	56	65	86
40% Exceedance	45	65	61	30	45	-2	6	64	27	50	58	62
50% Exceedance	77	83	70	15	40	-9	31	53	22	41	51	58
60% Exceedance	20	-27	15	10	-5	-3	5	38	24	61	50	48
70% Exceedance	12	29	3	4	15	6	-1	42	45	36	9	15
80% Exceedance	10	32	8	24	-5	-21	-32	31	40	11	15	9
90% Exceedance	0	0	-41	-31	-15	-52	-28	-1	-6	13	-5	14
<b>Full Simulation Period Average<sup>a</sup></b>	<b>50</b>	<b>43</b>	<b>35</b>	<b>24</b>	<b>12</b>	<b>-6</b>	<b>8</b>	<b>52</b>	<b>39</b>	<b>37</b>	<b>39</b>	<b>59</b>
<b>Wet Water Years (30%)</b>	<b>58</b>	<b>45</b>	<b>28</b>	<b>12</b>	<b>9</b>	<b>-1</b>	<b>6</b>	<b>72</b>	<b>59</b>	<b>52</b>	<b>64</b>	<b>123</b>
<b>Above Normal Water Years (11%)</b>	<b>47</b>	<b>44</b>	<b>50</b>	<b>39</b>	<b>11</b>	<b>-17</b>	<b>21</b>	<b>69</b>	<b>36</b>	<b>35</b>	<b>34</b>	<b>83</b>
<b>Below Normal Water Years (21%)</b>	<b>66</b>	<b>57</b>	<b>61</b>	<b>53</b>	<b>41</b>	<b>2</b>	<b>31</b>	<b>90</b>	<b>75</b>	<b>69</b>	<b>64</b>	<b>50</b>
<b>Dry Water Years (22%)</b>	<b>48</b>	<b>43</b>	<b>27</b>	<b>23</b>	<b>4</b>	<b>-14</b>	<b>-9</b>	<b>10</b>	<b>2</b>	<b>9</b>	<b>7</b>	<b>4</b>
<b>Critical Water Years (16%)</b>	<b>20</b>	<b>21</b>	<b>14</b>	<b>-3</b>	<b>-12</b>	<b>-11</b>	<b>-2</b>	<b>13</b>	<b>7</b>	<b>5</b>	<b>8</b>	<b>12</b>

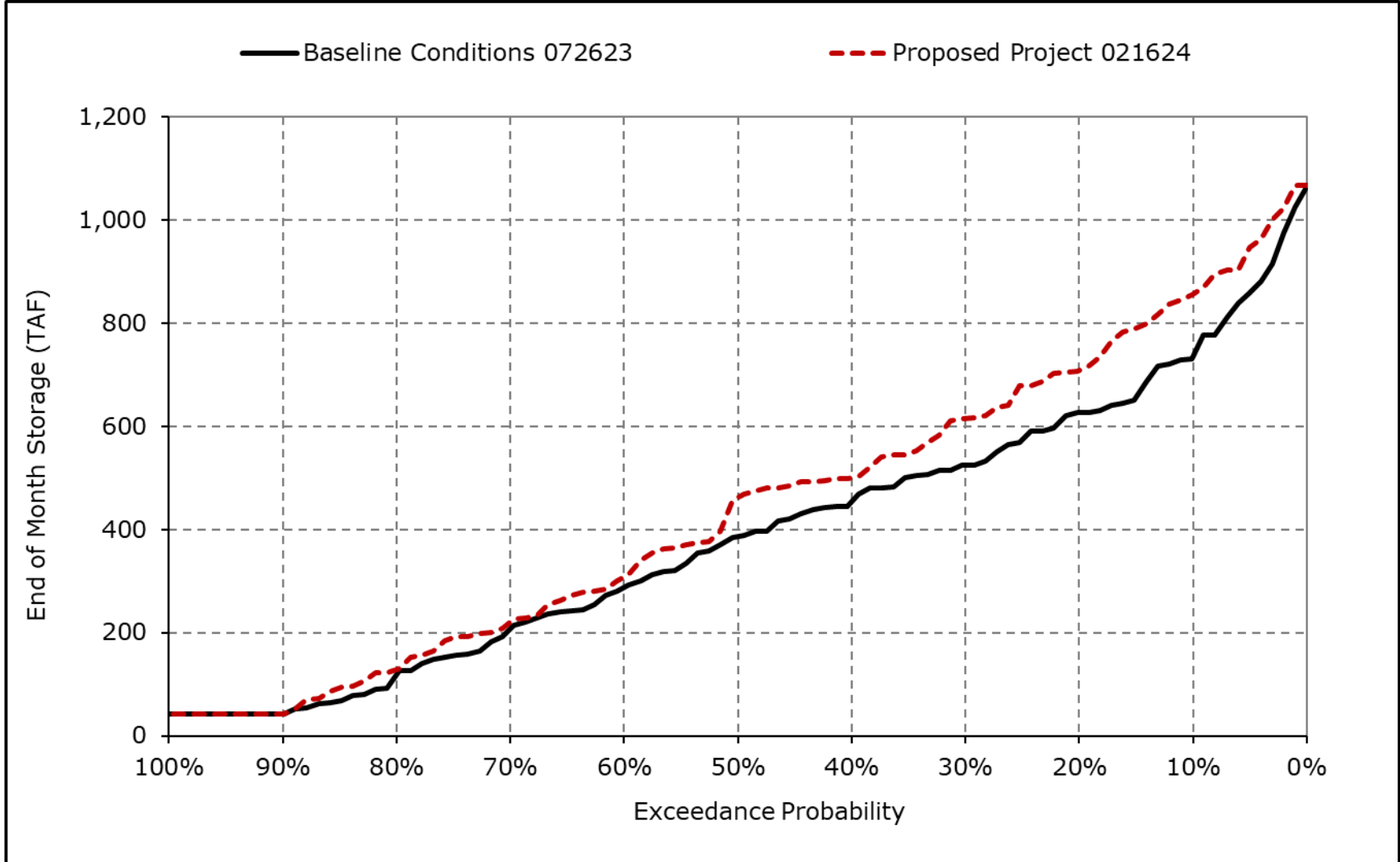
<sup>a</sup> Based on the 100-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

\* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

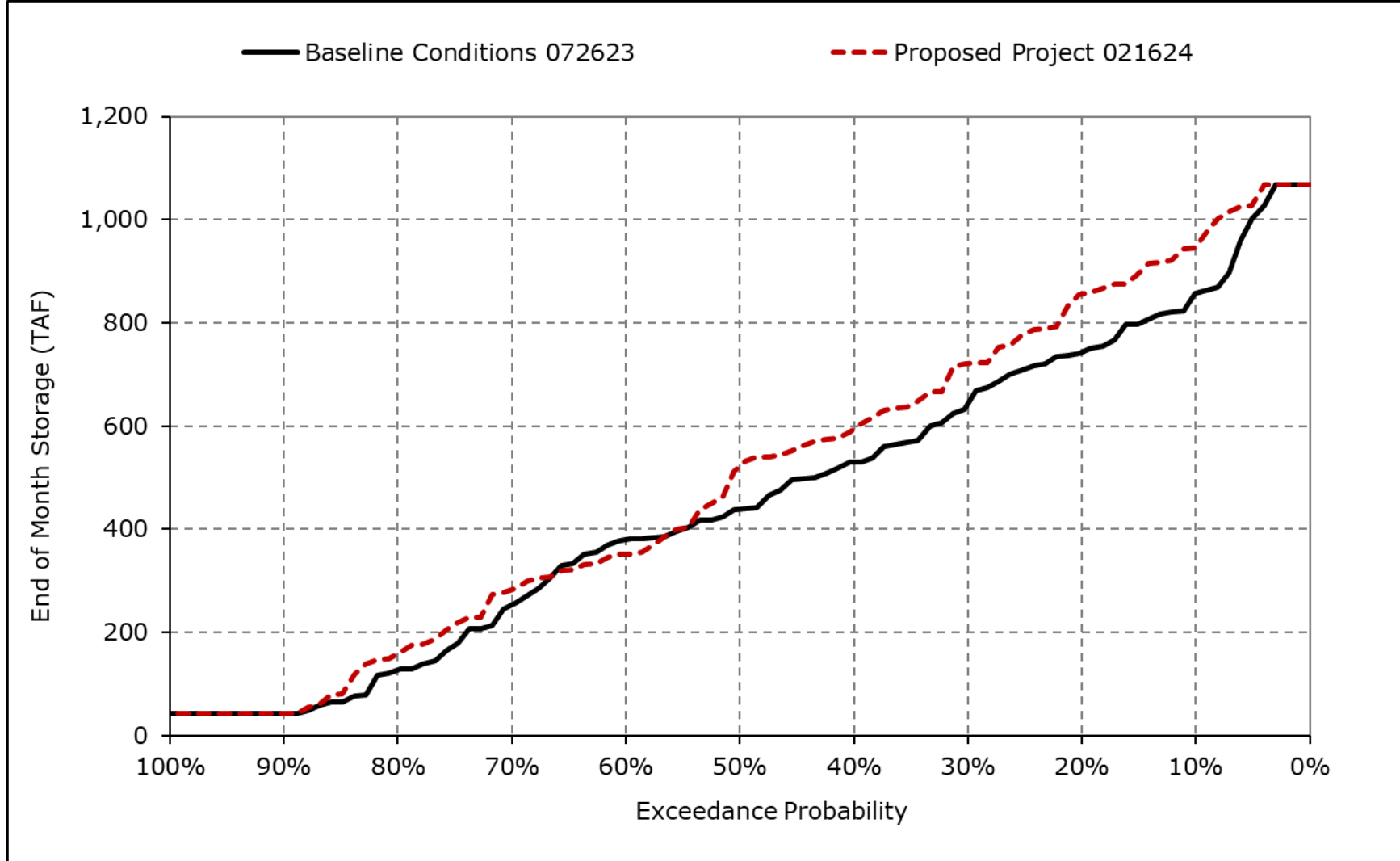
\* Water Year Types results are displayed with water year - year type sorting.

**Figure 4B-1-1a. San Luis SWP Storage, October**



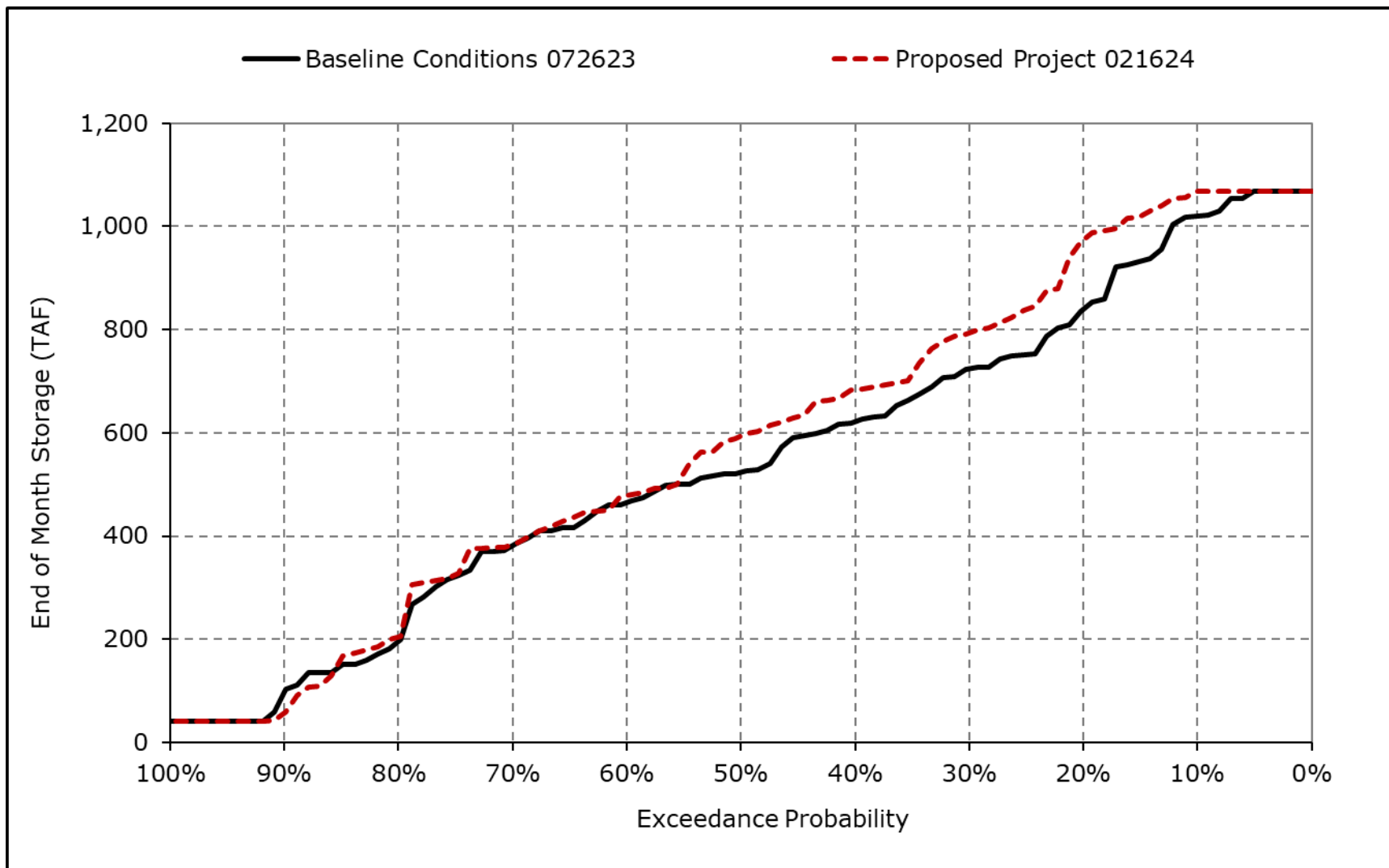
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-1b. San Luis SWP Storage, November**



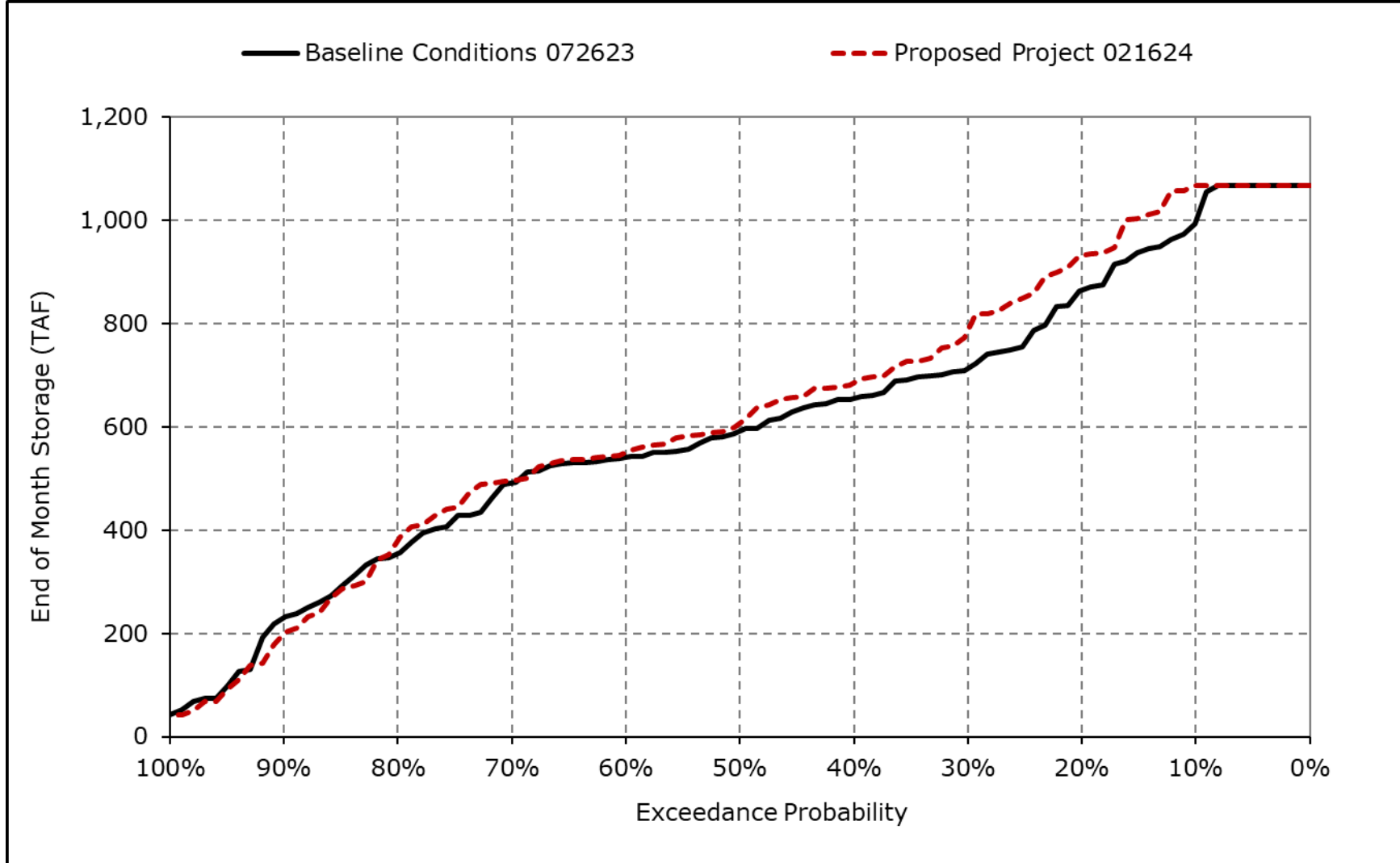
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-1c. San Luis SWP Storage, December**



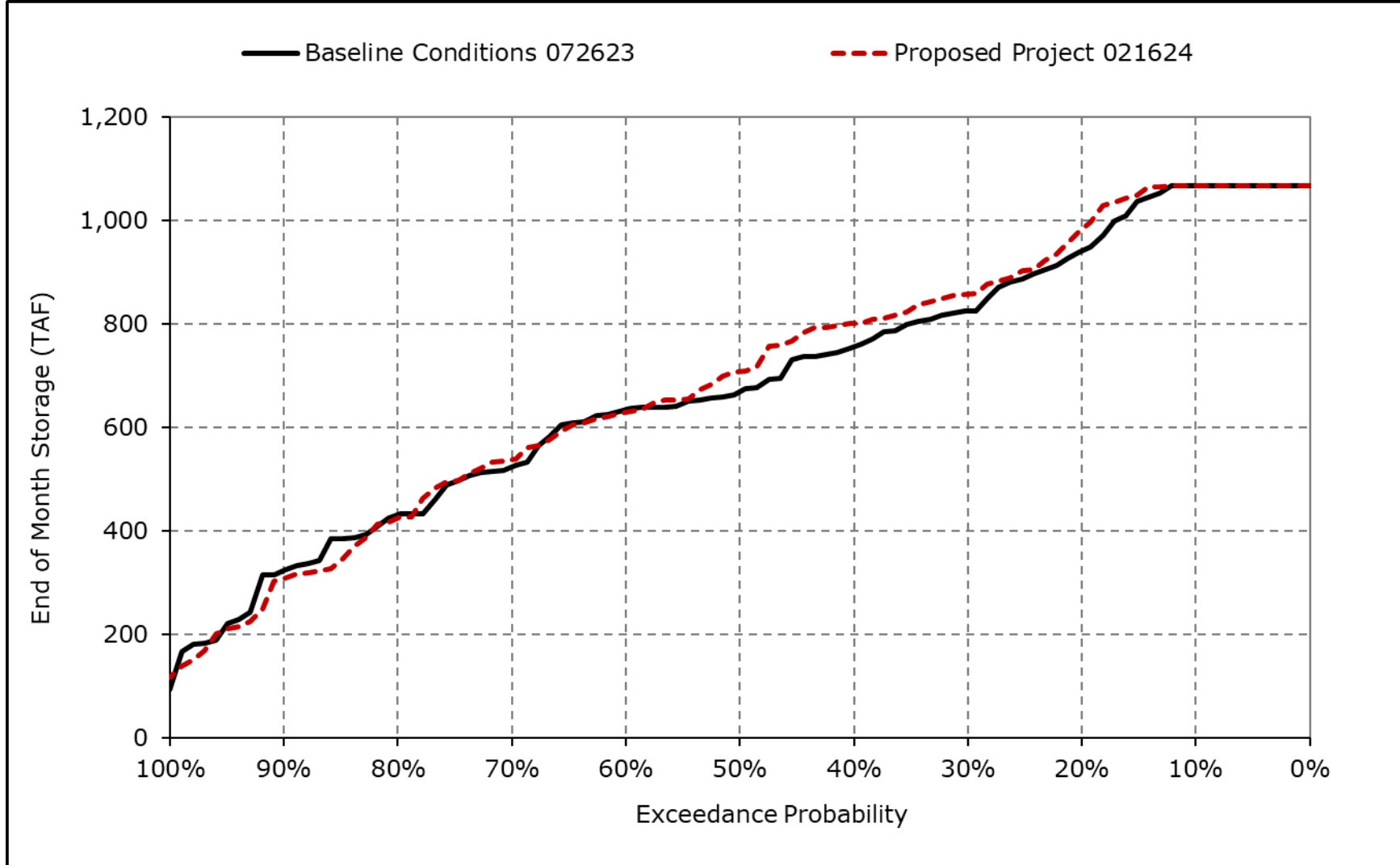
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-1d. San Luis SWP Storage, January**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

