



Savings Potential From Increased Cycles



Increasing cycles of concentration from 3 to 6 reduces cooling tower water usage by 20 percent

		New Concentration Ratio (CRf)										
Initial Concentration Ratio (Crf)		2	2.5	3	3.5	4	5	6	7	8	9	10
1.5	33%		44%	50%	53%	56%	58%	60%	61%	62%	63%	64%
2.0	-		17%	25%	30%	33%	38%	40%	42%	43%	44%	45%
2.5	-		-	10%	16%	20%	25%	28%	30%	31%	33%	34%
3.0	-		-	7%	11%	14%	17%	20%	22%	24%	25%	26%
3.5	-		-	-	5%	11%	14%	17%	17%	18%	20%	21%
4.0	-		-	-	-	6%	10%	13%	13%	14%	16%	17%
5.0	-		-	-	-	-	4%	7%	7%	9%	10%	11%
6.0	-		-	-	-	-	-	3%	3%	5%	6%	7%