

FY 2009 CRC Calculation (November 2007)

		FY2009		
Step 1	BFBB	Basin Fund Beginning Balance (\$)	\$ 64,496,000	Projected beginning balance for FY2008 per financial cash flow analysis
	BFTB	Basin Fund Target Balance	\$ 25,004,850	Basin Fund Target Balance = 15% *PAE
	PAR	Projected Annual Revenue (\$) w/o CRC	\$ 174,276,000	Per financial cash flow analysis plus projected additional revenue from rate adjustment
	PAE	Projected Annual Expense (\$)	\$ 166,699,000	Per financial cash flow analysis
	NR	Net Revenue (\$)	\$ 7,577,000	=PAR-PAE
	NB	Net Balance (\$)	\$ 72,073,000	=BFBB + NR
Step 2	EA	SHP Energy Allocation (GWh)	4,948.78	FY '08 Shp energy allocation excluding project use
	HE	Forecasted Hydro Energy (GWh)	4,448.15	Projected generation from the most current 24-month study, does not include project use
	FE	Forecasted Energy Purchase (GWh)	636	Forecasted Energy Purchase (GWh) from the most current 24 month study
	Price	Average price per MWh for purchased power	\$ 65.51	Average price = 60% onpeak + 40% offpeak
	FX	Forecasted Energy Purchase Expense (\$)	\$ 41,684,092	Estimated purchased power costs based upon most current 24-month study.
Step 3	FA1	Basin Fund Balance Factor (\$)	\$ 41,684,092	If NR is greater than -25% of BFBB then FX, if NR is less than -25% of BFBB then, FX+(NR+(25% * BFBB)) Formula is: =IF(NR>-(0.25*BFBB),FX,FX+(NR+(0.25*BFBB)))
	FA2	Revenue Factor (\$)	\$ 41,684,092	
	FA	Funds Available (\$) (Lesser of FA1 or FA2)	\$ 41,684,092	Funds available for firming purchases
	FARR	Additional Revenue to be Recovered (FX-FA)	\$ -	=FX-FA
Step 4	WL	Waiver Level (GWh)	5,084	Equals the lesser of SHP or HE + (FE * (FA / FX))
	WLP	Waiver level percentage of full SHP	103%	
	CRCE	CRC Energy GWh (EA-WL)	0	Percent of waiver level to full SHP
	CRCEP	CRC level percentage of full SHP	0%	= EA-WL (Does not include losses projected at 7.81%)
CRC	Cost Recovery Charge (mills/kWh)	-	Percent of CRCE to full SHP or CRCE/EA	
Note:	Cash flow projections 11/07 November 2007, 24 month study			=FARR / (EA * 1000)