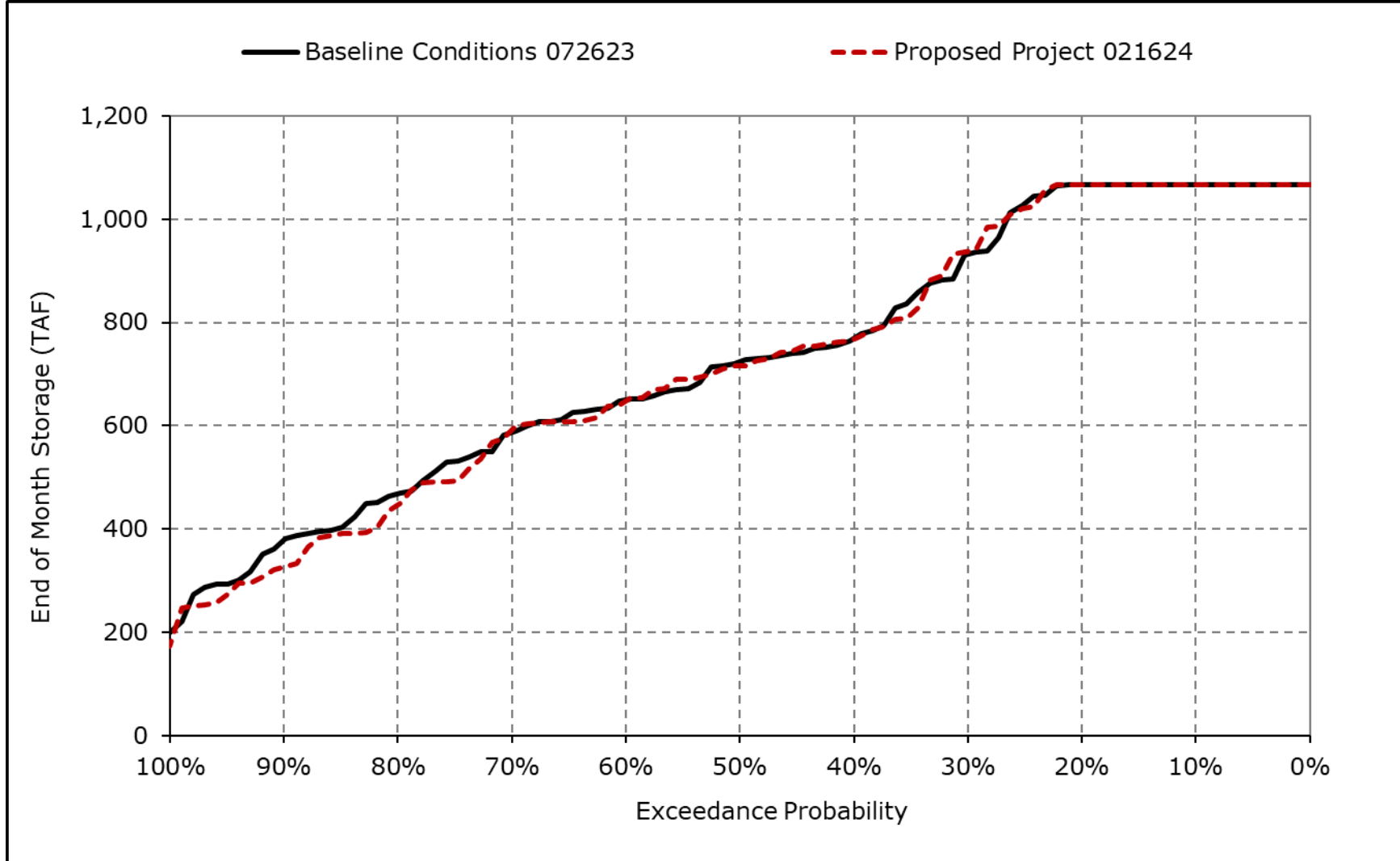
**Figure 4B-1-1e. San Luis SWP Storage, February**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

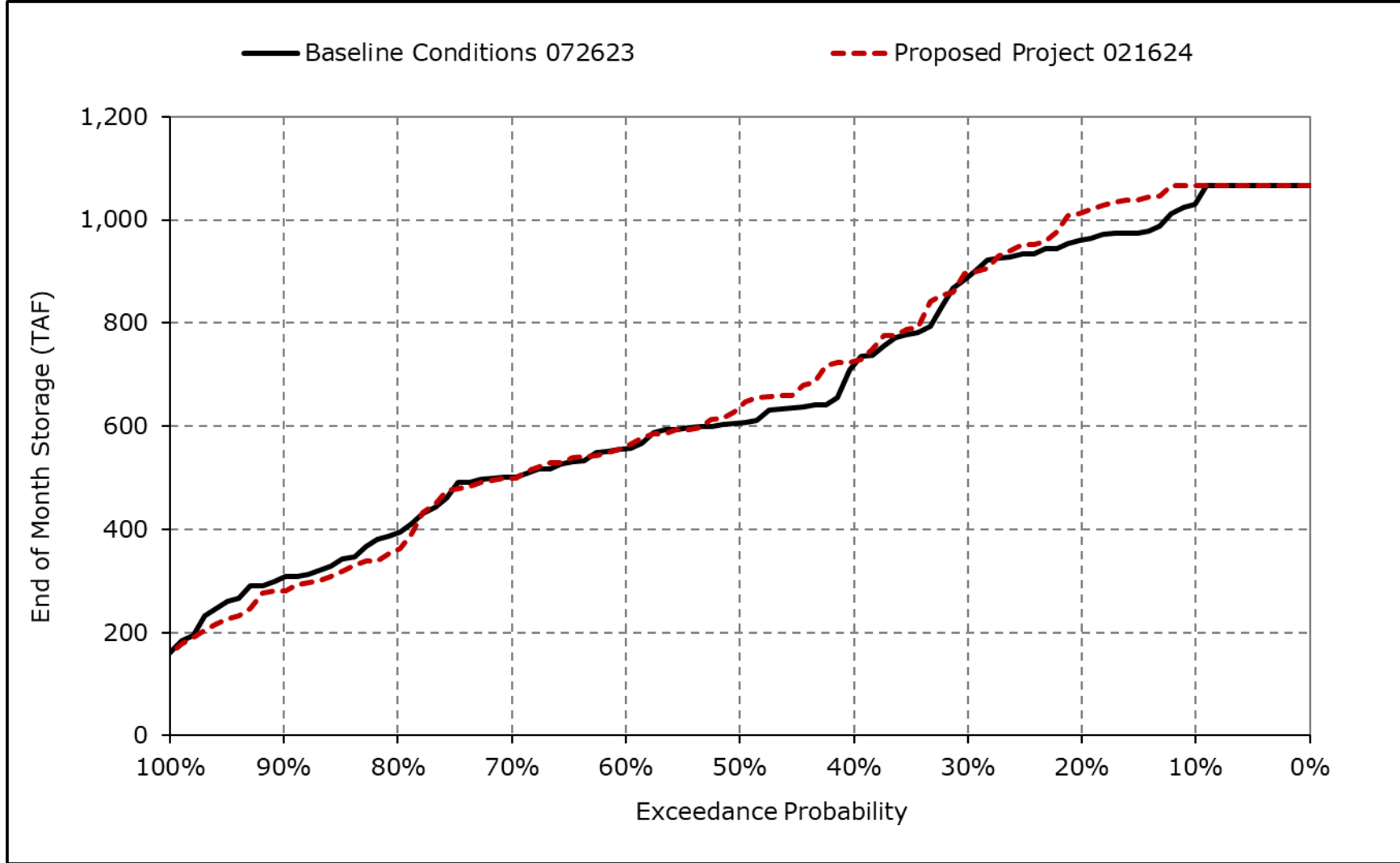


**Figure 4B-1-1f. San Luis SWP Storage, March**



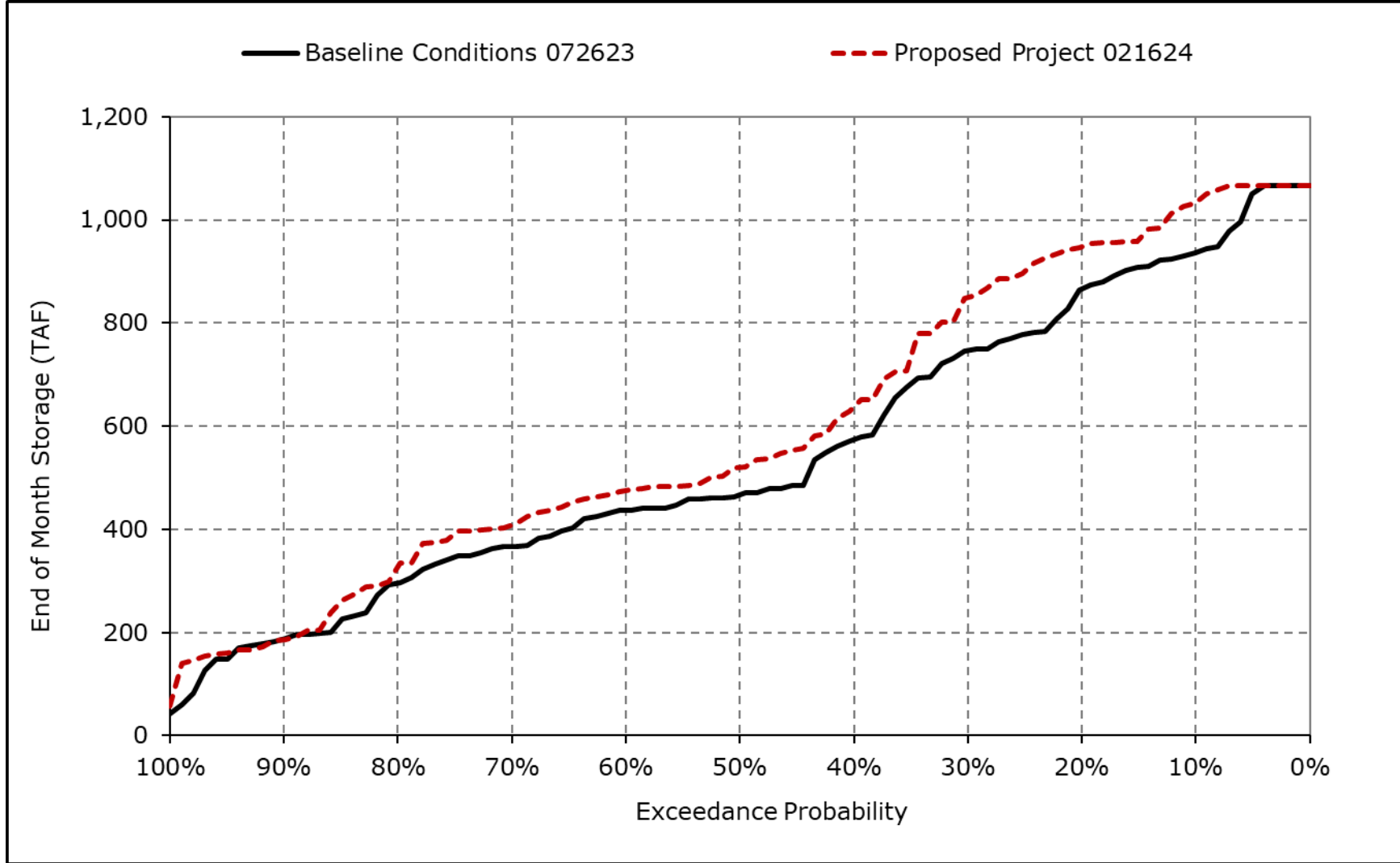
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-1g. San Luis SWP Storage, April**



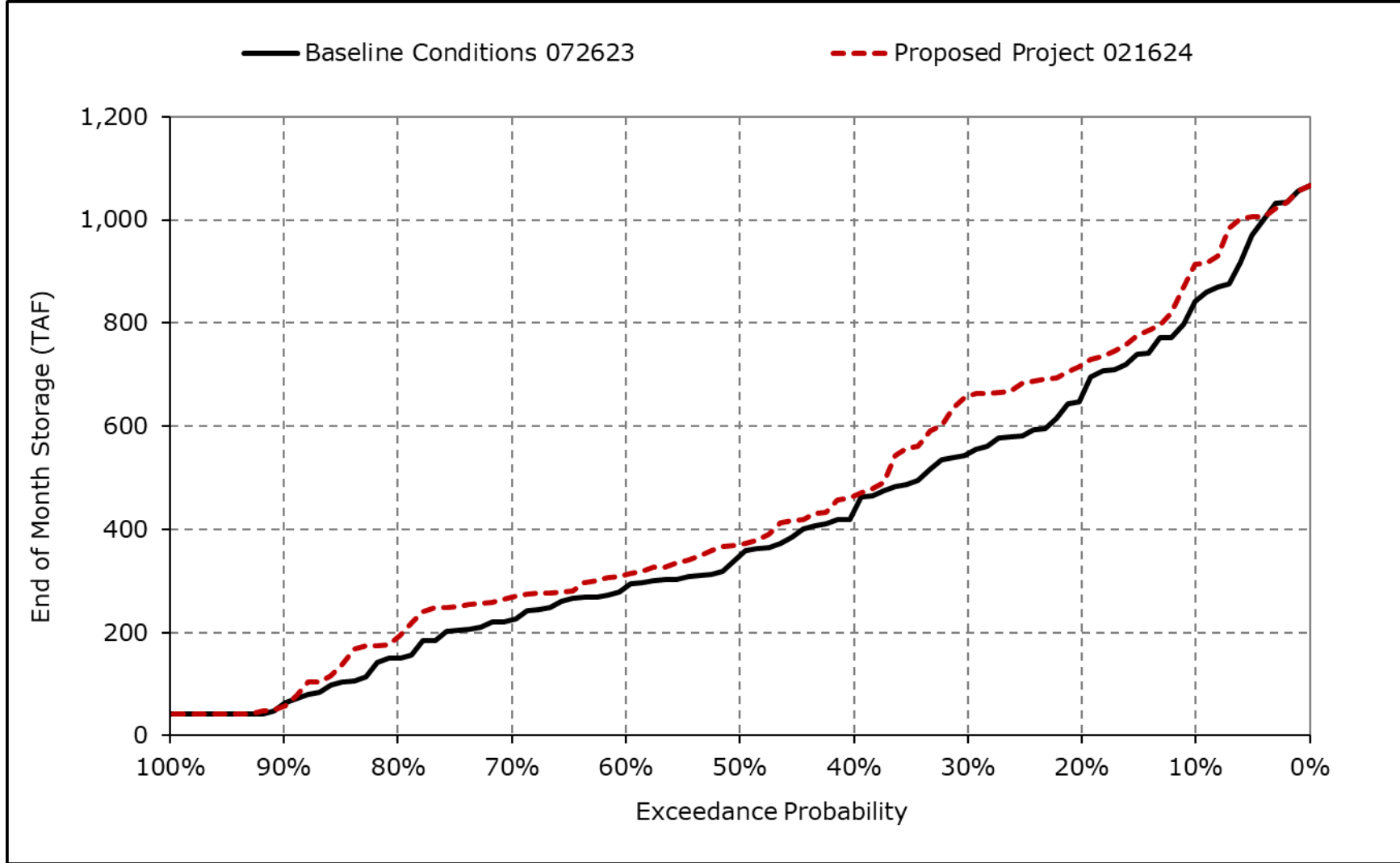
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-1h. San Luis SWP Storage, May**



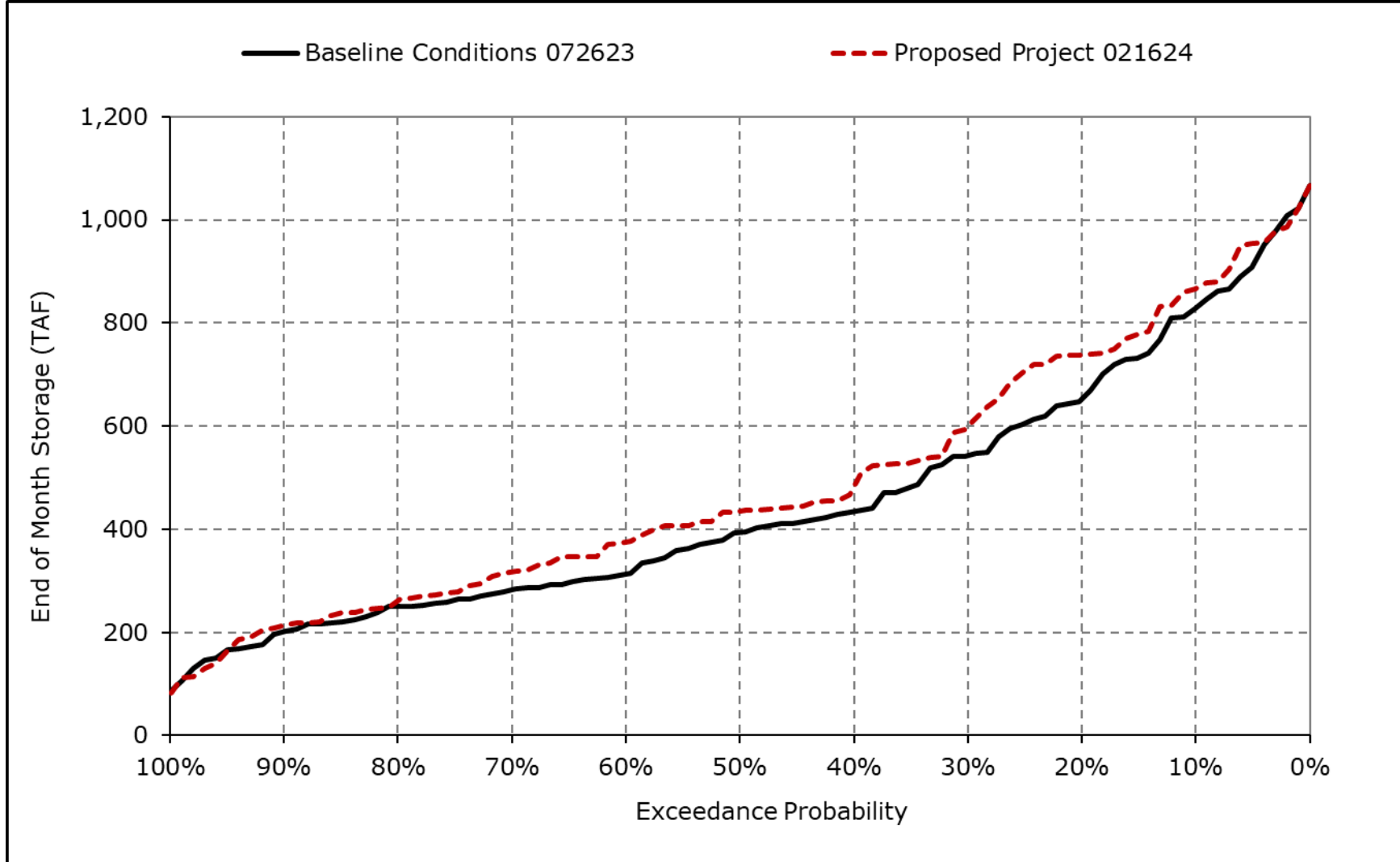
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-1i. San Luis SWP Storage, June**



