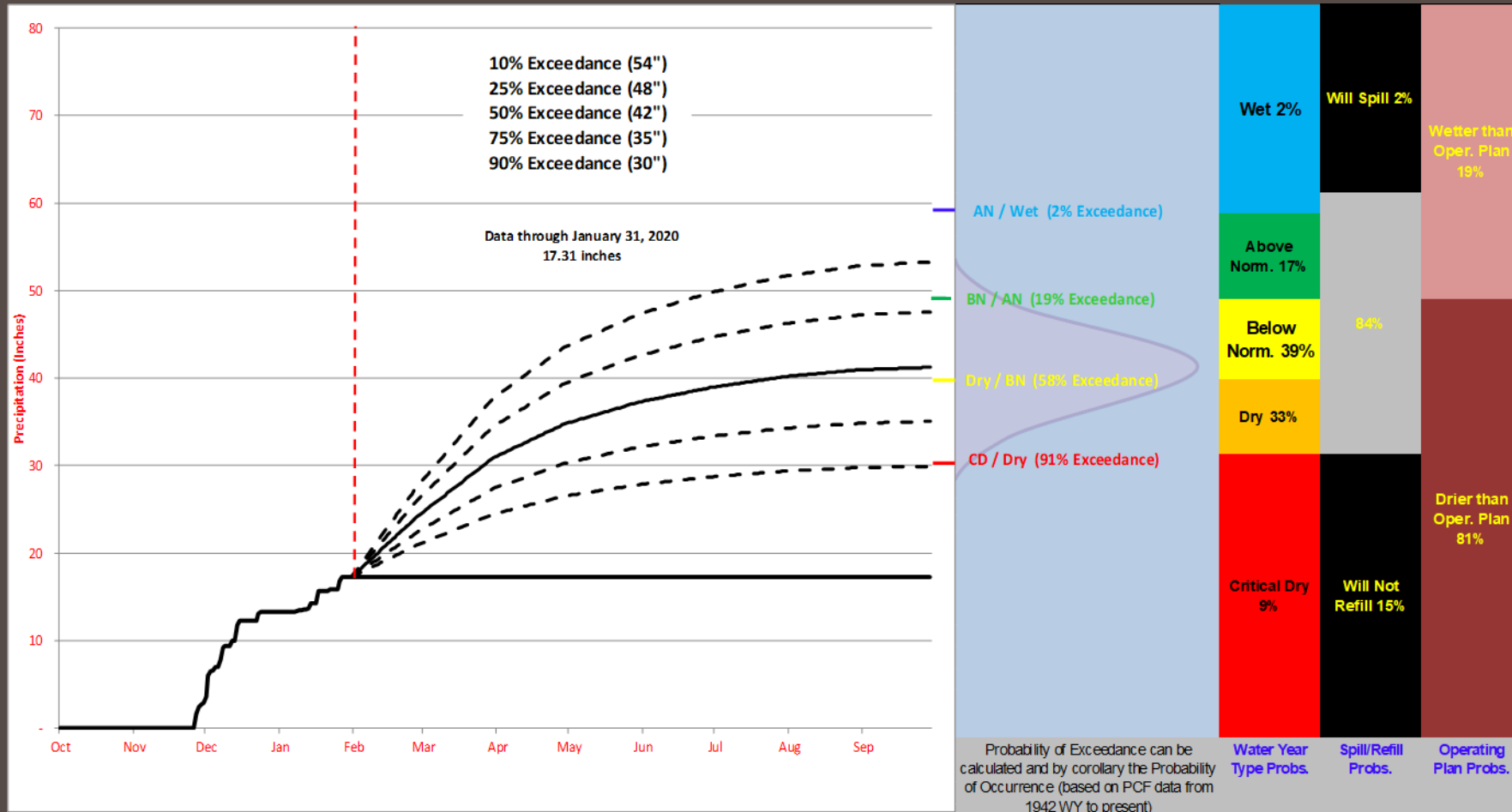


Exhibit to Agenda Item #5

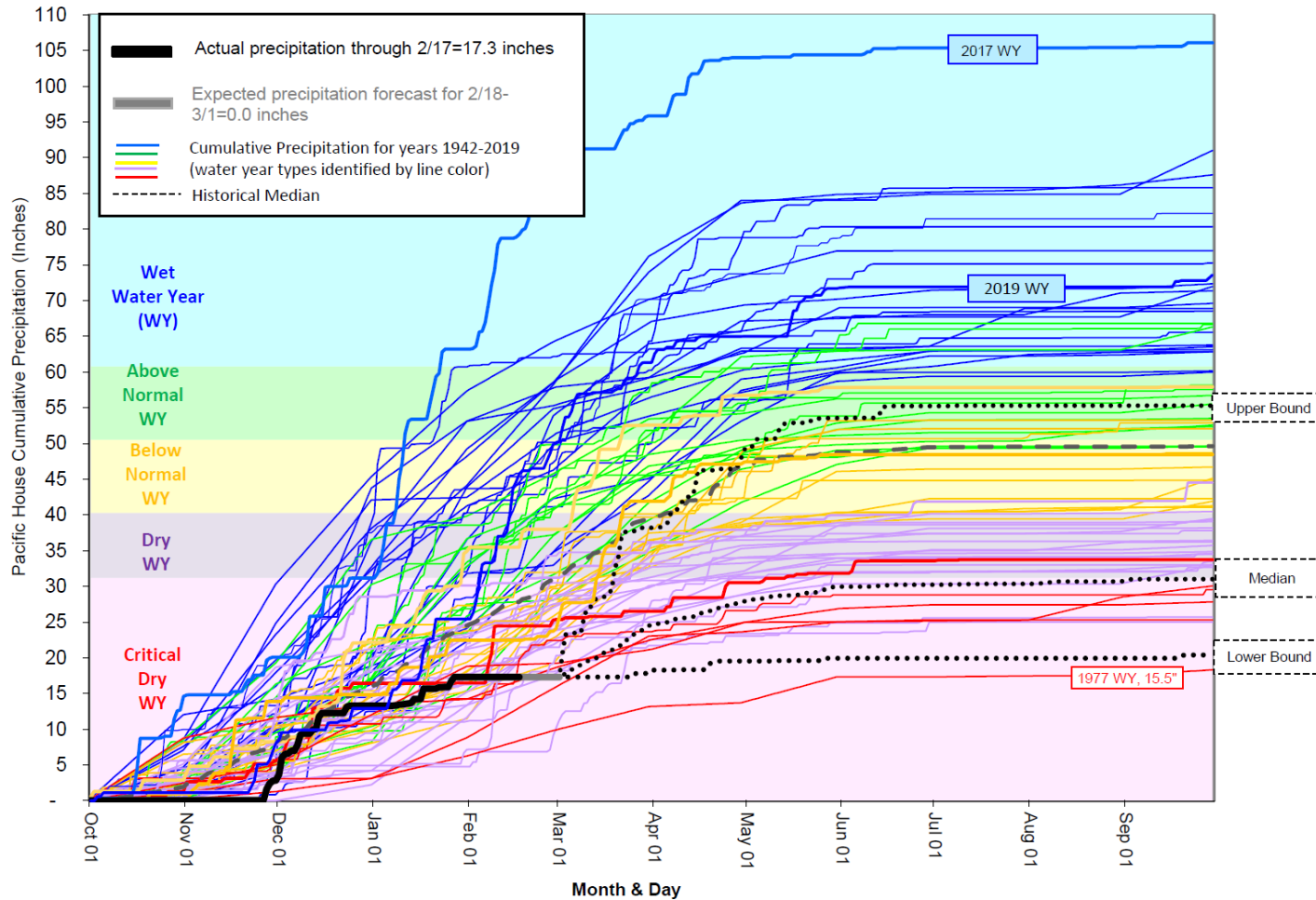
Board Finance & Audit Committee and Special SMUD Board of Directors Meeting
Tuesday, February 18, 2020 scheduled to begin at 5:30 p.m.
Auditorium, SMUD Headquarters Building

2020 WY Precipitation Forecast



2020 WY Precipitation Forecast

Comparison of 2020 WY Precipitation to History (1942-2019 WYs)



Precipitation – Pacific House

	Historical Average	Actual 2020
Rainfall – January 2020	9.17”	4.01”
Rainfall – February as of 2/12/2020	3.5”	0.02”
Rainfall – October 2019 thru 2/12/2020	30.78”	17.33”
Average UARP Snowpack Water Content as of 2/12/2019	22.95”	10.30”

Mitigations for Low Precipitation

SMUD has in place financial mitigation tools that hedge against hydroelectric uncertainty – HRSF/HGA and RSF (WAPA)

- HRSF Balance - \$82.4M
- RSF Balance - \$61.2M
- Projected Transfer out of HRSF \$3.6M (if median rainfall occurs through March)
- Projected transfer into WAPA RSF(2020) - \$4.7M

Hydro Performance as of January 31, 2020			
	Forecasted (GWh)	2020 Budget (GWh)	Variance (GWh)
UARP	1,406	1,523	-117
WAPA BR	792	661	131
UARP + WAPA BR	2,199	2,184	15

2019 FY Cumulative Commodity Variance

