Western Area Power Administration

Colorado River Storage Project Management Center

Brochure for Proposed Rates: SLCA/IP Firm Power CRSP Transmission And Ancillary Services

January 2015

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I. Introduction

Western Area Power Administration's (Western) Colorado River Storage Project Management Center (CRSP MC) is proposing rate adjustments for firm power sales of the Salt Lake City Area Integrated Projects (SLCA/IP) and CRSP Transmission.

The current rates expire September 30, 2015. The proposed rates will provide sufficient revenue to pay all annual costs including operation, maintenance, replacement, and interest expenses, and to repay investment and irrigation assistance obligations, as applicable, within the allowable time period. The proposed rates are scheduled to go into effect on October 1, 2015.

This action was announced in a *Federal Register* notice (FRN), published December 9, 2014 (see appendix for the FRN). The proposed rates are explained in greater detail in this rate brochure. Western has also prepared a separate booklet of data supporting this brochure (Supporting Documentation). References to this Supporting Documentation are found throughout this rate brochure.

II. Proposed SLCA/IP Firm Power Rates

Background

The SLCA/IP consists of the CRSP, Collbran, and Rio Grande projects, which were integrated for marketing and ratemaking purposes on October 1, 1987, and two participating projects of the CRSP that have power facilities -- the Dolores and Seedskadee projects. Each of the SLCA/IP power facilities are described in the Supporting Documentation.

The Power Repayment Study (PRS) is used to determine if projected power revenues will be sufficient to pay project costs assigned to power within the prescribed repayment period. Annual revenue requirements and hydropower resources from the integrated and participating projects are added to the CRSP PRS to create the SLCA/IP PRS. Because CRSP produces approximately 98.41 percent of total SLCA/IP hydropower generation; the hydrological information discussed in this brochure relates only to CRSP, unless otherwise stated.

The firm power rate must return an annual amount of revenue to meet the repayment of power investment, payment of interest, purchase power, operation, maintenance and replacement expenses, and the repayment of irrigation assistance costs, as required by law. An executive summary of the proposed rate-setting PRS is provided at the end of this section. A preliminary fiscal year (FY) 2014 SLIP PRS is used for the proposed ratesetting PRS, which contains FY 2013 audited financial data and FY 2016 work program data and the proposed changes to the rates process. As the FY 2014 historical data and FY 2017 Work Plan become available, they will be incorporated into the final rate-setting PRS.

The current SLCA/IP firm power rates, outlined in Rate Schedule SLIP-F9, became effective on an interim basis on October 1, 2008, and were approved by the Federal Energy Regulatory Commission (FERC) on June 19, 2009. This rate consists of an energy charge of 12.19 mills/kilowatthour (kWh) and a capacity charge of $5.18/ kilowatt--month (kW-month). The composite rate is 29.62 mills/kWh.

Western's average firm annual contract commitment for SLCA/IP energy is 4,952 gigawatthours (GWh), which is the Post-2004 Marketing Plan energy commitment. The average peak seasonal Contract Rate of Delivery (CROD) is 1,404 megawatts. The CRSP MC's firm power commitments also include the Bureau of Reclamation's (Reclamation) project use loads.

The proposed firm power rate will consist of the rate as determined by the PRS. In order to adequately recover and maintain a sufficient balance in the Basin Fund, Western proposes to continue the cost recovery mechanism, called a Cost Recovery Charge (CRC).

The CRC is a charge on sustainable hydro power (SHP) energy, as determined by Table 8 and Table 9 (long-term SLCA/IP hydropower capacity with energy) that may be implemented when, among other things, the Basin Fund's balance is at risk due to low hydropower generation, high prices for firming power, funding for capitalized investments, etc.

Western will establish the energy waiver level (WL) per the formulas of the CRC. The WL provides Customers the ability to reduce Western's purchase power expenses by scheduling less energy than their contractual amounts.

For those Customers who voluntarily schedule no more energy than their proportionate share of the WL, Western will waive the CRC for that year. The conditions that would trigger the CRC, as well as a more detailed formula methodology of how and when the CRC would apply, are discussed in detail under the "Cost Recovery Charge" section of this rate brochure and will be discussed at the public information forum.

The proposed changes to the CRC will include "tiers" to quantify the need for a CRC based on the balance of the Basin Fund and Western's ability to meet contractual agreements. The CRC will be implemented at the discretion of Western when the Basin Fund's balance meets the criteria in the tiers per Table 8. The Basin Fund Beginning Balance (BFBB) determines the applicable tier criteria. The minimum Basin Fund target balance is $40 million. In addition to the current process of an annual review and customer notification in May, Western will conduct additional reviews as specified in Table 8 that are tailored to meet the urgency for cost recovery.

Table 1 below indicates the components of a firm power Customer's monthly bill. Western will continue to include a mechanism that allows for re-calculation of the CRC if the annual water release from Glen Canyon Dam falls below 8.23 million acre-feet. Western will provide its Customers with information concerning the anticipated CRC for the upcoming FY in May of each year (see Table 11). The established CRC will be in effect for 12 months.