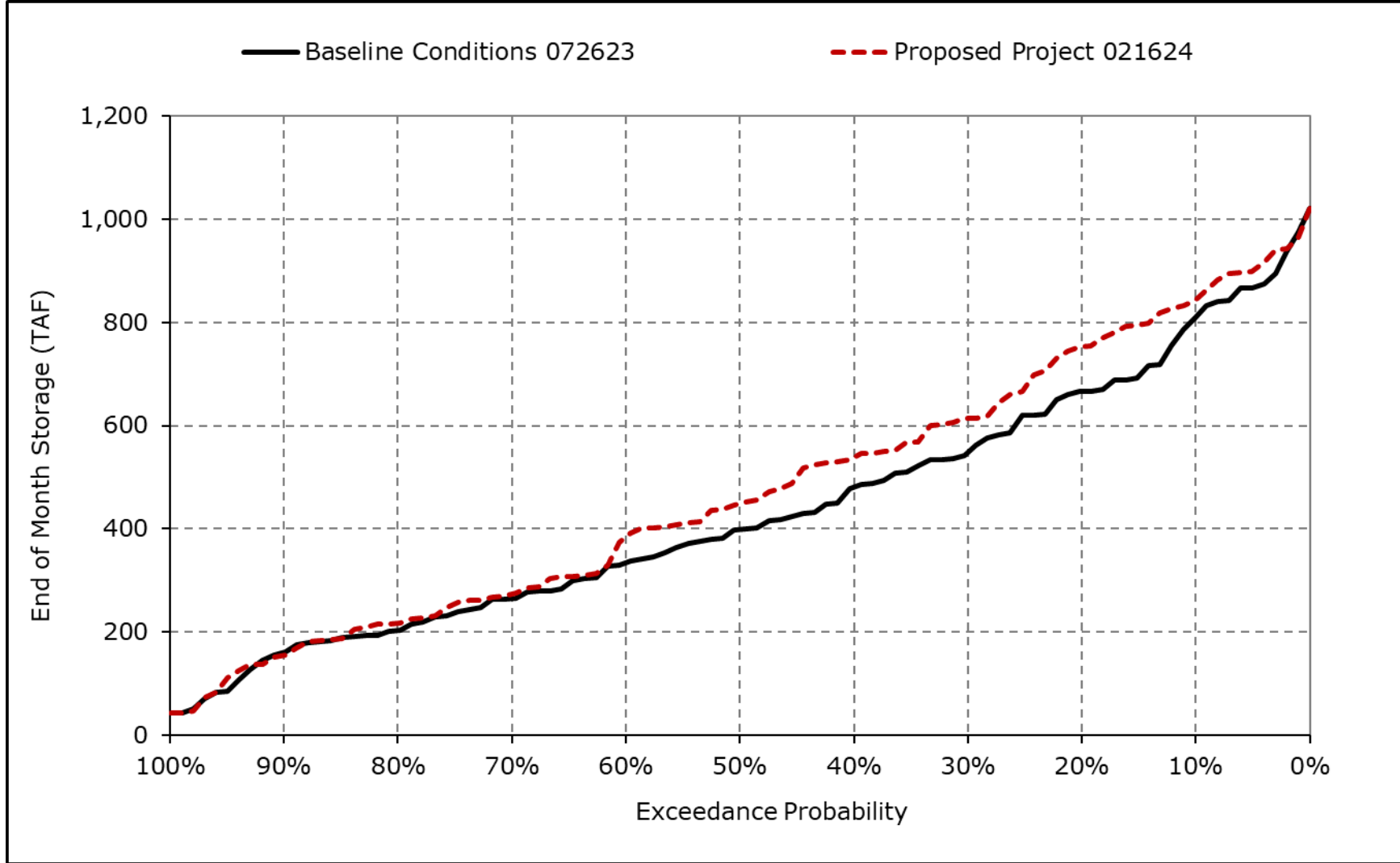
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-1j. San Luis SWP Storage, July**



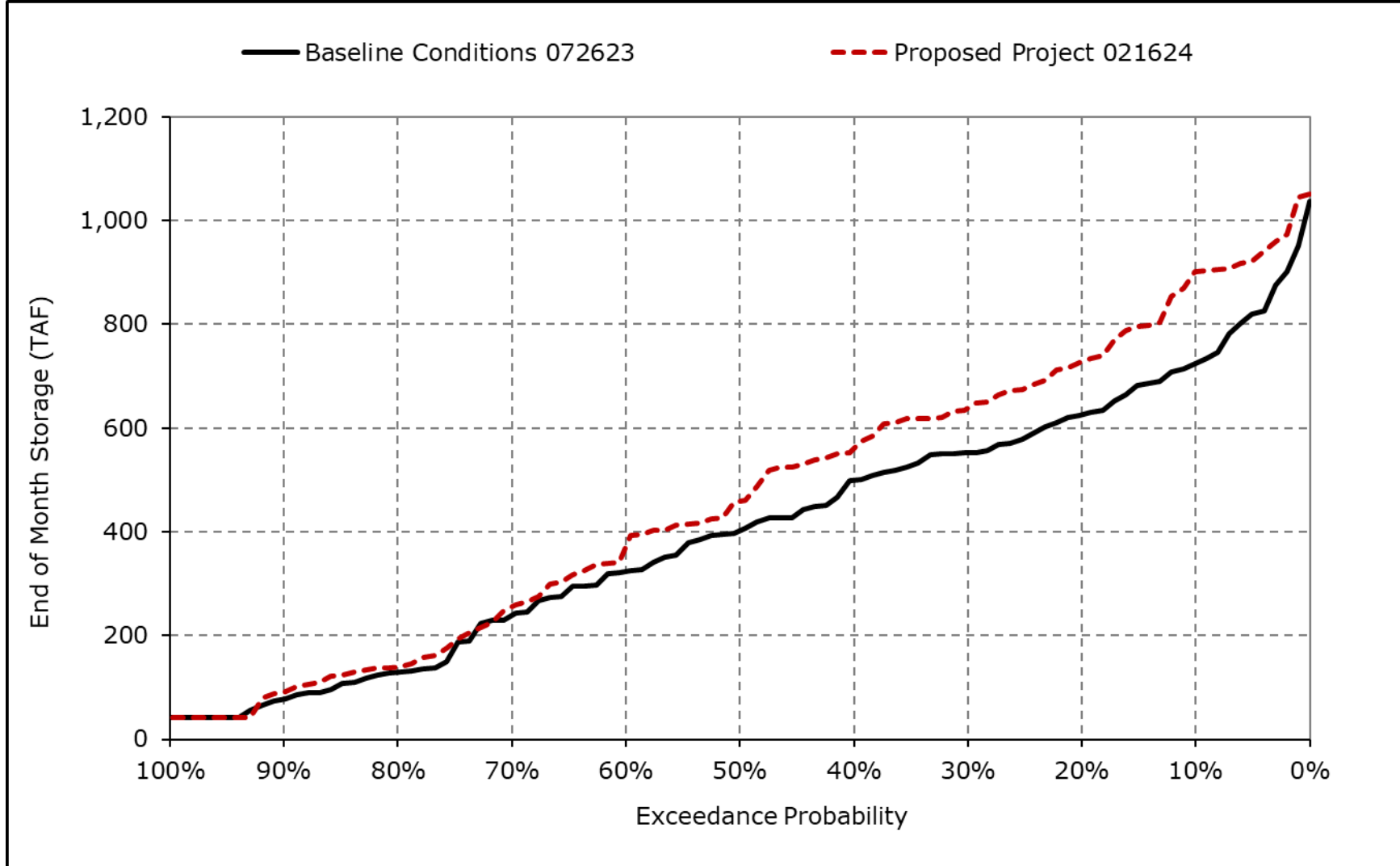
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-1k. San Luis SWP Storage, August**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-1I. San Luis SWP Storage, September**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Table 4B-1-2-1a. San Luis Storage (CVP and SWP), Baseline Conditions 072623, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,257	1,492	1,786	1,837	2,029	2,039	2,006	1,858	1,623	1,396	1,264	1,265
20% Exceedance	866	1,149	1,438	1,619	1,768	2,039	1,884	1,705	1,318	994	779	779
30% Exceedance	741	1,046	1,269	1,457	1,675	1,743	1,735	1,490	1,027	797	656	672
40% Exceedance	674	878	1,159	1,330	1,552	1,638	1,399	1,135	857	622	542	595
50% Exceedance	529	757	1,036	1,235	1,418	1,530	1,326	993	708	557	466	501
60% Exceedance	401	685	940	1,150	1,330	1,436	1,249	909	594	477	409	456
70% Exceedance	359	498	823	993	1,166	1,294	1,104	837	492	447	359	384
80% Exceedance	275	359	552	888	1,071	1,111	958	666	378	373	284	268
90% Exceedance	199	263	408	585	799	979	844	546	298	301	241	220
<b>Full Simulation Period Average<sup>a</sup></b>	<b>616</b>	<b>808</b>	<b>1,050</b>	<b>1,226</b>	<b>1,404</b>	<b>1,520</b>	<b>1,383</b>	<b>1,135</b>	<b>838</b>	<b>695</b>	<b>577</b>	<b>586</b>
<b>Wet Water Years (30%)</b>	<b>734</b>	<b>999</b>	<b>1,282</b>	<b>1,504</b>	<b>1,724</b>	<b>1,862</b>	<b>1,837</b>	<b>1,651</b>	<b>1,337</b>	<b>1,106</b>	<b>933</b>	<b>916</b>
<b>Above Normal Water Years (11%)</b>	<b>573</b>	<b>793</b>	<b>1,053</b>	<b>1,276</b>	<b>1,510</b>	<b>1,631</b>	<b>1,496</b>	<b>1,256</b>	<b>893</b>	<b>701</b>	<b>659</b>	<b>630</b>
<b>Below Normal Water Years (21%)</b>	<b>675</b>	<b>890</b>	<b>1,122</b>	<b>1,253</b>	<b>1,397</b>	<b>1,494</b>	<b>1,232</b>	<b>861</b>	<b>509</b>	<b>465</b>	<b>491</b>	<b>579</b>
<b>Dry Water Years (22%)</b>	<b>597</b>	<b>758</b>	<b>996</b>	<b>1,112</b>	<b>1,220</b>	<b>1,324</b>	<b>1,111</b>	<b>795</b>	<b>523</b>	<b>485</b>	<b>311</b>	<b>314</b>
<b>Critical Water Years (16%)</b>	<b>370</b>	<b>425</b>	<b>594</b>	<b>789</b>	<b>994</b>	<b>1,105</b>	<b>1,029</b>	<b>912</b>	<b>727</b>	<b>513</b>	<b>328</b>	<b>320</b>

**Table 4B-1-2-1b. San Luis Storage (CVP and SWP), Proposed Project 021624, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	1,334	1,508	1,857	1,907	2,027	2,039	2,039	1,934	1,702	1,414	1,300	1,326
20% Exceedance	960	1,247	1,538	1,652	1,787	2,039	1,940	1,790	1,345	1,017	841	859
30% Exceedance	839	1,117	1,348	1,483	1,707	1,786	1,725	1,624	1,151	878	726	759
40% Exceedance	703	927	1,205	1,357	1,579	1,637	1,495	1,168	838	663	616	663
50% Exceedance	547	789	1,074	1,228	1,432	1,500	1,317	1,021	725	563	503	559
60% Exceedance	439	648	958	1,159	1,289	1,408	1,207	956	611	497	449	471
70% Exceedance	371	517	822	1,038	1,178	1,229	1,103	832	486	452	355	382
80% Exceedance	304	377	585	862	1,019	1,085	922	680	407	391	294	282
90% Exceedance	226	303	341	585	796	975	828	564	251	312	239	219
<b>Full Simulation Period Average<sup>a</sup></b>	<b>664</b>	<b>852</b>	<b>1,086</b>	<b>1,242</b>	<b>1,402</b>	<b>1,499</b>	<b>1,377</b>	<b>1,179</b>	<b>858</b>	<b>721</b>	<b>612</b>	<b>641</b>
<b>Wet Water Years (30%)</b>	<b>790</b>	<b>1,044</b>	<b>1,311</b>	<b>1,510</b>	<b>1,727</b>	<b>1,855</b>	<b>1,837</b>	<b>1,727</b>	<b>1,391</b>	<b>1,154</b>	<b>995</b>	<b>1,037</b>
<b>Above Normal Water Years (11%)</b>	<b>620</b>	<b>838</b>	<b>1,117</b>	<b>1,325</b>	<b>1,527</b>	<b>1,625</b>	<b>1,518</b>	<b>1,343</b>	<b>930</b>	<b>745</b>	<b>700</b>	<b>709</b>
<b>Below Normal Water Years (21%)</b>	<b>742</b>	<b>949</b>	<b>1,180</b>	<b>1,299</b>	<b>1,424</b>	<b>1,484</b>	<b>1,252</b>	<b>944</b>	<b>562</b>	<b>522</b>	<b>550</b>	<b>625</b>
<b>Dry Water Years (22%)</b>	<b>641</b>	<b>799</b>	<b>1,020</b>	<b>1,123</b>	<b>1,192</b>	<b>1,274</b>	<b>1,068</b>	<b>775</b>	<b>482</b>	<b>465</b>	<b>311</b>	<b>309</b>
<b>Critical Water Years (16%)</b>	<b>388</b>	<b>444</b>	<b>608</b>	<b>774</b>	<b>967</b>	<b>1,075</b>	<b>1,008</b>	<b>906</b>	<b>717</b>	<b>508</b>	<b>331</b>	<b>328</b>

**Table 4B-1-2-1c. San Luis Storage (CVP and SWP), Proposed Project 021624 minus Baseline Conditions 072623, End of Month Storage (TAF)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	77	16	70	70	-2	0	33	77	79	18	36	60
20% Exceedance	93	98	100	33	19	0	56	85	27	22	62	79
30% Exceedance	98	71	79	26	32	43	-10	135	124	80	69	87
40% Exceedance	29	50	46	27	26	-1	96	33	-19	41	75	69
50% Exceedance	18	33	38	-7	14	-29	-9	28	17	6	38	58
60% Exceedance	38	-37	17	9	-42	-28	-42	46	17	20	39	15
70% Exceedance	12	19	-1	44	12	-64	-1	-5	-7	6	-4	-1
80% Exceedance	29	18	33	-25	-51	-26	-36	14	28	18	10	14
90% Exceedance	27	41	-67	0	-3	-4	-17	18	-47	12	-1	-1
<b>Full Simulation Period Average<sup>a</sup></b>	<b>48</b>	<b>43</b>	<b>35</b>	<b>17</b>	<b>-2</b>	<b>-21</b>	<b>-6</b>	<b>44</b>	<b>20</b>	<b>26</b>	<b>36</b>	<b>54</b>
<b>Wet Water Years (30%)</b>	<b>56</b>	<b>46</b>	<b>29</b>	<b>6</b>	<b>2</b>	<b>-7</b>	<b>1</b>	<b>76</b>	<b>53</b>	<b>49</b>	<b>62</b>	<b>120</b>
<b>Above Normal Water Years (11%)</b>	<b>47</b>	<b>44</b>	<b>64</b>	<b>49</b>	<b>18</b>	<b>-6</b>	<b>22</b>	<b>86</b>	<b>37</b>	<b>44</b>	<b>40</b>	<b>79</b>
<b>Below Normal Water Years (21%)</b>	<b>67</b>	<b>59</b>	<b>58</b>	<b>45</b>	<b>27</b>	<b>-10</b>	<b>20</b>	<b>83</b>	<b>53</b>	<b>57</b>	<b>59</b>	<b>46</b>
<b>Dry Water Years (22%)</b>	<b>44</b>	<b>41</b>	<b>24</b>	<b>10</b>	<b>-28</b>	<b>-50</b>	<b>-43</b>	<b>-19</b>	<b>-42</b>	<b>-20</b>	<b>-1</b>	<b>-5</b>
<b>Critical Water Years (16%)</b>	<b>18</b>	<b>19</b>	<b>14</b>	<b>-15</b>	<b>-27</b>	<b>-30</b>	<b>-21</b>	<b>-6</b>	<b>-10</b>	<b>-5</b>	<b>3</b>	<b>8</b>

<sup>a</sup> Based on the 100-year simulation period.

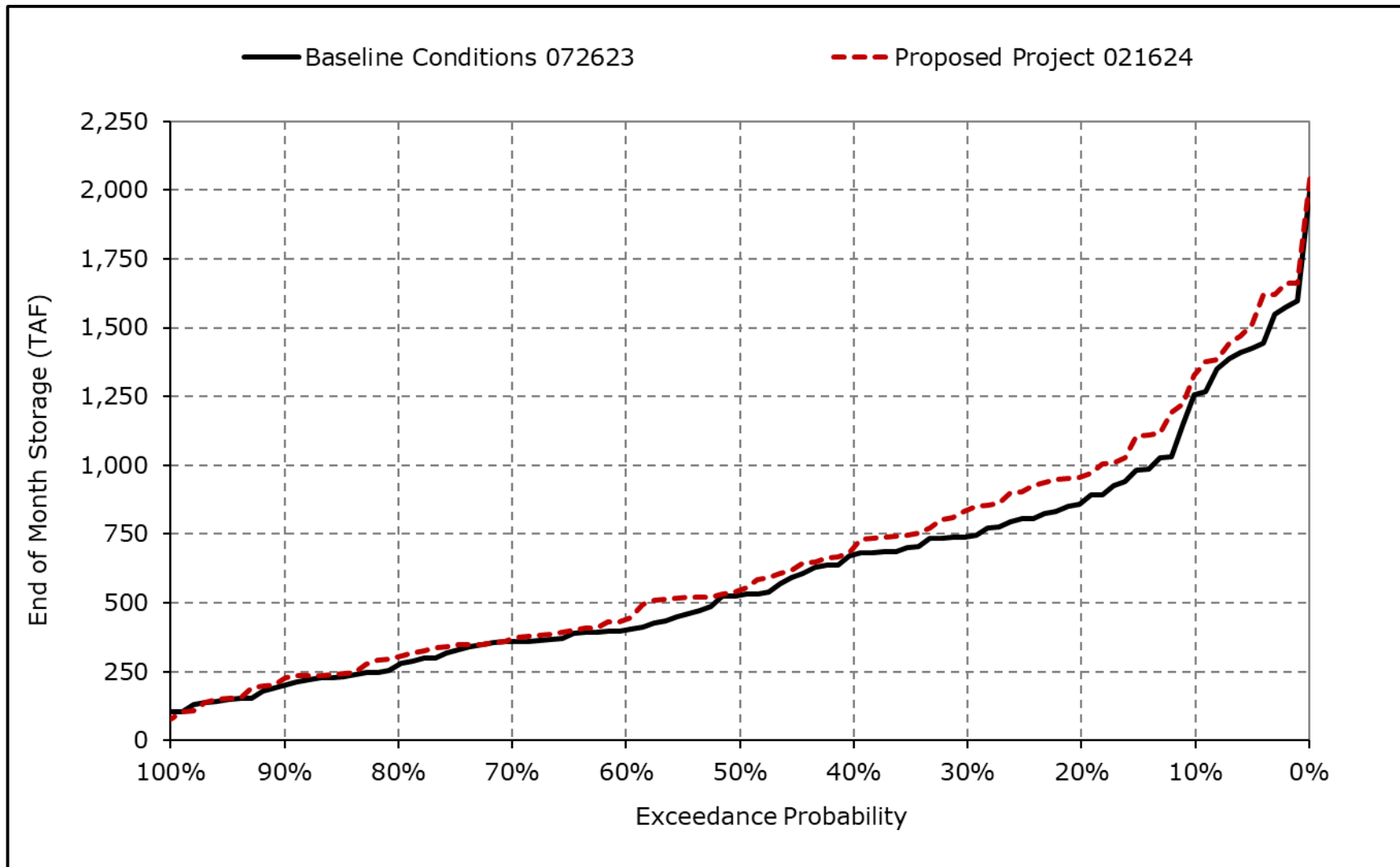
\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

\* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

\* Water Year Types results are displayed with water year - year type sorting.

