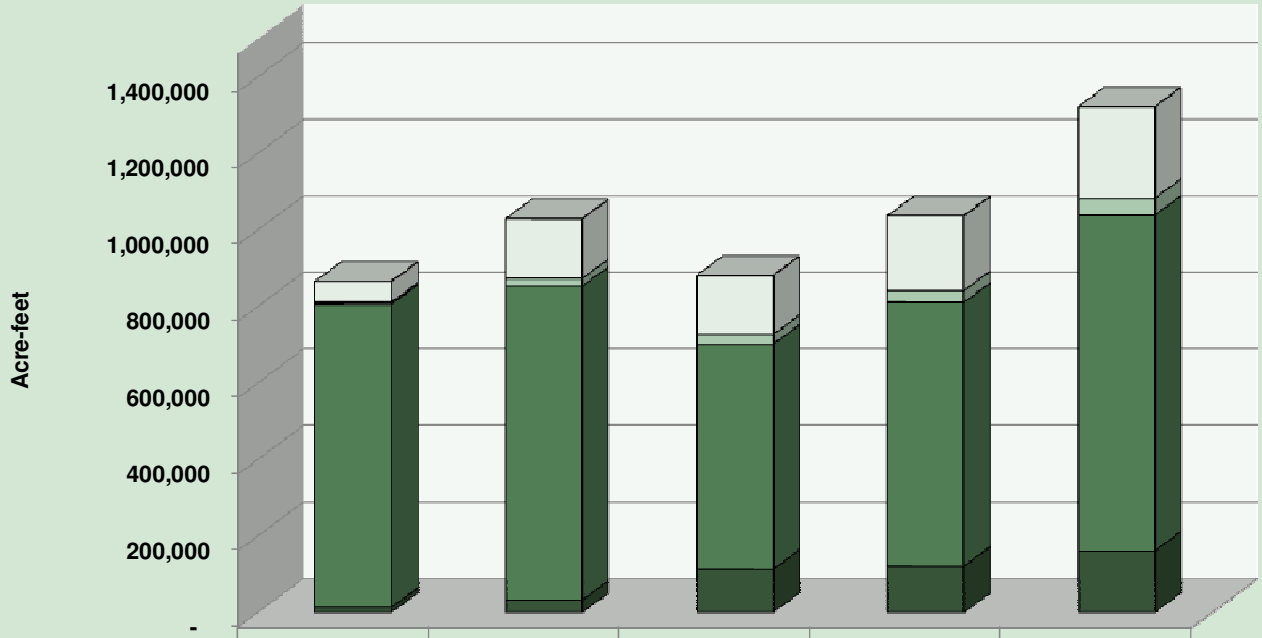
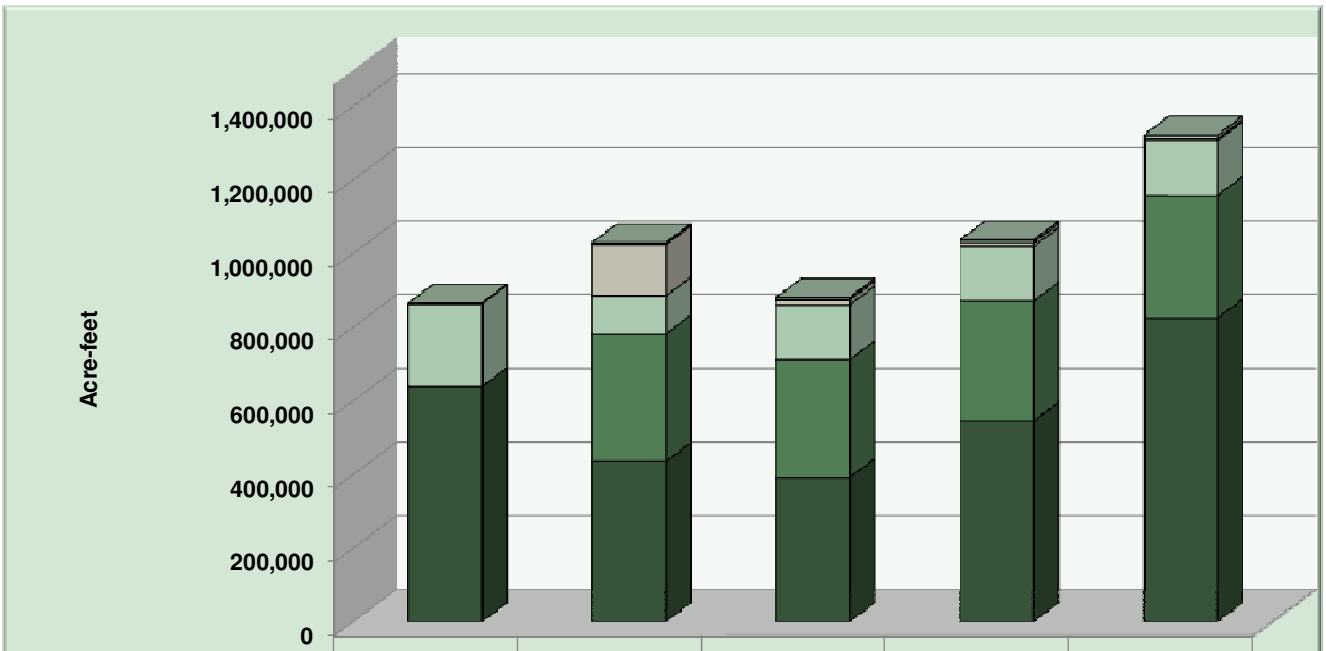
PINAL AMA WATER USE SUMMARY