TABLE 1
Firm Power Components

Capacity	Seasonal CROD x ($/kWmonth charge)	= Total monthly capacity charge
Energy	Monthly kWh x (mills/kWh charge)	= Total monthly energy charge
CRC	Monthly kWh x (mills/kWh charge)	= Total monthly CRC charge (when applicable)
		= Total Monthly Charge

Proposed Rate

The proposed ratesetting PRS used in this rate proposal contains audited FY 2013 financial data and projections from the FY 2016 Work Plans as well as the proposed changes to the rate. As the FY 2014 historical data and FY 2017 Work Plans become available, they will be incorporated into the final ratesetting PRS. The repayment period extends beyond the cost-evaluation period (budget years) to ensure that required repayment of the power investment and assistance to irrigation is met. Western develops the lowest possible rates consistent with sound business principles in accordance with existing laws and regulations.

The proposed ratesetting PRS shows that the present composite rate of 29.62 mills/kWh is insufficient to pay all costs assigned to power. The composite rate is used for comparison purposes only and is expressed in mills/kWh, which is determined by dividing the annual net revenue requirements by the energy delivered. The proposed composite rate is 29.93 mills/kWh. It is comprised of an energy charge of 12.38 mills/kWh and a capacity charge of $5.26/kWmonth as shown in Table 2.

TABLE 2
Comparison of Current and Proposed Firm Power Rates

	Current Rate October 1, 2009 – September 30, 2015	**Proposed Rate** October 1, 2015 – September 30, 2020	**Percent Increase**
Rate Schedule	SLIP-F9	SLIP-F10	
Energy (mills/kWh)	12.19	12.38	1.6
Capacity ($/kWmonth)	5.18	5.26	1.5
Composite (mills/kWh)	29.62	29.93	1.0

Western proposes these rates, which are outlined in Rate Schedule SLIP-F10 at the end of this section, be placed into effect for a 5-year period beginning October 1, 2015, and ending September 30, 2020. Table 3 provides a summary comparison of revenue requirements and firm power rates between the current and proposed PRSs. Following Table 3 is a detailed discussion of the changes in annual revenue requirements.

TABLE 3

Salt Lake City Area Integrated Projects
Annual Revenue Requirements and Firm Power Rates Comparison Table

		WAPA 137 Step 2 Rate PRS	WAPA 169 PRS	*Change*	
Item	**Unit**	**2010 Workplan**	**2016 Workplan**	**Amount**	**Percent**
Rate Setting Period:					
Beginning year	**FY**	2010	2016		
Pinchpoint year	**FY**	2025	2025		
Number of rate setting years	**Years**	16	10		
Annual Revenue Requirements:					
Expenses					
Operation and Maintenance:					
Western	1,000	$40,514	$52,422	$11,908	29%
Reclamation	1,000	$30,092	$34,964	$4,872	16%
Total O&M	1,000	$70,606	$87,386	$16,780	24%
Purchased Power 1/	1,000	$5,163	$12,105	$6,942	134%
Transmission	1,000	$10,525	$10,213	($312)	-3%
Integrated Projects requirements	1,000	$7,286	$8,417	$1,131	16%
Interest	1,000	$3,693	$1,895	($1,798)	-49%
Other 2/	1,000	$2,984	$15,461	$12,477	418%
Total Expenses	1,000	$100,257	$135,477	$35,220	35%
Principal payments					
Deficits	1,000	$0	$0	$0	0%
Replacements	1,000	$28,652	$27,608	($1,044)	-4%
Original Project and Additions	1,000	$17,936	$6,015	($11,921)	-66%
Irrigation 3/	1,000	$38,744	$16,259	($22,485)	-58%
Total principal payments	1,000	$85,332	$49,882	($35,450)	-42%
Total Annual Revenue Requirements	1,000	$185,589	$185,359	($230)	0%
(Less Offsetting Annual Revenue:)					
Transmission (firm and non-firm)	1,000	$18,045	$18,500	$455	3%
Merchant Function 4/	1,000	$8,309	$9,598	$1,289	16%
Other 5/	1,000	$7,687	$4,934	($2,753)	-36%
Total Offsetting Annual Revenue	1,000	$34,041	$33,032	($1,009)	-3%
Net Annual Revenue Requirements	1,000	**$151,548**	**$152,327**	**$779**	1%
Energy Sales 6/	**MWH**	**5,116,346**	**5,090,539**	**(25,807)**	-1%
Capacity Sales	**kW**	**1,434,946**	**1,417,830**	**(17,116)**	-1%
Composite Rate	**mills/kWh**	**29.62**	**29.93**	**0.31**	1.0%

1/ FY 2015-20 are projected costs using the August 2014 24-month study.
$4 million in purchase power will be projected annually for the administrative merchant function activities

2/ Includes the cost of salinity, federal benefits costs, CME interest, reimbursable environmental costs, and MOA costs.