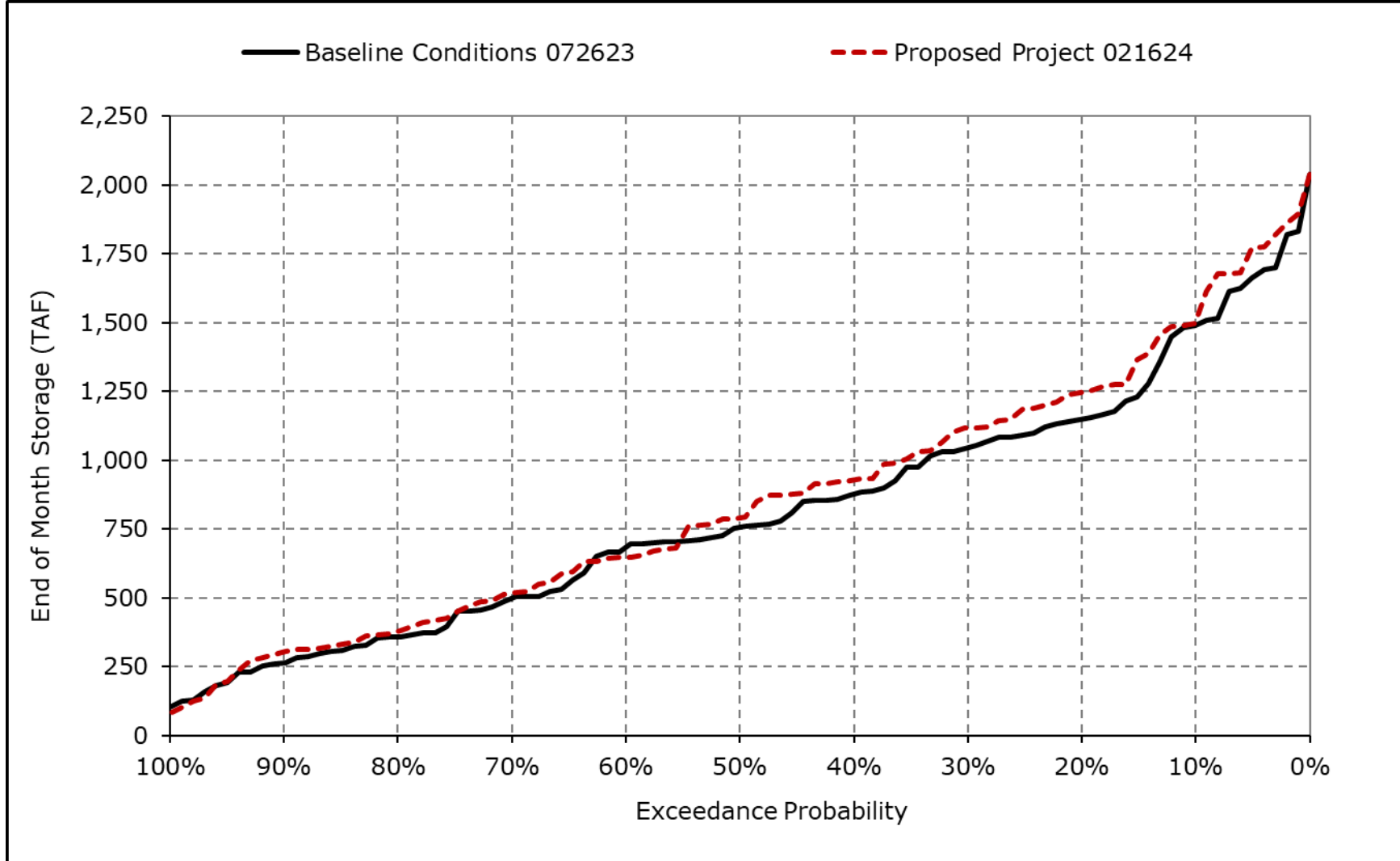


**Figure 4B-1-2a. San Luis Storage (CVP and SWP), October**



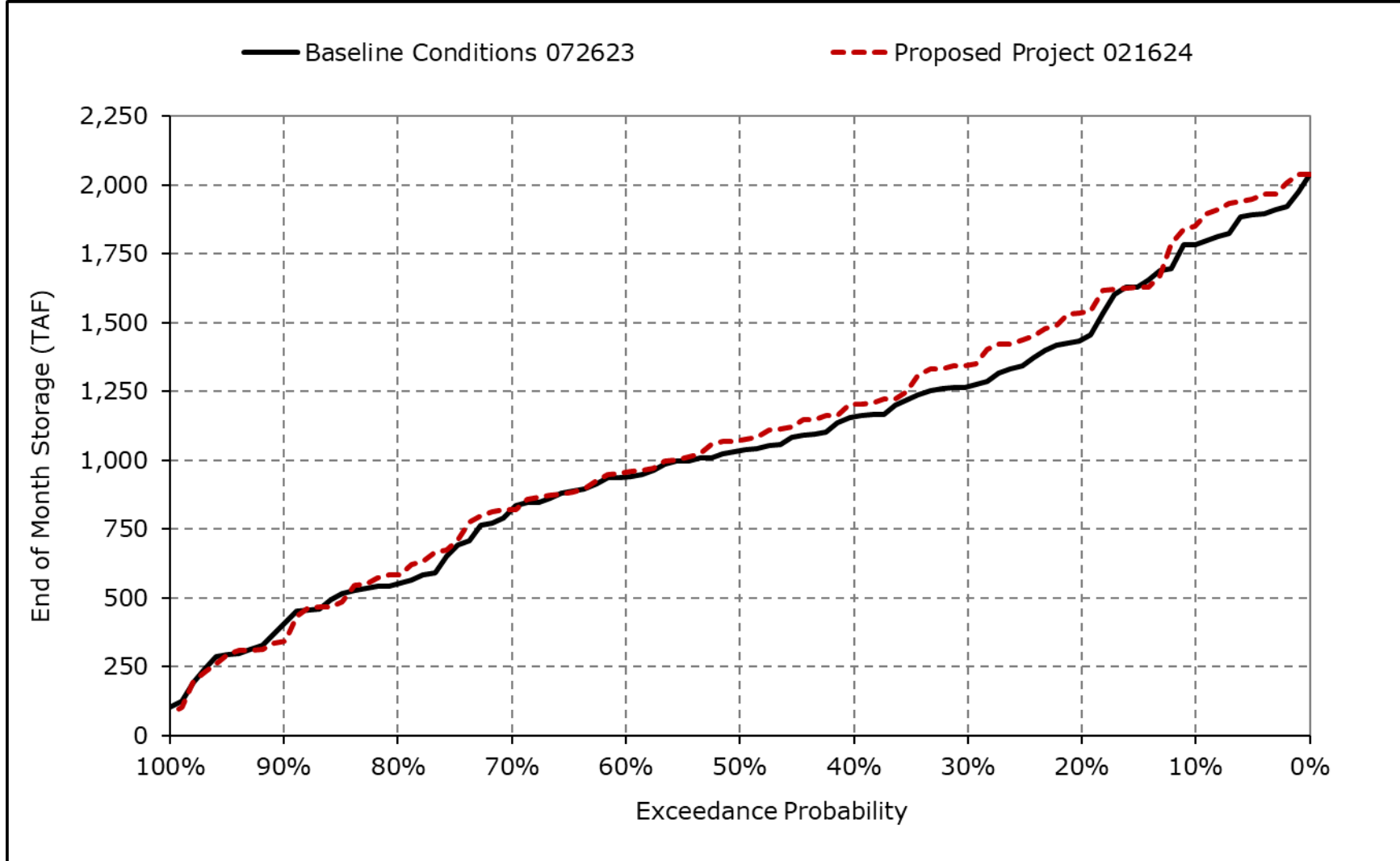
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-2b. San Luis Storage (CVP and SWP), November**



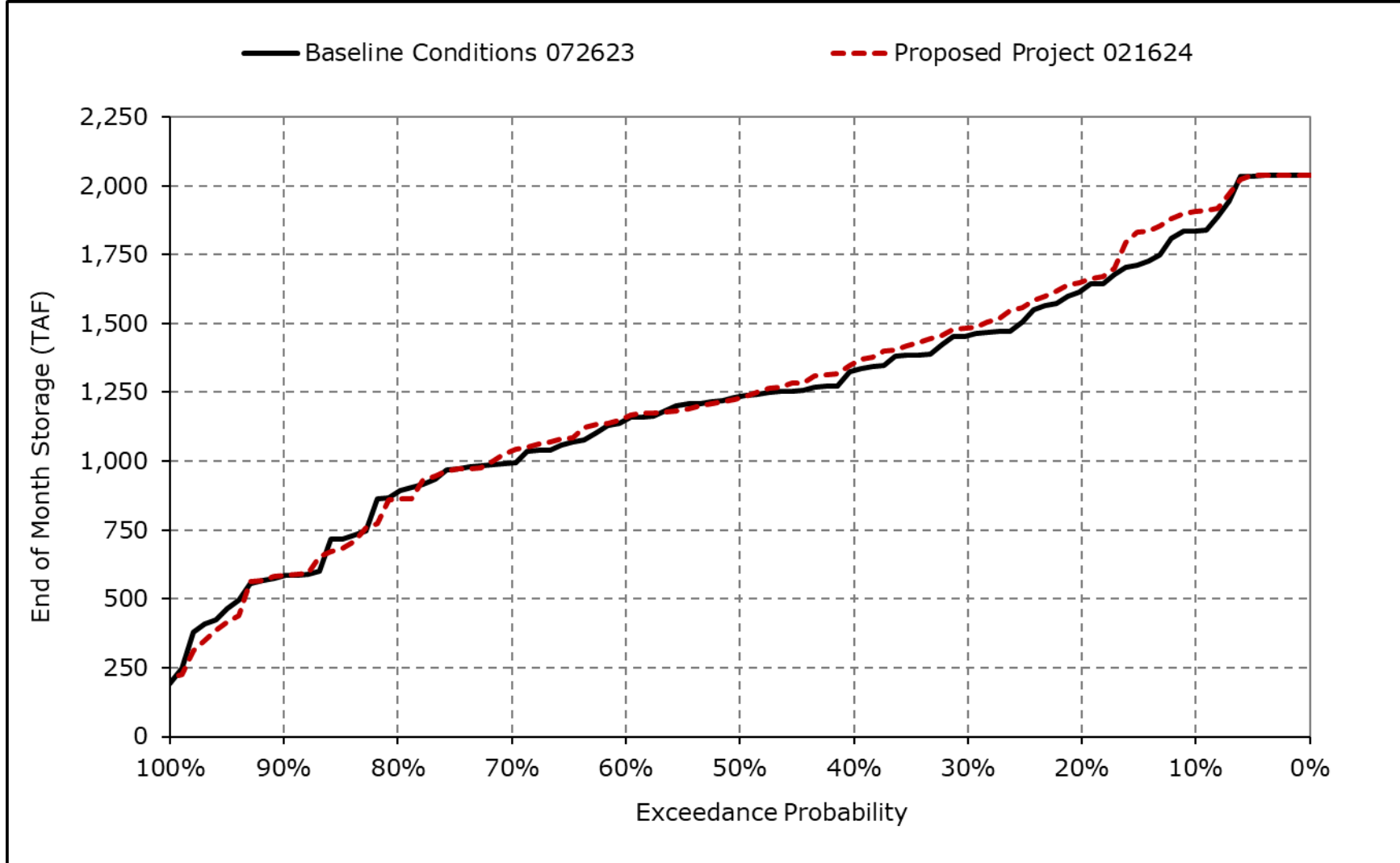
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-2c. San Luis Storage (CVP and SWP), December**



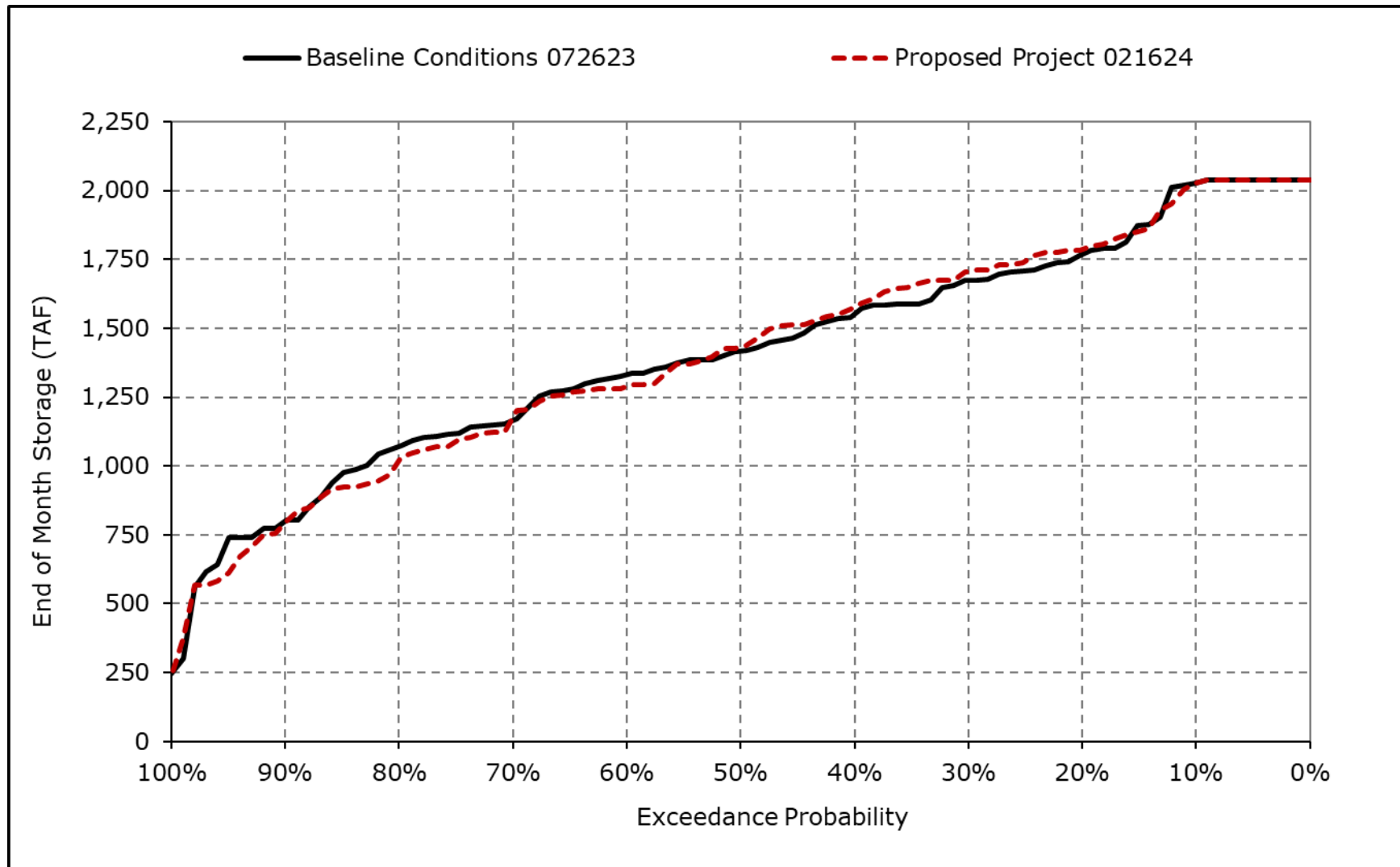
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-2d. San Luis Storage (CVP and SWP), January**



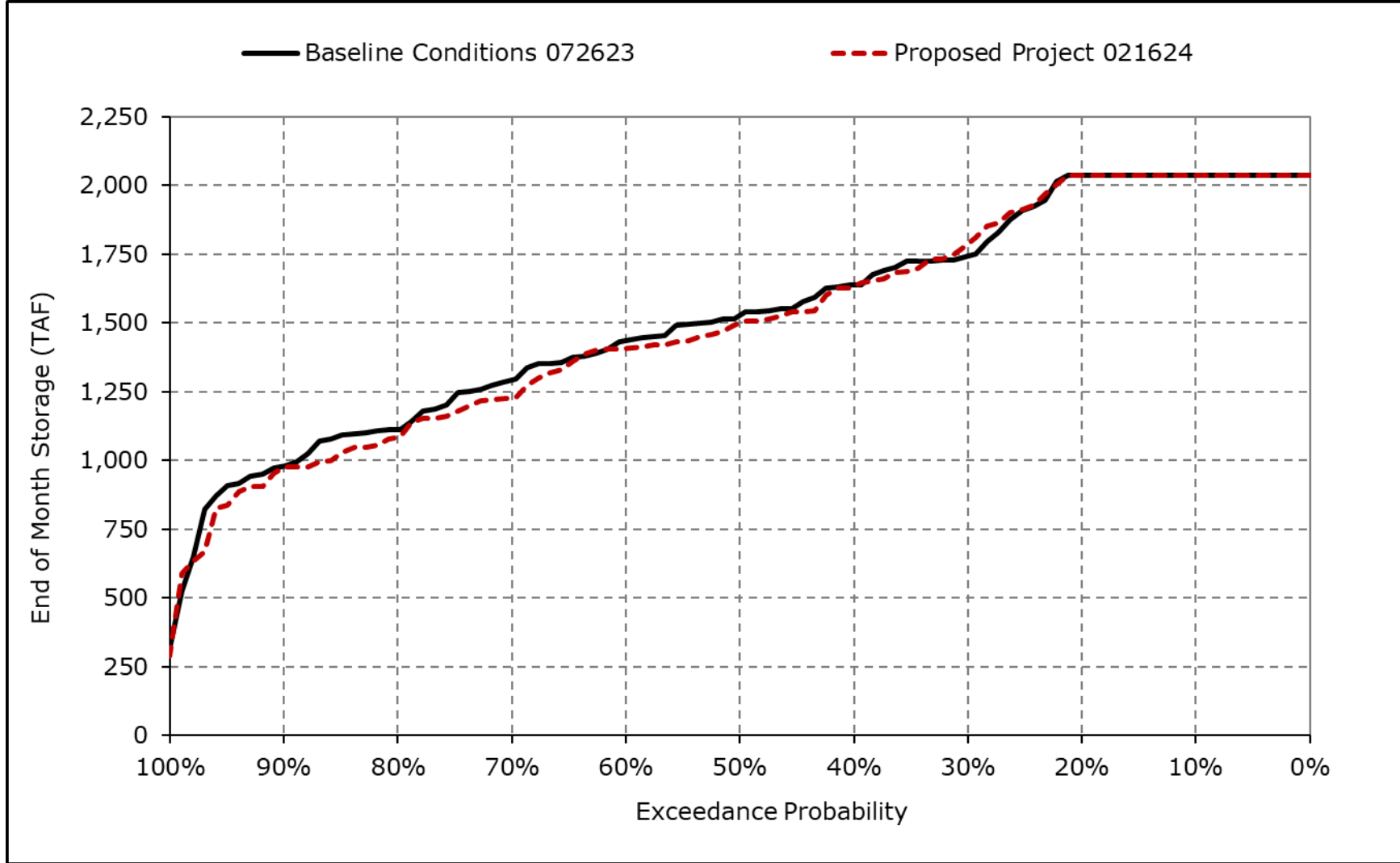
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-2e. San Luis Storage (CVP and SWP), February**