Historical and 2025 Projected Demand by Sector
Pinal Active Management Area

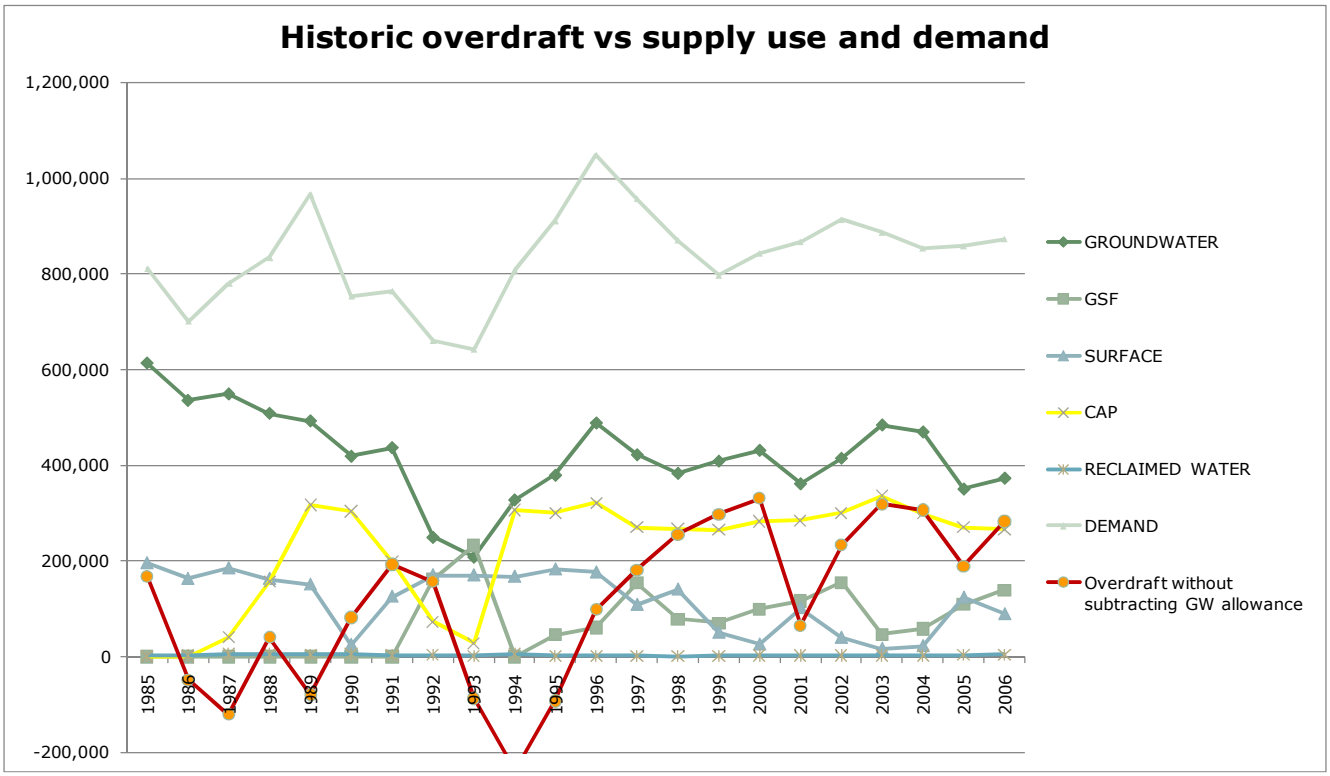


	1985 Historical	2006 Historical	2025 Scenario One	2025 Scenario Two	2025 Scenario Three
TOTAL	864,984	1,029,230	880,389	1,036,797	1,321,324
INDIAN	54,330	156,125	154,234	195,401	239,479
INDUSTRIAL	4,955	20,243	25,189	31,042	43,676
AGRICULTURAL	792,092	819,894	588,157	689,180	877,896
MUNICIPAL	13,607	32,968	112,809	121,175	160,273

