

## FY 2011 CRC Calculation (October 2009)

		FY2011		
<b>Step 1</b>	<b>BFBB</b>	Basin Fund Beginning Balance (\$)	\$121,050,278	
	<b>BFTB</b>	Basin Fund Target Balance	\$23,914,950	
	<b>PAR</b>	Projected Annual Revenue (\$) w/o CRC	\$185,234,000	
	<b>PAE</b>	Projected Annual Expense (\$)	\$159,433,000	
	<b>NR</b>	Net Revenue (\$)	\$25,801,000	
	<b>NB</b>	Net Balance (\$)	\$146,851,278	
				Projected beginning balance for FY2008 per financial cash flow analysis
<b>Step 2</b>	<b>EA</b>	SHP Energy Allocation (GWh)	4,951.79	
	<b>HE</b>	Forecasted Hydro Energy (GWh)	5,093.28	
	<b>FE</b>	Forecasted Energy Purchase (GWh)	417	
	<b>Price</b>	Average price per MWh for purchased power	\$49.64	
	<b>FX</b>	Forecasted Energy Purchase Expense (\$)	\$20,717,918.76	
				Basin Fund Target Balance = 15% *PAE
				Per financial cash flow analysis plus projected additional revenue from rate adjustment
<b>Step 3</b>	<b>FA1</b>	Basin Fund Balance Factor (\$)	\$20,717,919	
	<b>FA2</b>	Revenue Factor (\$)	\$20,717,919	
	<b>FA</b>	Funds Available (\$) (Lesser of FA1 or FA2)	\$20,717,919	
	<b>FARR</b>	Additional Revenue to be Recovered (FX-FA)	\$0	
				Per financial cash flow analysis
			=PAR-PAE	
			=BFBB + NR	
			FY '08 Shp energy allocation excluding project use	
			Projected generation from the most current 24-month study, does not include projet use	
			Forecasted Energy Purchase (GWh) from the most current 24 month study	
			Average price = 60% onpeak + 40% offpeak	
			Estimated purchased power costs based upon most current 24-month study.	
			If NB is greater than BFTB then use FA1=FX, if NB is less than BFTB then use FX-(BFTB-NB) Formula is: =IF(NB>BFTB,FX,FX-(BFTB-NB))	
			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)))	
			Funds available for firming purchases	
<b>Step 4</b>	<b>WL</b>	Waiver Level (GWh)	5,093	
	<b>WLP</b>	Waiver level percentage of full SHP	103%	
	<b>CRCE</b>	CRC Energy GWh (EA-WL)	0	
	<b>CRCEP</b>	CRC level percentage of full SHP	0%	
	<b>CRC</b>	Cost Recovery Charge (mills/kWh)	-	
				=FX-FA
			Equals the lesser of SHP or HE + (FE * (FA / FX))	
			Percent of waiver level to full SHP	
			= EA-WL (Does not include losses projected at 7.81%)	
			Percent of CRCE to full SHP or CRCE/EA	
			=FARR / (EA * 1000)	
<b>Note:</b>	Cash flow projections 10/09 October 2009, 24-month study			