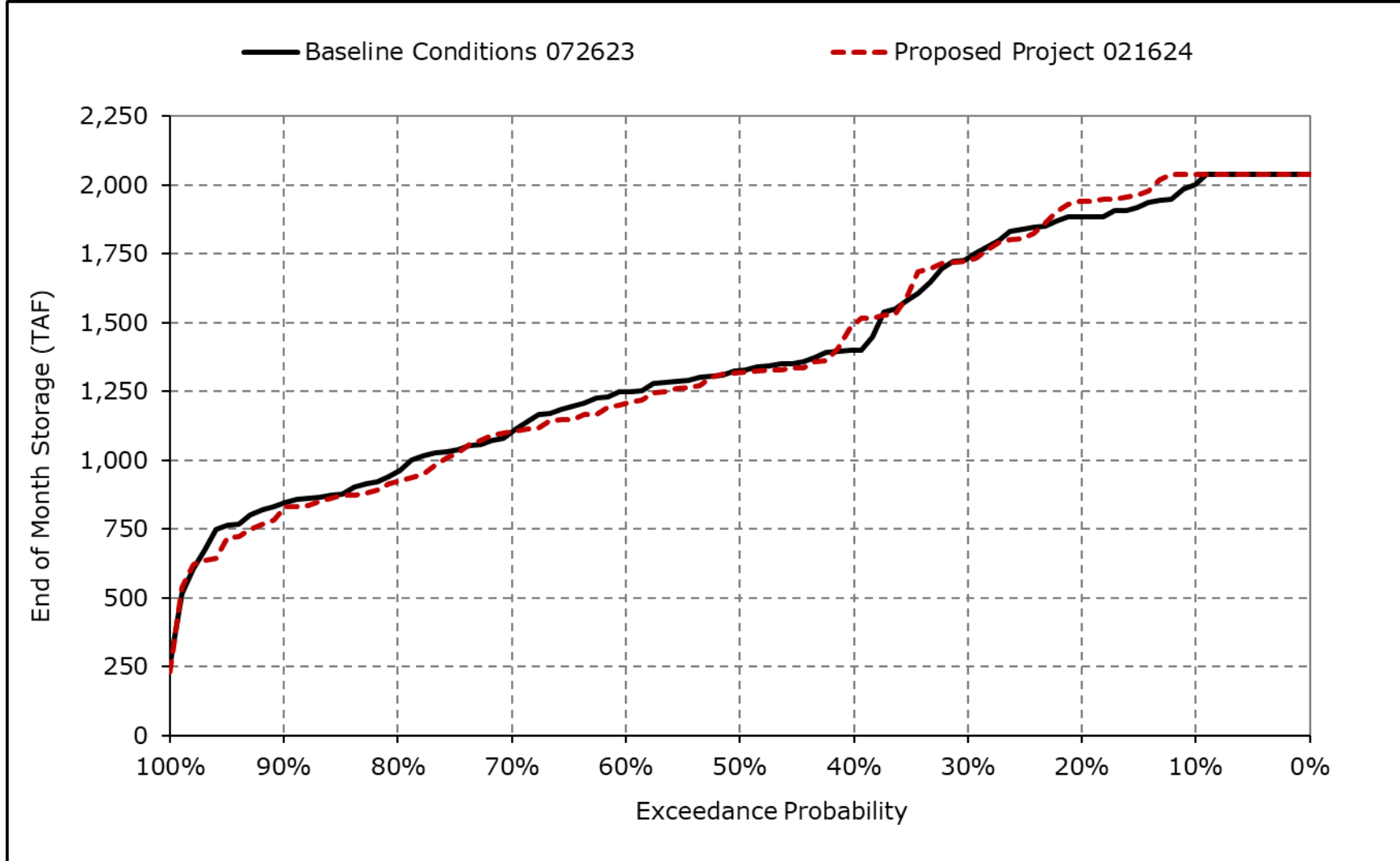
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-2f. San Luis Storage (CVP and SWP), March**



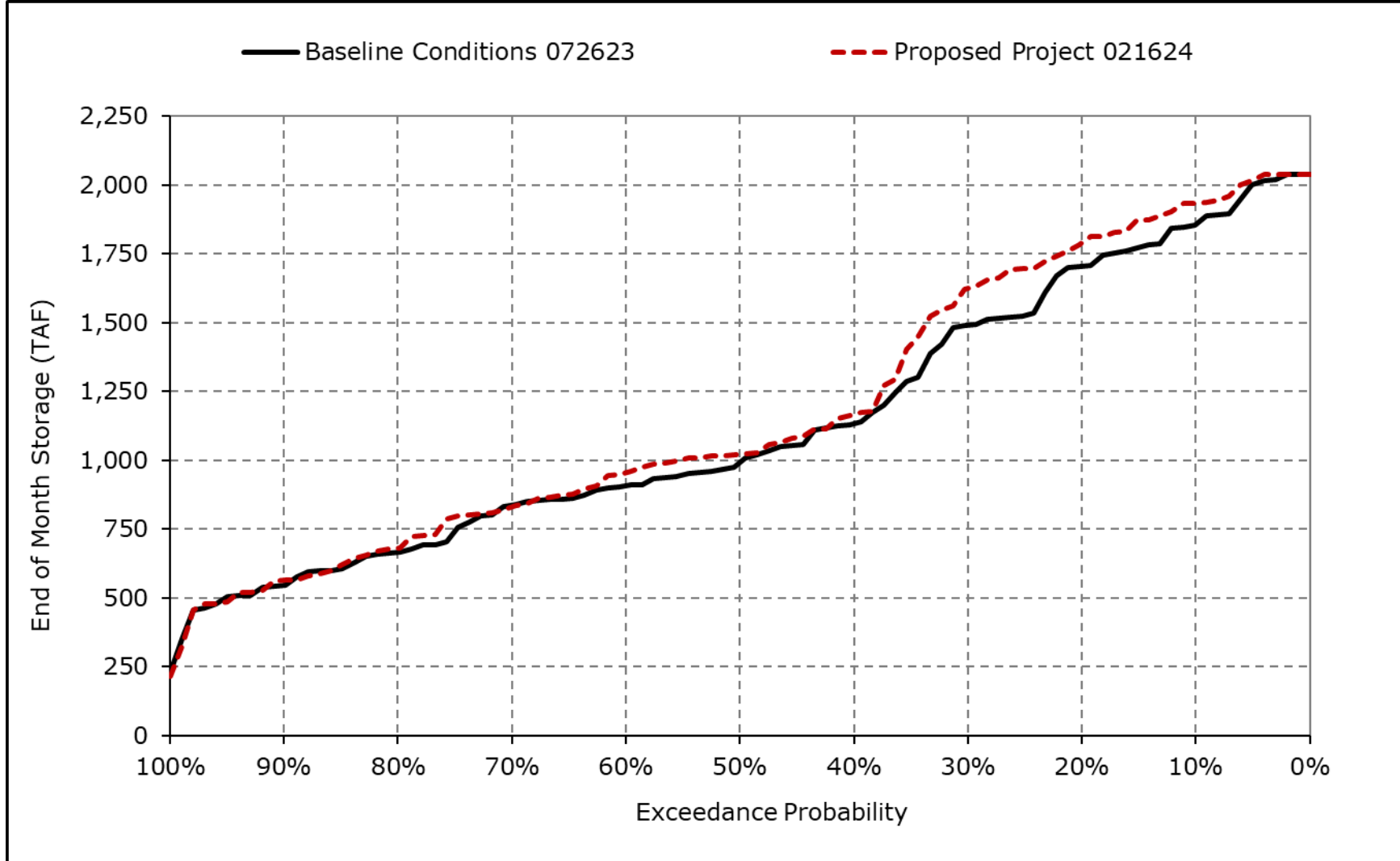
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-2g. San Luis Storage (CVP and SWP), April**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

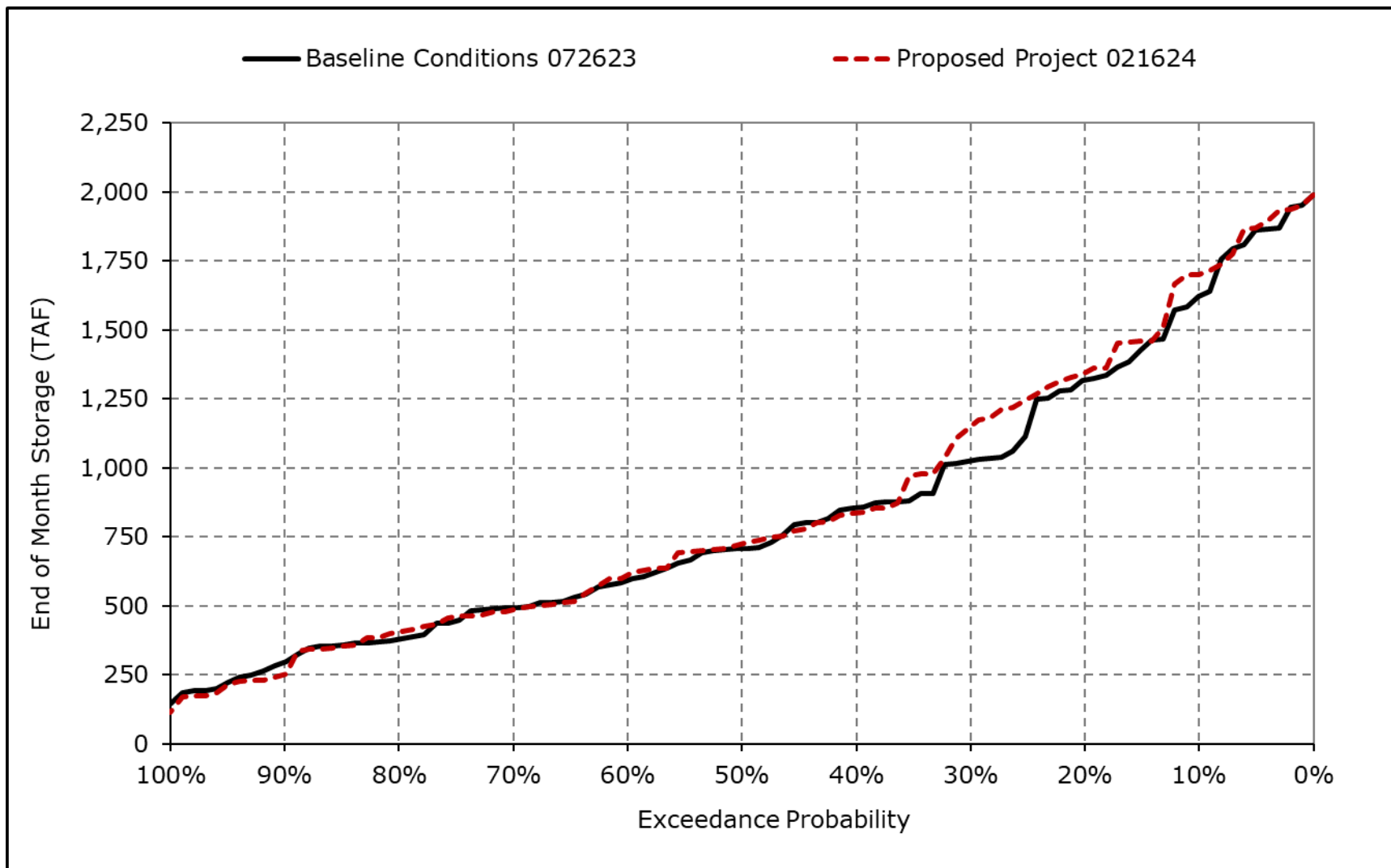
**Figure 4B-1-2h. San Luis Storage (CVP and SWP), May**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

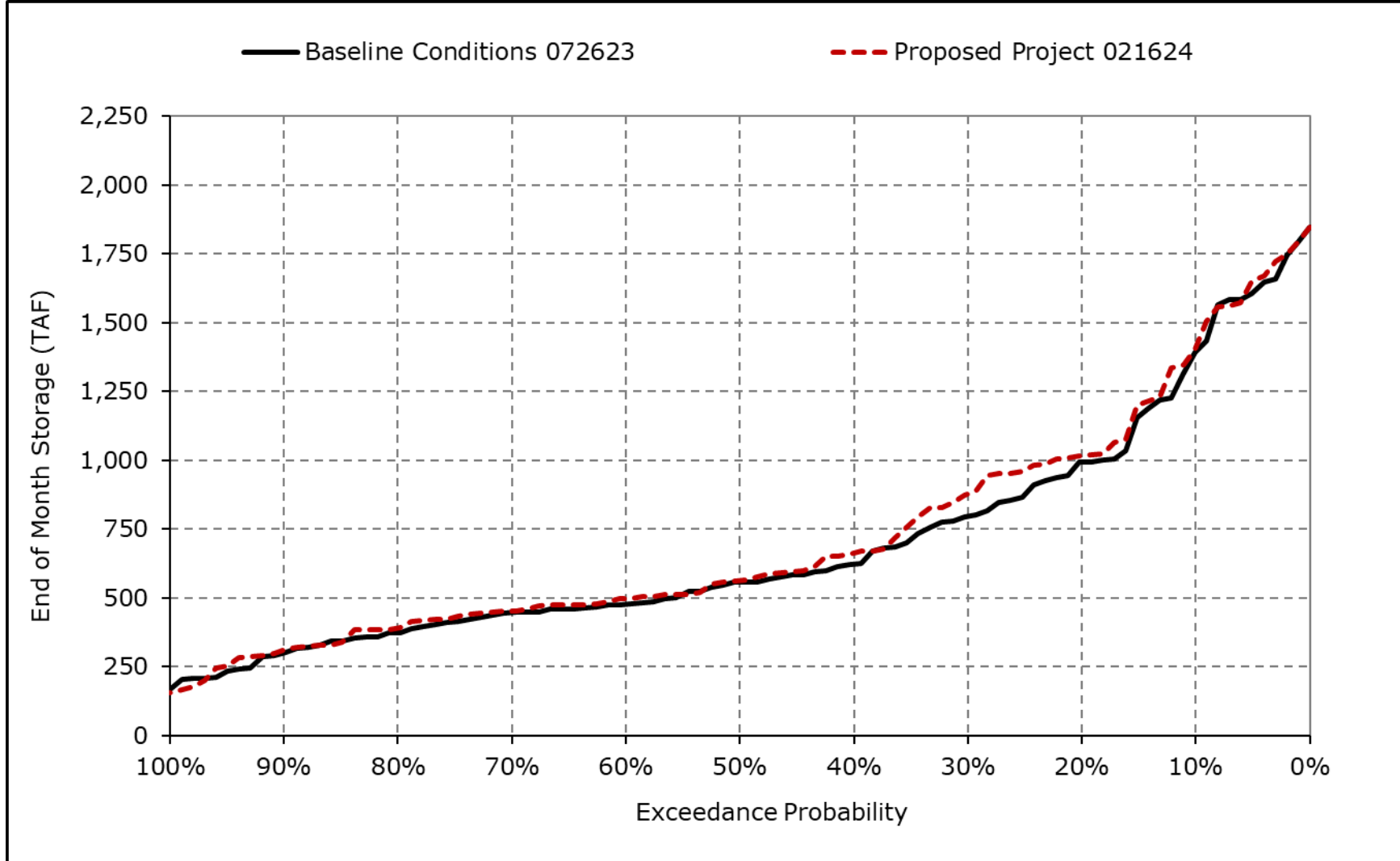


**Figure 4B-1-2i. San Luis Storage (CVP and SWP), June**



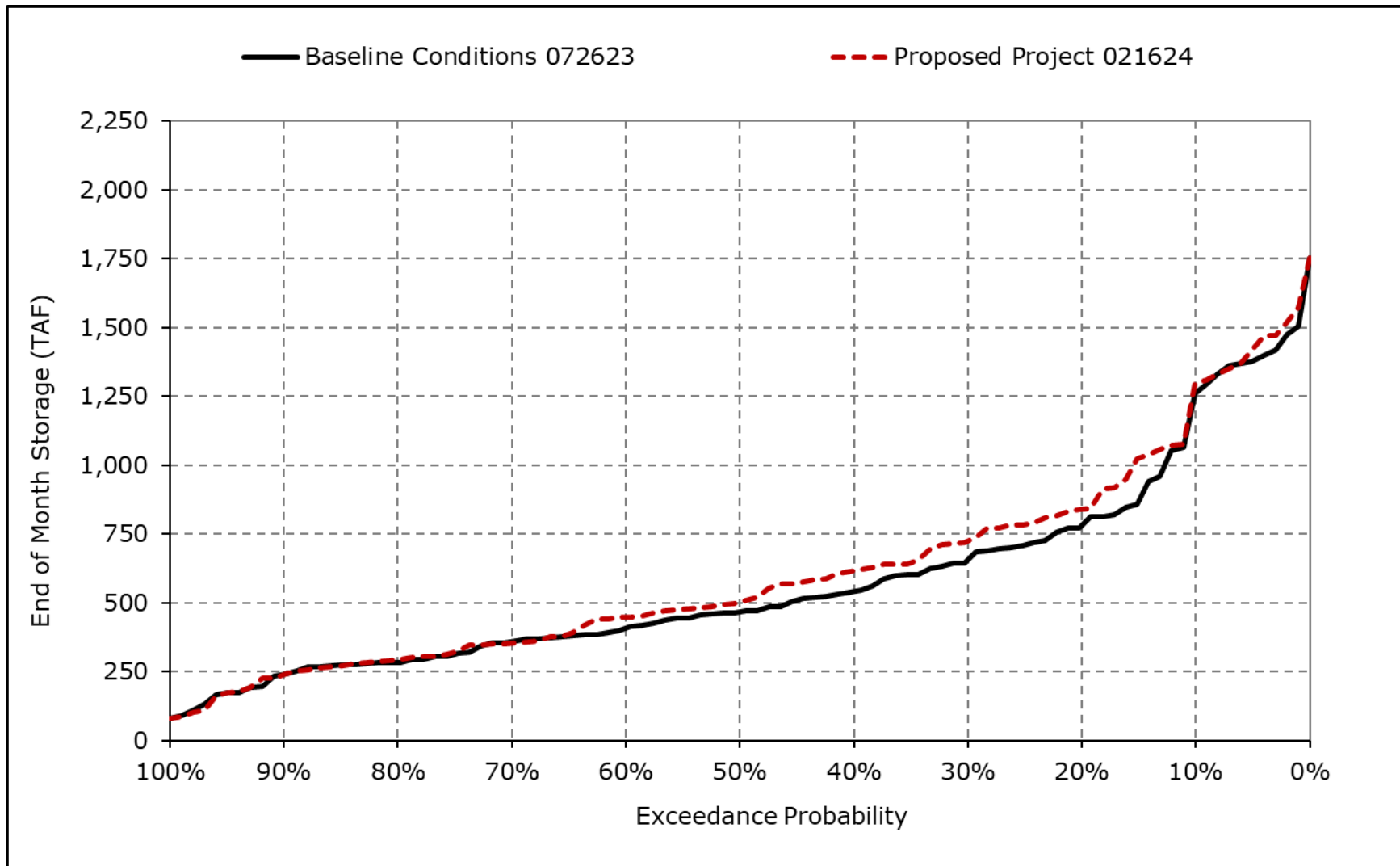
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-2j. San Luis Storage (CVP and SWP), July**