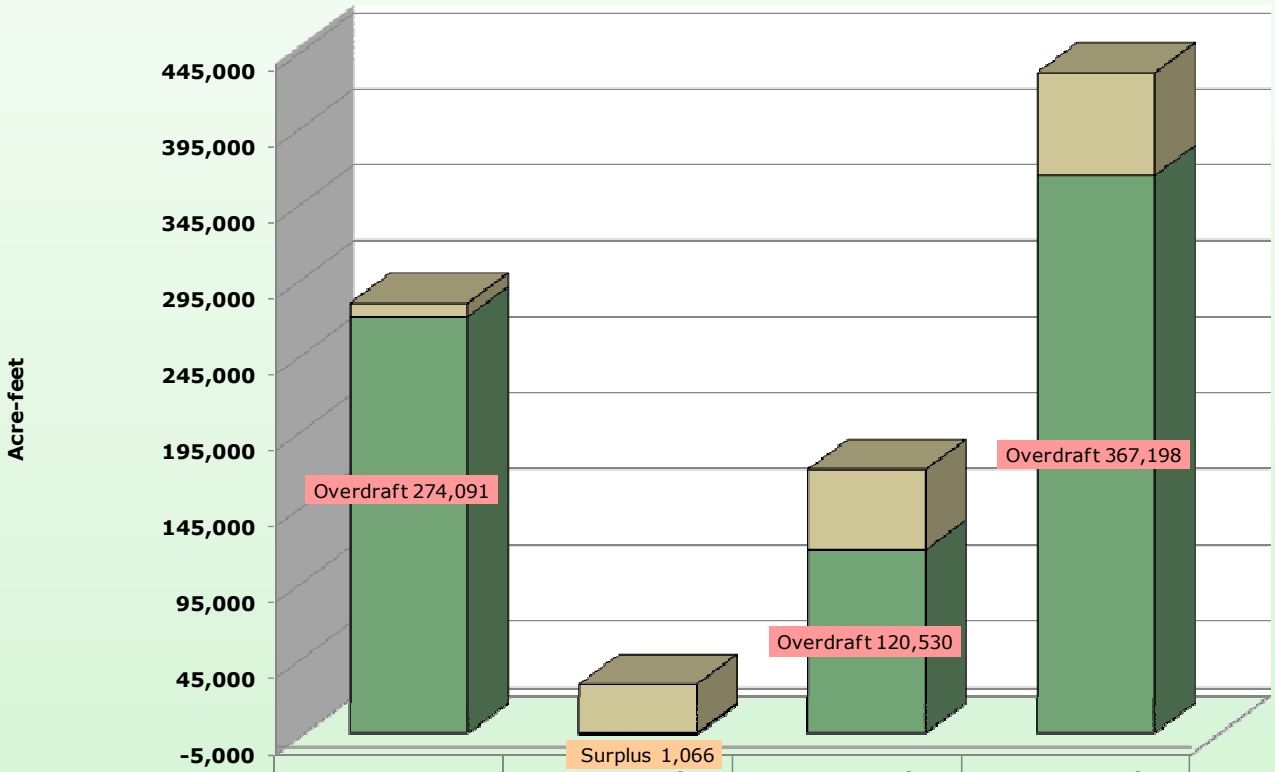
Historical and 2025 Projected Supplies
Pinal Active Management Area



	1985	2006	2025 Scenario One	2025 Scenario Two	2025 Scenario Three
TOTAL	864,984	1,029,230	880,389	1,036,797	1,321,324
RECLAIMED WATER	1,848	4,805	6,180	6,678	9,129
IN-LIEU GROUNDWATER	0	139,616	13,572	10,313	5,475
SURFACE	224,529	102,615	148,655	148,655	148,655
CAP	0	346,741	320,143	325,489	332,853
GROUNDWATER	638,607	435,453	391,838	545,662	825,211

