

Summary of Corps SYSTDG Model Simulations

Scenarios	Cause of Spill Volume Increase	Spill Volume in MAF
Spilling to 2006 FPIP spill operations within 115% and 120% with 2006 forecasted flows		124.6
Spilling to 2006 FPIP spill operations within only 120% TDG standards with 2006 forecasted flows		130.6
	Increase in spill volume due to removal of the 115% TDG standard during a high water year (131% of normal)	6.0
Spilling to Minimum Generation spill operations with in 115% and 120% TDG standards with 2006 forecasted flows		154.8
Spilling to Minimum Generation spill operations within only 120% TDG standards with 2006 forecasted flows		189.6
	Increase in spill due to removal of all spill operations and 115% TDG standard during a high water year	34.8
Spilling to 2007 FOP spill operations within 115% and 120% with 2007 actual flows		113.2
Spilling to 2007 FOP spill operations within only 120% TDG standards with 2007 actual flows		118.4
	Increase in spill volume due to removal of the 115% TDG standard during a low water year (89% of normal)	5.2
Spilling to 2006 FPIP spill operations within 115% and 120% with 2006 forecasted flows		124.6
Spilling to 2007 FOP spill operations within 115% and 120% with 2007 actual flows		113.2
	Increase in spill volume due to difference in water year and minor changes in spill operations	11.4
Maximum spill volume change possible	Increase in spill volume due to removal of spill operations & 115% TDG standard = 34.8, high water year verse low water year = 11.4	46.2