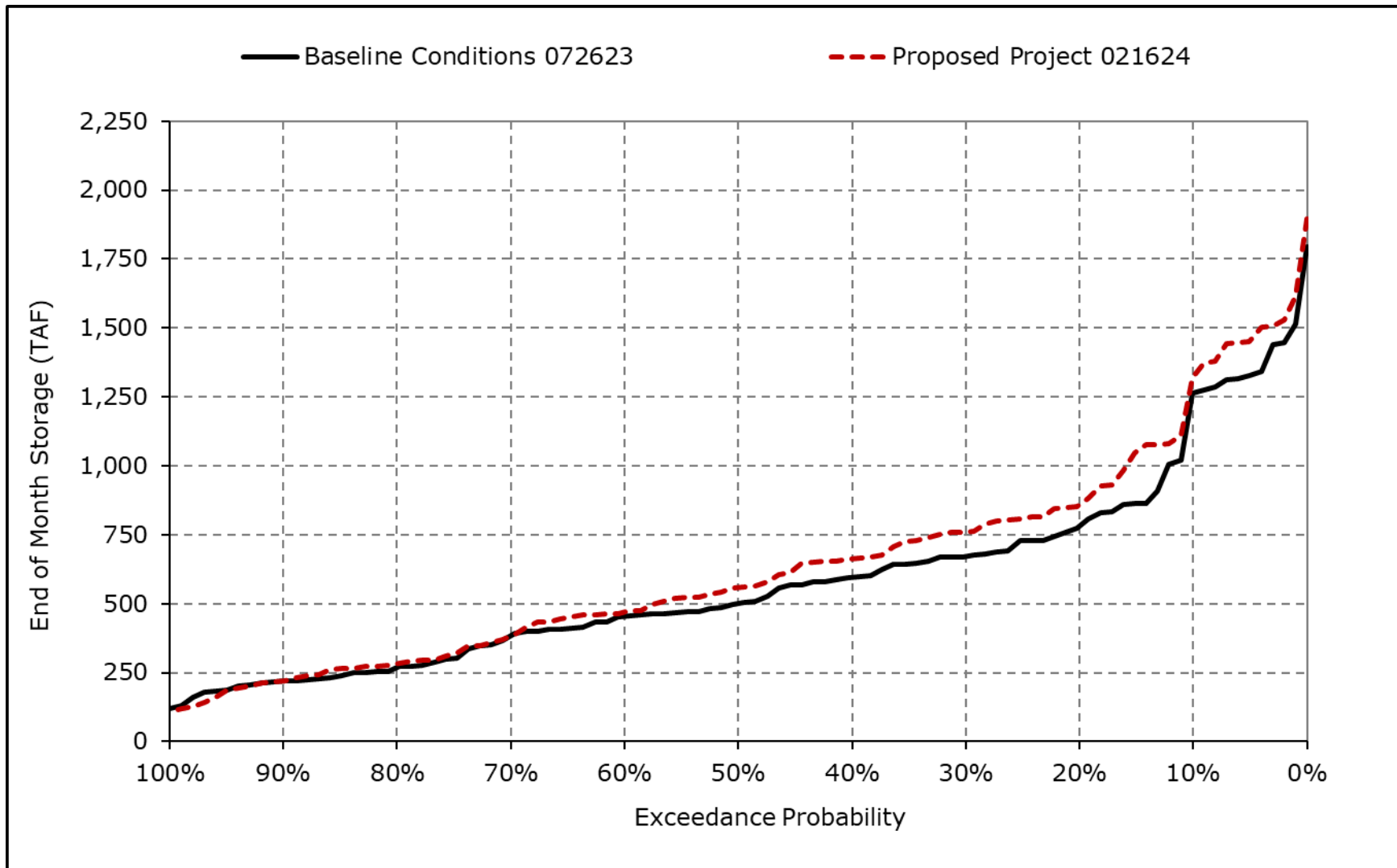
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-2k. San Luis Storage (CVP and SWP), August**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-2I. San Luis Storage (CVP and SWP), September**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Table 4B-1-3-1a. San Luis Reservoir (SWP and CVP), Baseline Conditions 072623, End of Month Elevation (Feet)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	477	498	523	528	543	544	541	529	510	490	478	478
20% Exceedance	439	467	494	509	522	544	531	517	483	452	430	430
30% Exceedance	426	457	478	495	514	520	519	498	455	432	416	417
40% Exceedance	418	440	468	484	504	511	490	466	438	412	402	408
50% Exceedance	401	427	456	475	492	502	484	452	422	404	392	397
60% Exceedance	383	419	447	467	484	494	476	443	408	394	384	391
70% Exceedance	377	397	434	452	468	480	463	436	396	389	377	381
80% Exceedance	364	377	403	441	459	463	448	417	380	379	366	363
90% Exceedance	349	362	384	407	432	451	436	403	369	369	358	353
<b>Full Simulation Period Average<sup>a</sup></b>	<b>405</b>	<b>427</b>	<b>453</b>	<b>471</b>	<b>488</b>	<b>499</b>	<b>486</b>	<b>462</b>	<b>430</b>	<b>416</b>	<b>401</b>	<b>403</b>
<b>Wet Water Years (30%)</b>	<b>418</b>	<b>448</b>	<b>477</b>	<b>498</b>	<b>517</b>	<b>529</b>	<b>527</b>	<b>511</b>	<b>482</b>	<b>460</b>	<b>443</b>	<b>441</b>
<b>Above Normal Water Years (11%)</b>	<b>401</b>	<b>425</b>	<b>453</b>	<b>477</b>	<b>499</b>	<b>509</b>	<b>497</b>	<b>475</b>	<b>438</b>	<b>418</b>	<b>415</b>	<b>412</b>
<b>Below Normal Water Years (21%)</b>	<b>412</b>	<b>437</b>	<b>461</b>	<b>475</b>	<b>489</b>	<b>498</b>	<b>474</b>	<b>436</b>	<b>393</b>	<b>389</b>	<b>393</b>	<b>404</b>
<b>Dry Water Years (22%)</b>	<b>405</b>	<b>424</b>	<b>449</b>	<b>462</b>	<b>473</b>	<b>483</b>	<b>463</b>	<b>430</b>	<b>397</b>	<b>393</b>	<b>368</b>	<b>368</b>
<b>Critical Water Years (16%)</b>	<b>376</b>	<b>383</b>	<b>403</b>	<b>426</b>	<b>448</b>	<b>460</b>	<b>453</b>	<b>441</b>	<b>421</b>	<b>397</b>	<b>371</b>	<b>369</b>

**Table 4B-1-3-1b. San Luis Reservoir (SWP and CVP), Proposed Project 021624, End of Month Elevation (Feet)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	484	500	529	533	543	544	544	536	517	492	481	484
20% Exceedance	449	476	502	512	524	544	536	524	485	454	436	438
30% Exceedance	436	464	486	498	517	523	518	510	467	440	424	428
40% Exceedance	421	445	472	486	506	511	499	469	436	416	411	416
50% Exceedance	403	431	460	474	493	499	483	455	424	405	397	404
60% Exceedance	388	415	448	468	480	491	472	448	410	396	390	393
70% Exceedance	379	399	434	456	470	474	462	435	395	390	377	381
80% Exceedance	370	380	407	438	455	461	445	418	384	382	368	366
90% Exceedance	355	370	375	407	431	450	435	405	360	371	357	353
<b>Full Simulation Period Average<sup>a</sup></b>	<b>411</b>	<b>432</b>	<b>456</b>	<b>473</b>	<b>488</b>	<b>497</b>	<b>486</b>	<b>466</b>	<b>432</b>	<b>418</b>	<b>405</b>	<b>409</b>
<b>Wet Water Years (30%)</b>	<b>424</b>	<b>453</b>	<b>480</b>	<b>498</b>	<b>517</b>	<b>528</b>	<b>527</b>	<b>518</b>	<b>487</b>	<b>465</b>	<b>450</b>	<b>454</b>
<b>Above Normal Water Years (11%)</b>	<b>406</b>	<b>430</b>	<b>458</b>	<b>481</b>	<b>500</b>	<b>509</b>	<b>499</b>	<b>483</b>	<b>442</b>	<b>423</b>	<b>419</b>	<b>421</b>
<b>Below Normal Water Years (21%)</b>	<b>420</b>	<b>443</b>	<b>466</b>	<b>479</b>	<b>491</b>	<b>497</b>	<b>475</b>	<b>445</b>	<b>399</b>	<b>396</b>	<b>401</b>	<b>410</b>
<b>Dry Water Years (22%)</b>	<b>410</b>	<b>428</b>	<b>452</b>	<b>463</b>	<b>470</b>	<b>478</b>	<b>458</b>	<b>428</b>	<b>391</b>	<b>391</b>	<b>368</b>	<b>368</b>
<b>Critical Water Years (16%)</b>	<b>378</b>	<b>385</b>	<b>404</b>	<b>424</b>	<b>445</b>	<b>457</b>	<b>450</b>	<b>440</b>	<b>420</b>	<b>396</b>	<b>371</b>	<b>370</b>

**Table 4B-1-3-1c. San Luis Reservoir (SWP and CVP), Proposed Project 021624 minus Baseline Conditions 072623, End of Month Elevation (Feet)**

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	7	1	6	6	0	0	3	6	7	2	3	6
20% Exceedance	10	9	9	3	2	0	4	7	3	2	6	8
30% Exceedance	10	7	7	2	3	4	-1	12	12	8	8	10
40% Exceedance	3	5	4	3	2	0	8	3	-2	5	9	8
50% Exceedance	2	3	4	-1	1	-3	-1	3	2	1	5	7
60% Exceedance	5	-4	2	1	-4	-2	-4	5	2	3	5	2
70% Exceedance	2	3	0	4	1	-6	0	-1	-1	1	-1	0
80% Exceedance	5	3	4	-3	-5	-2	-4	2	4	3	2	3
90% Exceedance	5	8	-9	0	0	0	-2	2	-9	2	0	0
<b>Full Simulation Period Average<sup>a</sup></b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>-2</b>	<b>-1</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>6</b>
<b>Wet Water Years (30%)</b>	<b>6</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>-1</b>	<b>0</b>	<b>7</b>	<b>5</b>	<b>5</b>	<b>7</b>	<b>13</b>
<b>Above Normal Water Years (11%)</b>	<b>5</b>	<b>4</b>	<b>6</b>	<b>4</b>	<b>1</b>	<b>-1</b>	<b>2</b>	<b>8</b>	<b>3</b>	<b>5</b>	<b>5</b>	<b>9</b>
<b>Below Normal Water Years (21%)</b>	<b>8</b>	<b>6</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>-1</b>	<b>2</b>	<b>8</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>6</b>
<b>Dry Water Years (22%)</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>-3</b>	<b>-5</b>	<b>-4</b>	<b>-2</b>	<b>-6</b>	<b>-3</b>	<b>0</b>	<b>-1</b>
<b>Critical Water Years (16%)</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>-2</b>	<b>-3</b>	<b>-3</b>	<b>-2</b>	<b>-1</b>	<b>-1</b>	<b>-1</b>	<b>0</b>	<b>1</b>

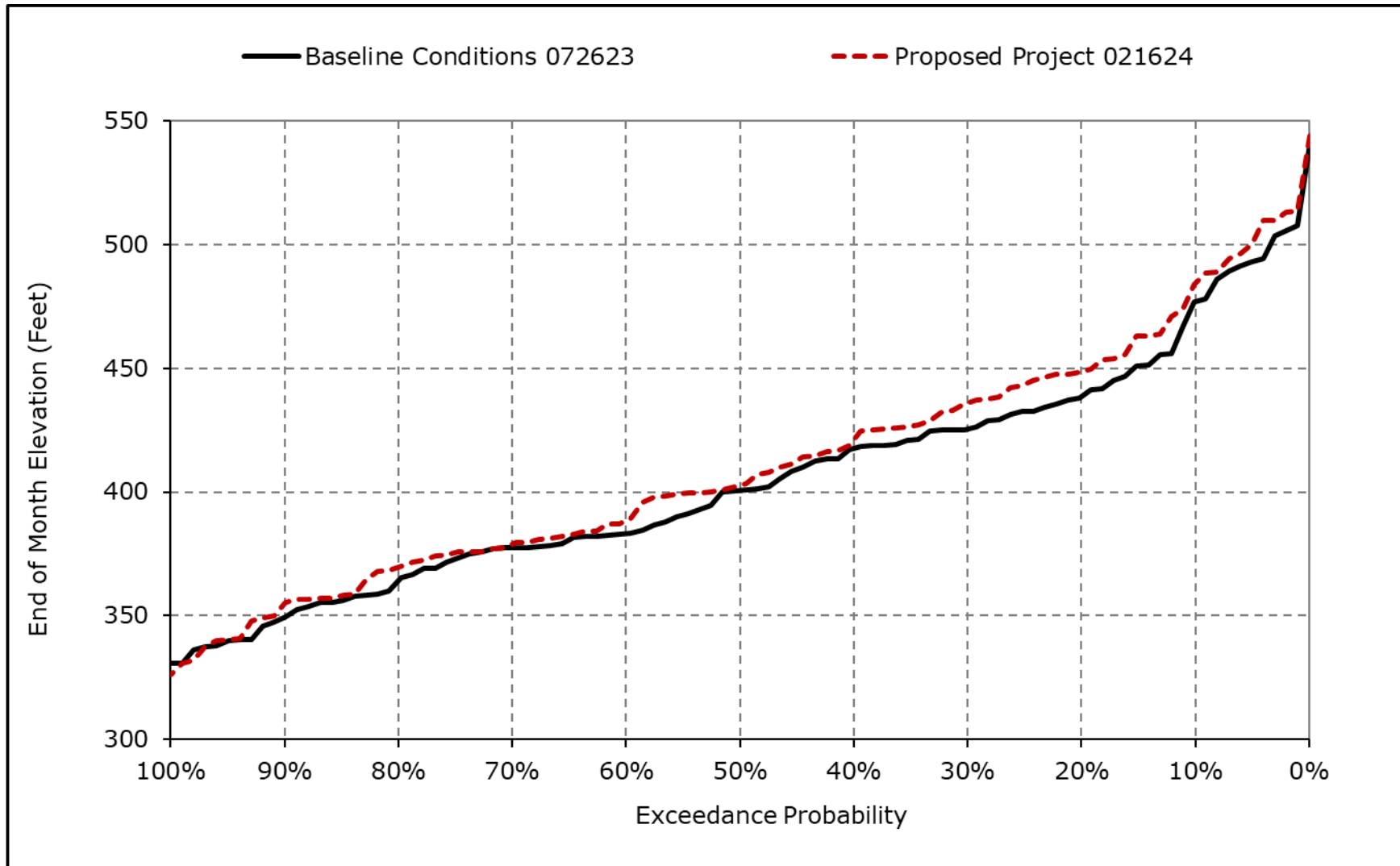
<sup>a</sup> Based on the 100-year simulation period.

\* All scenarios are simulated at current climate condition and 0 cm sea level rise.

\* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

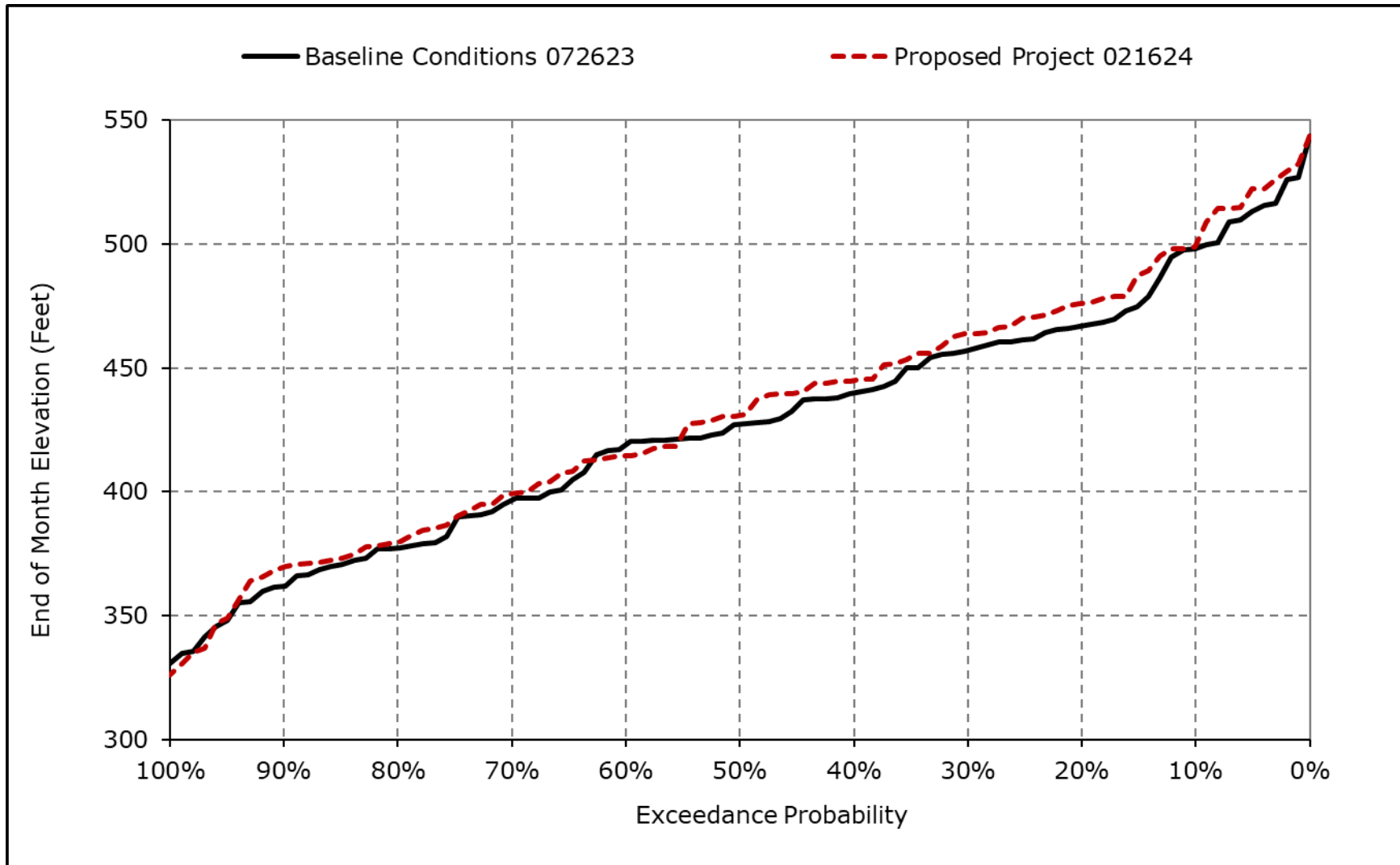
\* Water Year Types results are displayed with water year - year type sorting.