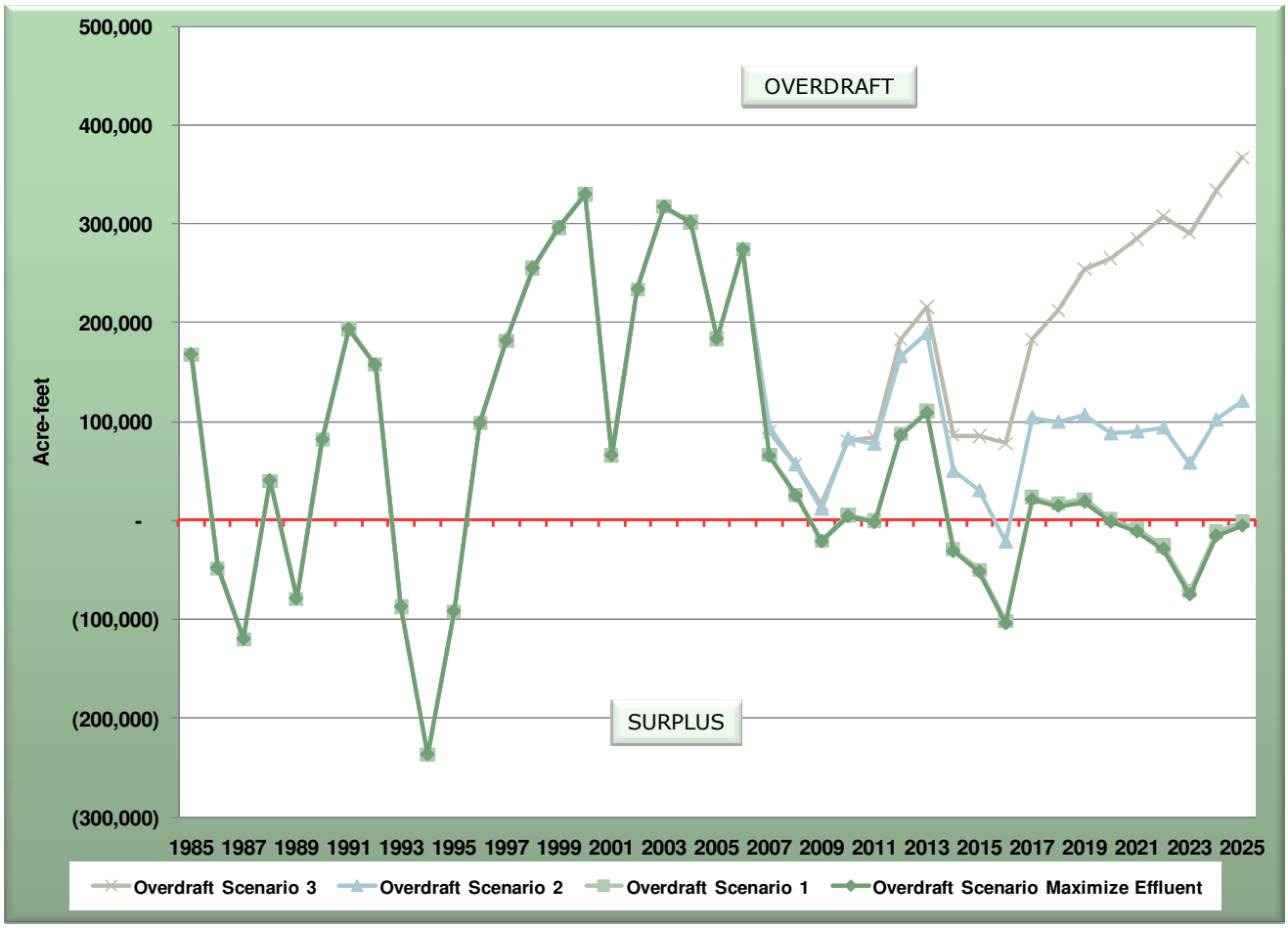

Historic overdraft vs supply use and demand
1,200,000
1,000,000
800,000
600,000
400,000
200,000
0
-200,000
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
GROUNDWATER
GSF
SURFACE
CAP
RECLAIMED WATER
DEMAND
Overdraft without subtracting GW allowance

