

# FY 2017 CRC Calculation

March 2016

		FY 2017	
<b>Step 1</b>	<b>BFBB</b>	Basin Fund Beginning Balance (\$)	\$99,779,000
	<b>BFTB</b>	Basin Fund Target Balance	\$59,867,400 *
	<b>PAR</b>	Projected Annual Revenue (\$) w/o CRC	\$221,408,000
	<b>PAE</b>	Projected Annual Expense (\$) (Excludes WRP)	\$249,185,000
	<b>NR</b>	Net Revenue (\$)	(\$27,777,000)
	<b>NB</b>	Net Balance (\$)	\$72,002,000
			Projected beginning balance for FY per financial cash flow analysis (FY Beginning Bal * 1000)
			Basin Fund Target Balance is Based on "tiered" criteria.
			Per financial cash flow analysis, (=TOTAL REV *1000)
			Per financial cash flow analysis, (=TOTAL EXP *1000)
			=PAR-PAE
			=BFBB + NR
<b>Step 2</b>	<b>EA</b>	SHP Energy Allocation (GWh)	4,951.79
	<b>HE</b>	Forecasted Hydro Energy (GWh)	4,459.87
	<b>FE</b>	Forecasted Energy Purchase (GWh)	736
	<b>Price</b>	Average price per MWh for purchased power	\$24.24
	<b>FX</b>	Forecasted Energy Purchase Expense (\$)	\$17,845,360
			Projected generation from the most current 24-month study, does not include project use (=NET GEN / 1MIL)
			Forecasted Energy Purchase (GWh) from the most current 24-month study (=FIRMING PURCHASES / 1MIL)
			Average price = 60% onpeak + 40% offpeak (=COMP PRICE)
			Estimated purchased power costs based upon most current 24-month study (= PURCHASE COST)
<b>Step 3</b>	<b>FA1</b>	Basin Fund Balance Factor (\$)	\$17,845,360
	<b>FA2</b>	Revenue Factor (\$)	\$17,845,360
	<b>FA</b>	Funds Available (\$) (Lesser of FA1 or FA2)	\$17,845,360
	<b>FARR</b>	Additional Revenue to be Recovered (FX-FA)	\$0
			If NR is greater than -(1 - tiered percent) of BFBB then FX, if NR is less than -(1 - tiered percent) of BFBB then, FX+(NR+(tiered percent *BFBB)). Formula is: =IF(NR>-(1 - tiered percent *BFBB),FX,FX+(NR+(1 - tiered percent *BFBB)))
			The lesser of FA1 or FA2 but not less than zero: if (min(FA1,FA2) >= 0, MIN(FA1,FA2),0)
			=FX-FA
<b>Step 4</b>	<b>WL</b>	<b>Waiver Level (GWH)</b>	<b>5,196</b>
	<b>WLP</b>	Waiver level percentage of full SHP	<b>105%</b>
	<b>CRCE</b>	CRC Energy GWh (EA-WL)	0
	<b>CRCEP</b>	CRC level percentage of full SHP	0%
	<b>CRC</b>	<b>Cost Recovery Charge (mills/kWh)</b>	<b>-</b>
			<b>Equals the lesser of SHP or HE + (FE * (FA / FX))</b>
			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
			<b>=FARR / (EA * 1000)</b>
<b>Note:</b>	Cash flow projections from the: March 2016, 24-month study * BFTB based on CRC tier iii: BFBB less than \$120,000,000 but greater than \$90,000,000		

Updated: April 8, 2016