**Figure 4B-1-3a. San Luis Reservoir (SWP and CVP), October**



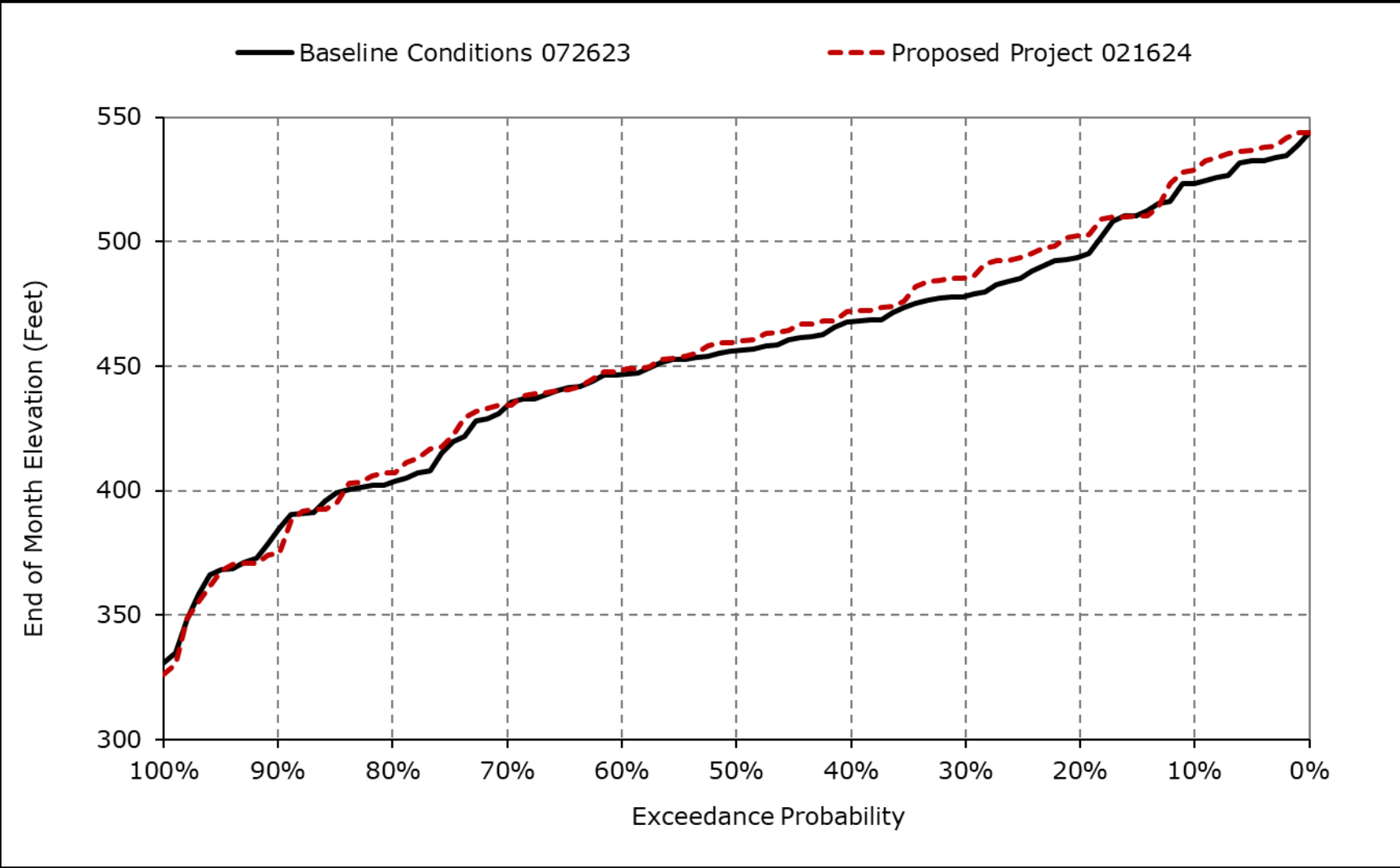
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-3b. San Luis Reservoir (SWP and CVP), November**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

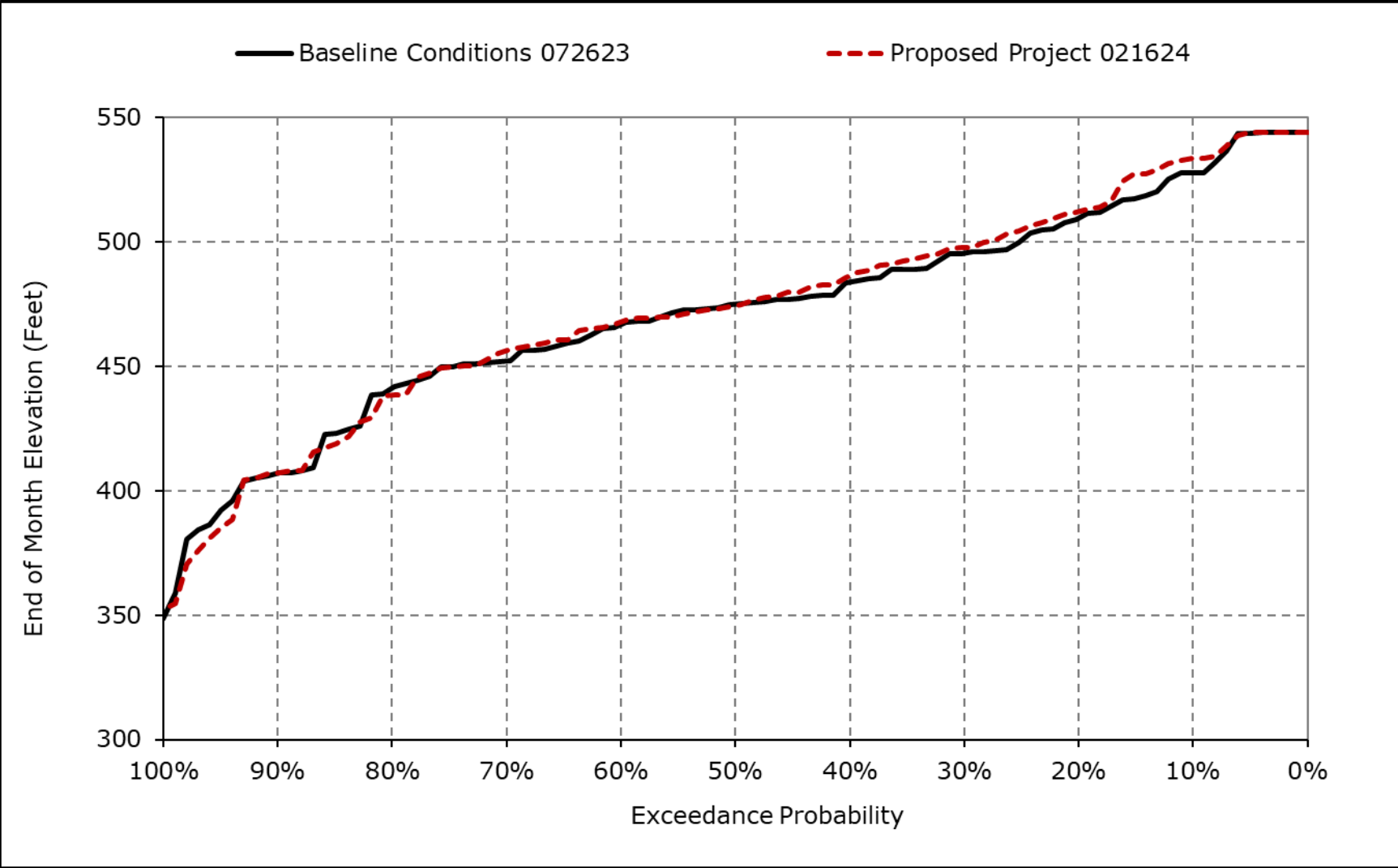
**Figure 4B-1-3c. San Luis Reservoir (SWP and CVP), December**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

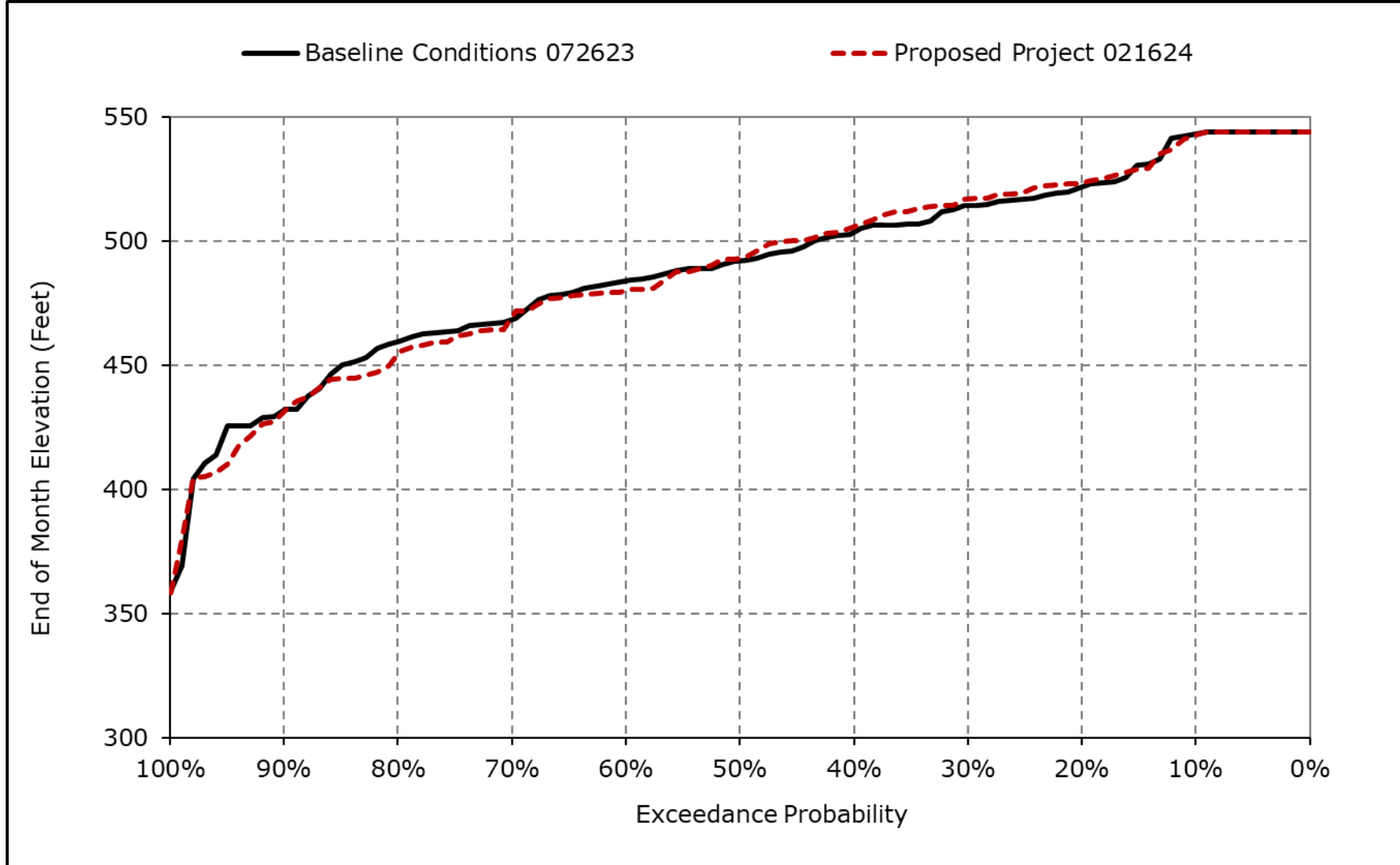


**Figure 4B-1-3d. San Luis Reservoir (SWP and CVP), January**



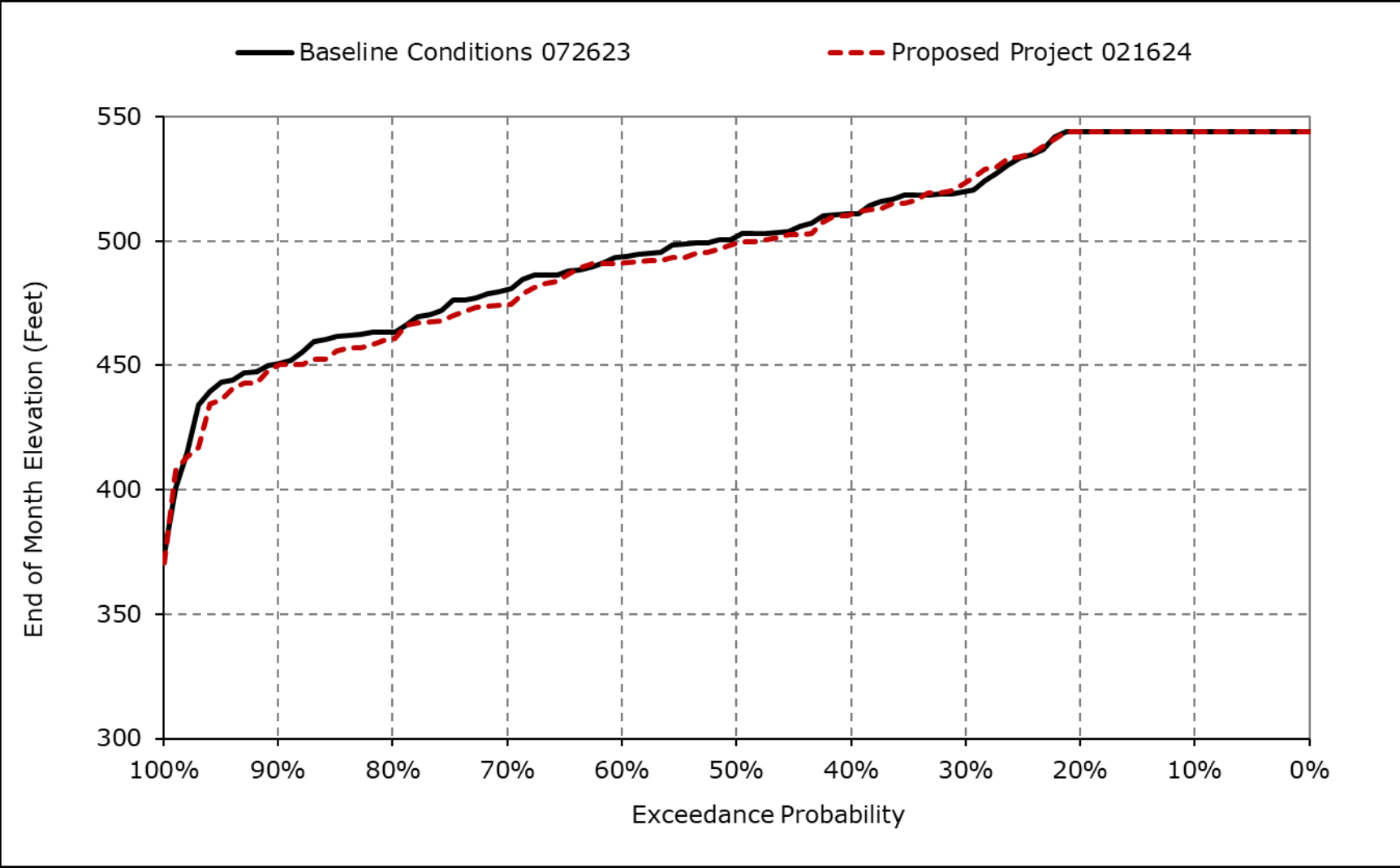
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-3e. San Luis Reservoir (SWP and CVP), February**



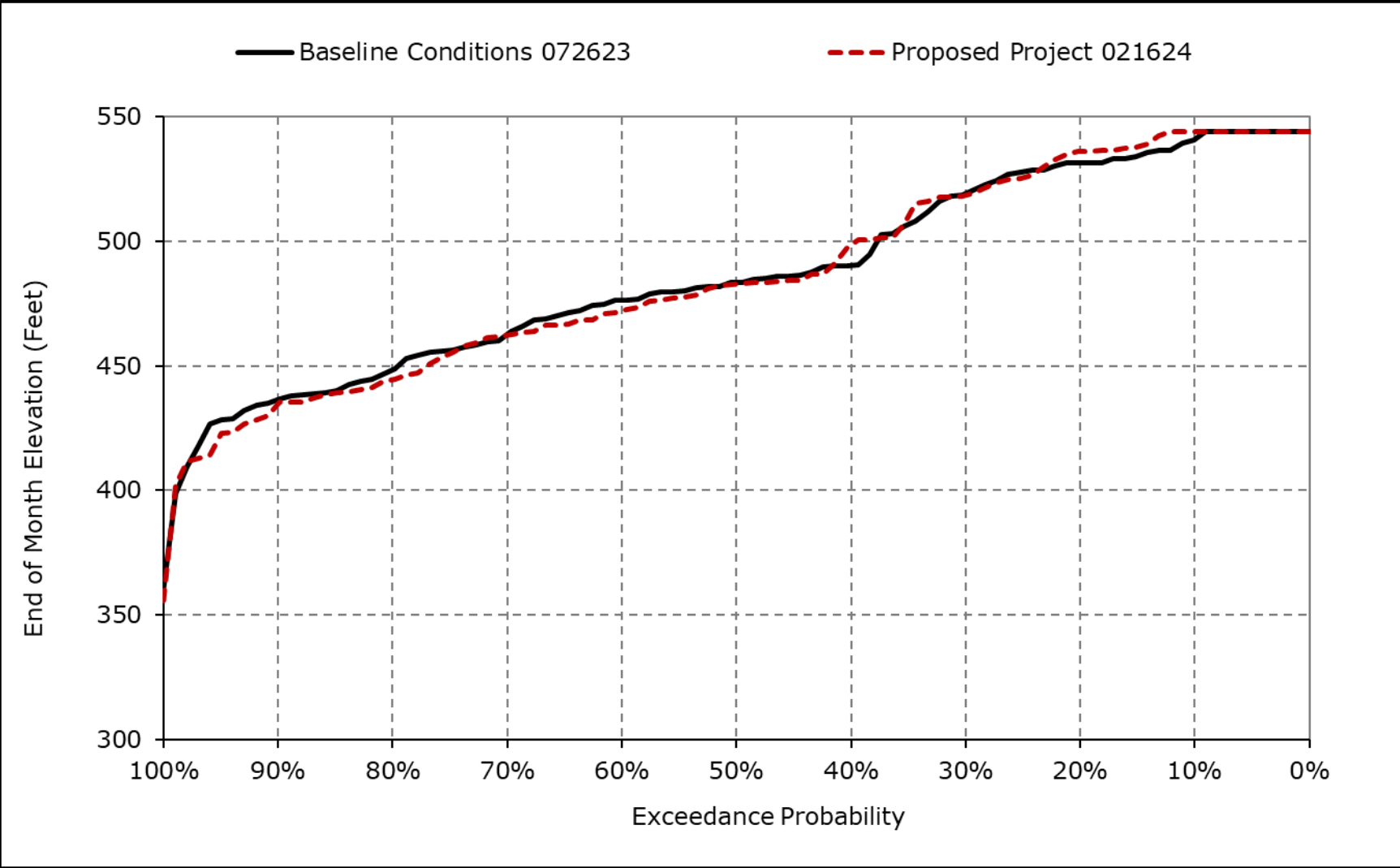
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-3f. San Luis Reservoir (SWP and CVP), March**