2025 Projected Overdraft
Pinal Active Management Area

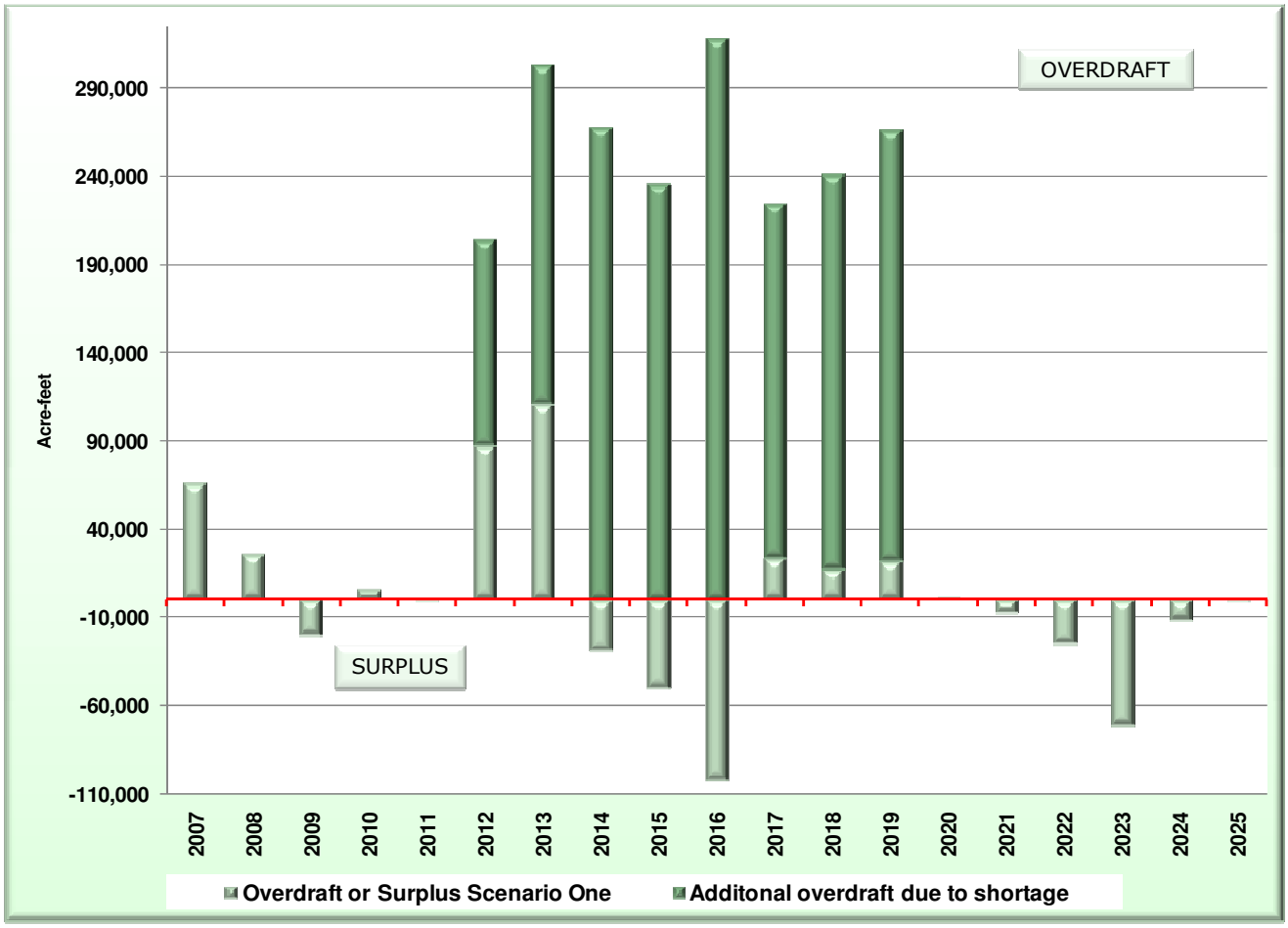


	2006 Historical	2025 Scenario One	2025 Scenario Two	2025 Scenario Three
TOTAL	282,913	30,833	173,485	434,673
GW Allowance	8,822	31,899	52,954	67,475
Overdraft or Surplus	274,091	-1,066	120,530	367,198