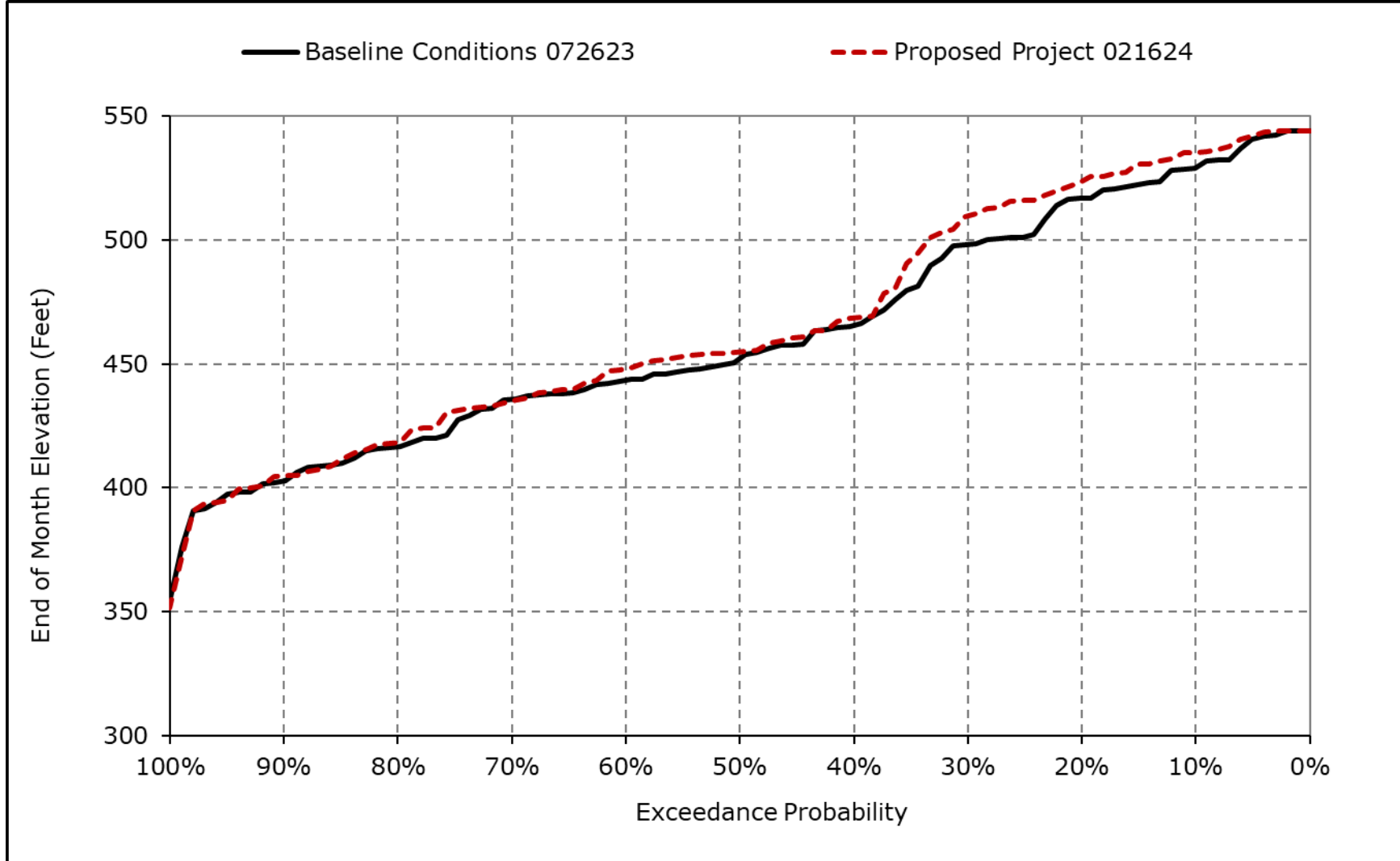
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-3g. San Luis Reservoir (SWP and CVP), April**



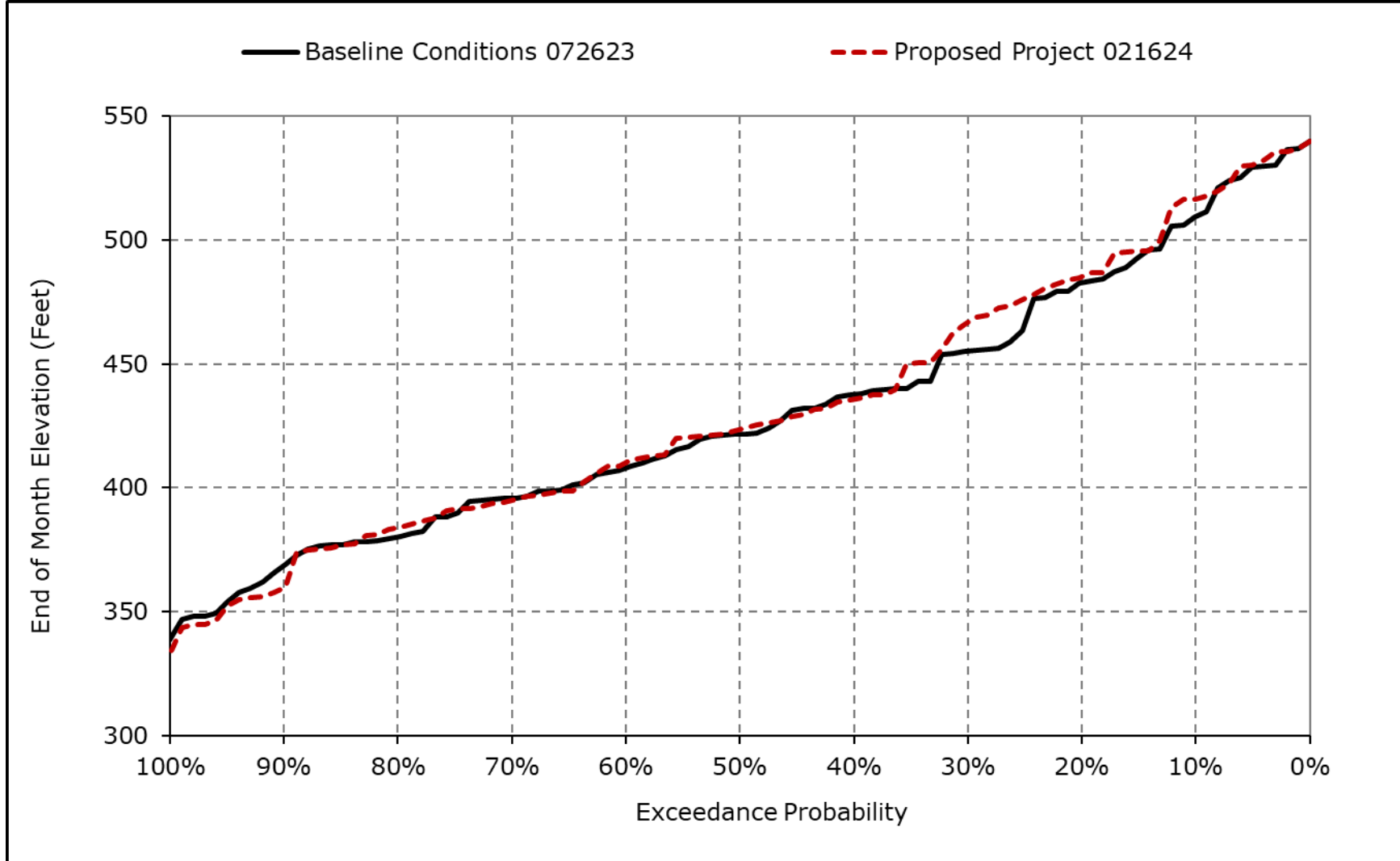
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-3h. San Luis Reservoir (SWP and CVP), May**



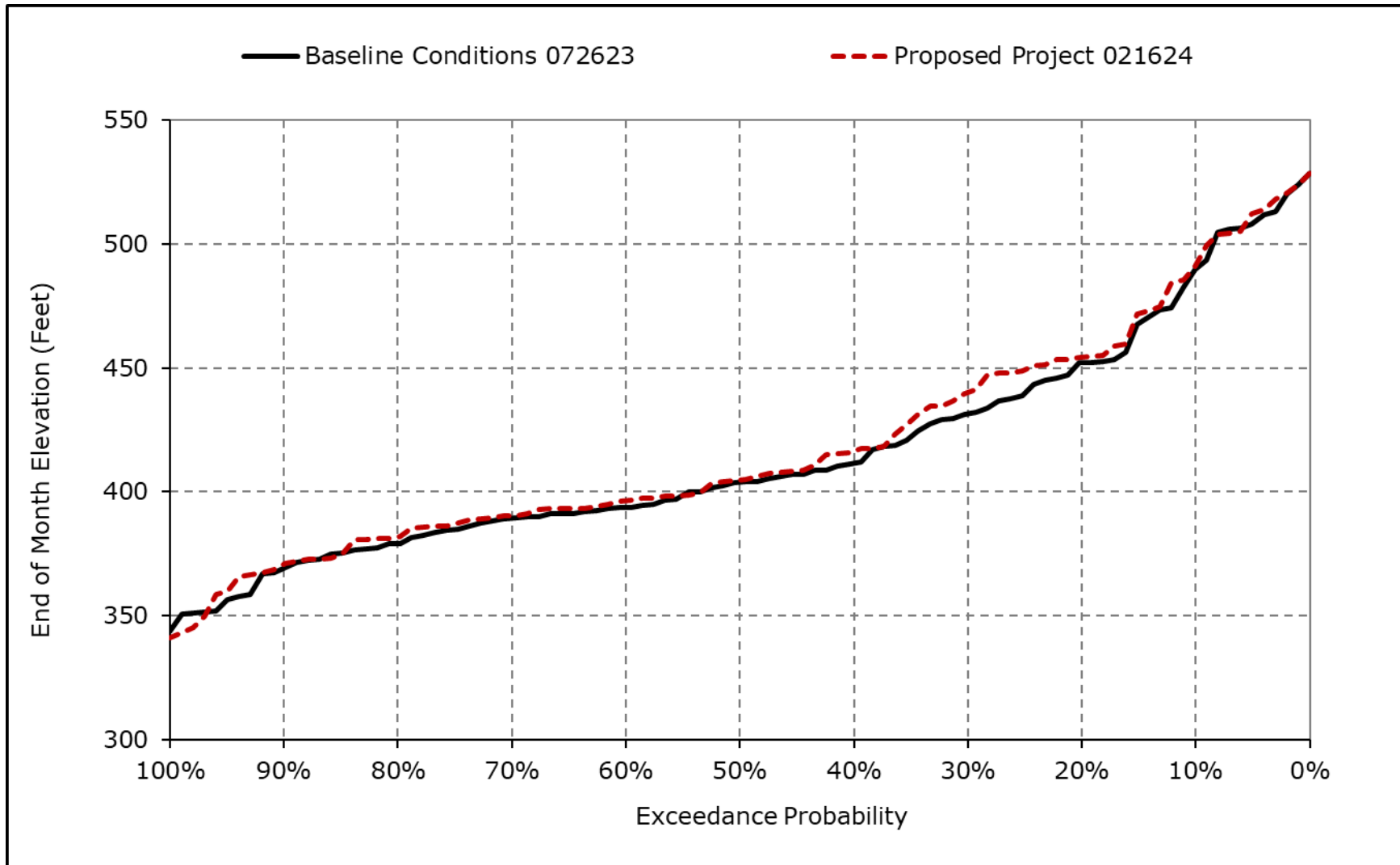
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-3i. San Luis Reservoir (SWP and CVP), June**



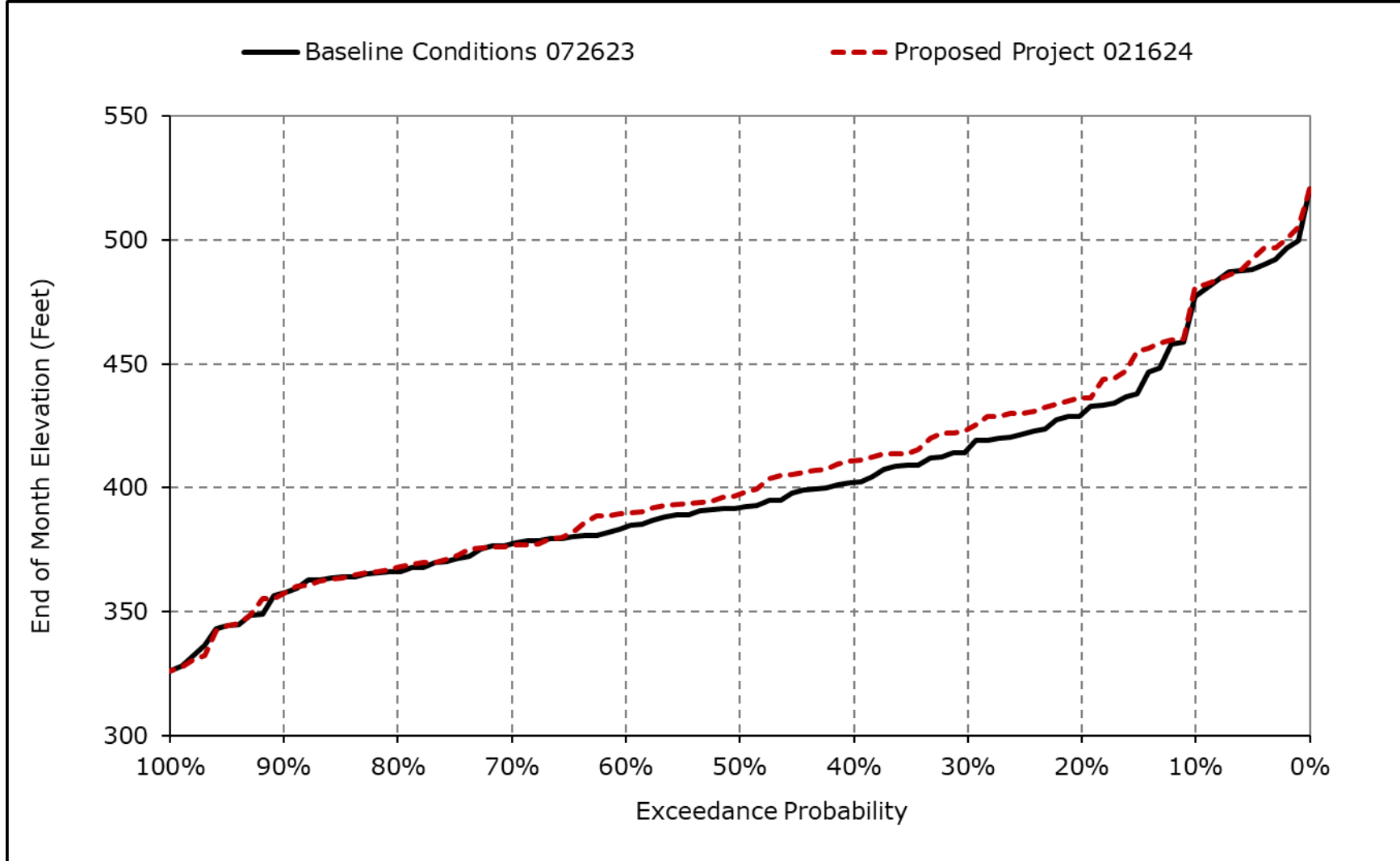
\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

**Figure 4B-1-3j. San Luis Reservoir (SWP and CVP), July**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.

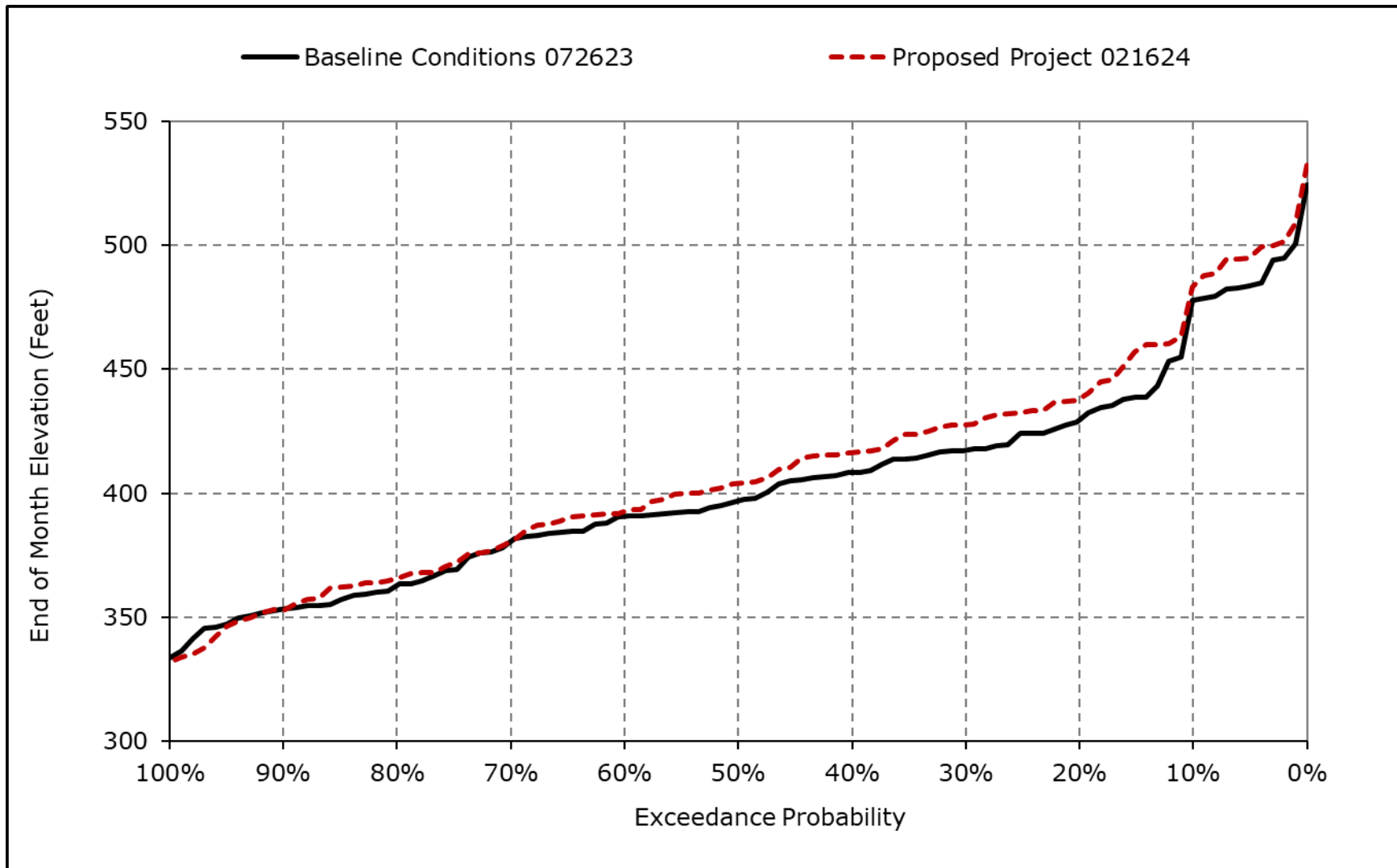
**Figure 4B-1-3k. San Luis Reservoir (SWP and CVP), August**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.



**Figure 4B-1-3I. San Luis Reservoir (SWP and CVP), September**



\*All scenarios are simulated at current climate condition and 0 cm sea level rise.