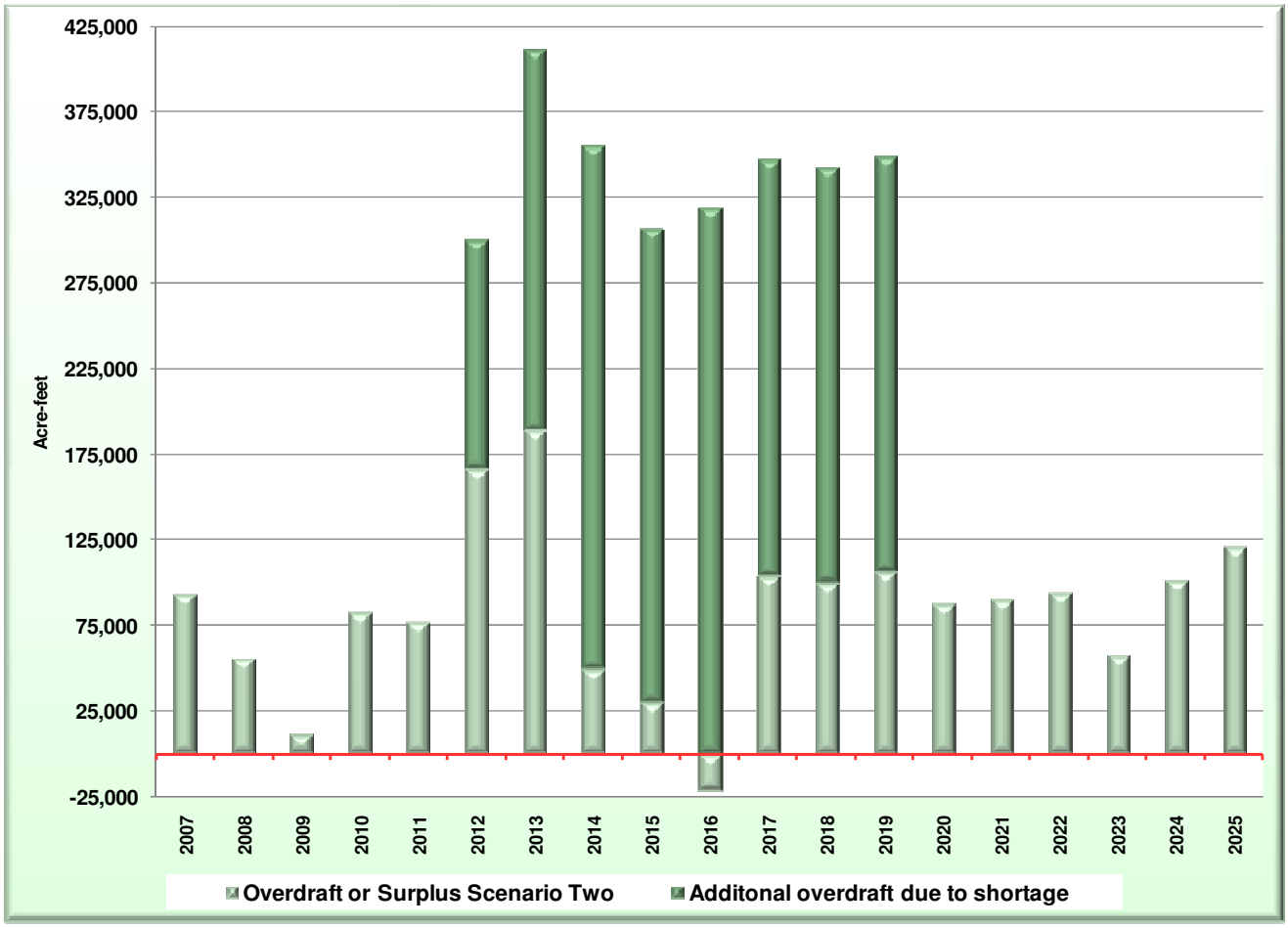
Projected Overdraft - 2025
Maximized Reclaimed Water Scenario vs. Baseline Projections
Pinal Active Management Area



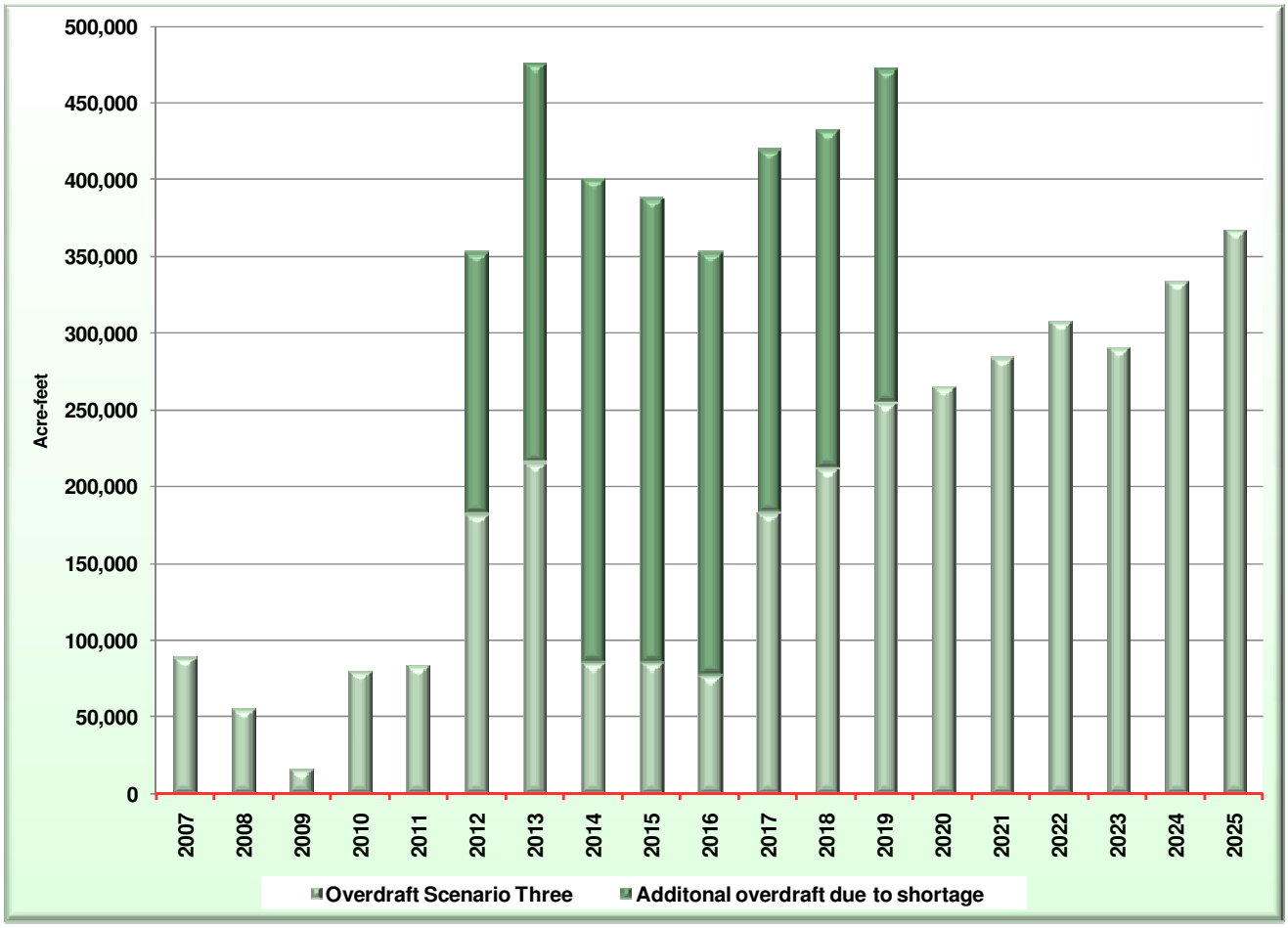
Shortage Scenario One Projected Annual Overdraft
With and Without CAP Shortage



Shortage Scenario Two Projected Annual Overdraft
With and Without CAP Shortage



Shortage Scenario Three Projected Annual Overdraft
With and Without CAP Shortage



Slide Notes

- Numbers are from the May 13, 2011 version of the Pinal AMA Master Data Template; numbers are subject to revision.
- Uses by sector and by source include Municipal, Industrial, Agricultural and Indian uses. Use by source includes water recovered but not stored.
- LTS credits accrued do not include credits that have been used by the CAGRD to meet its replenishment obligation and replenishment reserve.
- GSF use consists of CAP.
- For questions or comments, please contact the Annual Reports & Planning Section at data_management@azwater.gov or by phone at 602-771-8585.