3/ Aid to Irrigation plus Aid to Participating Projects minus Annual Surplus M&I

4/ Includes transaction fees and resale energy.

5/ Other revenues include ancillary services such as spinning reserves, facility use charges, and other misc. service charges.

6/ April 2014 project use estimates from Reclamation. (Average MWH Annual Sales for 2015 - 2025 minus Other Energy Sales)

Changes in Annual Revenue Requirements

(Further detail and documentation regarding each of the following elements of revenue requirements are available in the Supporting Documentation.)

Ratesetting Period

The proposed rate includes a ratesetting period of 10 years as compared to a 16-year, ratesetting period for the current rate since the pinch-point, year with the largest revenue requirements, is still 2025.

Annual Expenses

Operation and Maintenance Costs

Yearly projected operation and maintenance (O&M) costs increased by approximately $16.78 million per year. This increase is based on the average annual O&M amounts projected through the ratesetting period. The annual amounts are derived from both Western's and Reclamation's FY 2010 Work Plans for the current rate and the FY 2016 Work Plans for the proposed rate. Both Western and Reclamation increased their O&M requirements.

For Western, the $11.9 million per year, or about a 29-percent O&M increase, results from inflation and indexing for cost-of-living adjustments.

For Reclamation, $4.9 million per year, or about a 16-percent increase, due to the inclusion of security costs and cost-of-living adjustments. This includes a one-time reduction of $10.1 million as part of the Glen Canyon cost reallocation.

Purchased Power

The annual purchased power expense projections increased as shown in Table 4 below.

In the current PRS, Reclamation's median hydrology was used through 2014 and then $4 million per year was included in the out-years for EMMO operational purposes.

In the proposed rate, Reclamation's median hydrology is used through 2020 and the $4 million for the EMMO operational costs are included every year, not just out-years. Table 4 shows the changes in purchase power costs and future estimates.

TABLE 4

Salt Lake City Area Integrated Projects

Purchased Power Comparisons

FY	Step 2 Rate 1/ Expense ($1,000)	FY 2014 Preliminary 2/ Expense 3/ 4/ ($1,000)	Expense Difference ($1,000)
2011	$ 16,730	$ 37,376	$ 20,646
2012	$ 11,190	$ 32,783	$ 21,593
2013	$ 6,690	$ 66,290	$ 59,600
2014	$ 4,000	$ 63,829	$ 59,829
2015	$ 4,000	$ 22,430	$ 18,430
2016	$ 4,000	$ 23,590	$ 19,590
2017	$ 4,000	$ 17,940	$ 13,940
2018	$ 4,000	$ 18,890	$ 14,890
2019	$ 4,000	$ 19,770	$ 15,770
2020	$ 4,000	$ 20,860	$ 16,860
2021	$ 4,000	$ 4,000	$ -
2022	$ 4,000	$ 4,000	$ -
2023	$ 4,000	$ 4,000	$ -
2024	$ 4,000	$ 4,000	$ -
2025	$ 4,000	$ 4,000	$ -
	$ 5,507	$ 12,105	$ 6,598
	Average 2011-2025	Average 2016-2025	

1/ 2011-2013 projections based on Reclamation's 2009 median hydrology.
After 2014, included $4 million for administrative merchant function activities.

2/ 2016-2020 is based on projected costs using the August 2014 24-month study.
Includes $4 million per year for administrative merchant function activities.

3/ Expenses are net of sales above SHP.

4/ 2011-2013 contain actual financial data.

Transmission

Transmission costs decreased $312 thousand, or 3-percent as shown in Table 3.

Integrated Projects' Requirements

The smaller SLCA/IP (Dolores, Seedskadee, Rio Grande, and Collbran) annual revenue requirements have increased $1.13 million, or 16-percent. The increases for revenue requirements in these projects are from increased O&M expenses.

Interest

Average annual interest expense projections have decreased $1.8 million, or nearly 50-percent, due to the Glen Canyon cost reallocation and the subsequent repayment on investments.

Other Annual Expenses

This category increased by $12.5 million per year, due mainly to the MOA revenues.

Annual Principal Payments

Deficits

There are currently no deficits being projected at this time provided this new rate adjustment is implemented.

Replacements

Repayment requirements for replacements decreased by 4-percent from the current rate primarily due to the Glen Canyon cost reallocation and subsequent revenues being available to apply towards repayment.

Original Project and Additions

Repayment requirements for original project and additions decreased due primarily due to the Glen Canyon cost reallocation and subsequent revenues being available to apply towards repayment.

Irrigation

Table 3 indicates that payments to irrigation assistance decreased by approximately $378 million dollars, which results in an annual decrease of $22.5 million per year. This change was due to the apportionment MOA.

Offsetting Revenues

Offsetting revenues have remained consistent. Western uses a 5-year historical average when determining these offsetting revenues which can account for the small changes in revenues. See Table 5 as shown below.

TABLE 5

Offsetting Revenues
(Unit: Millions)

	Current PRS	Proposed PRS	Change
Transmission	$18.0	$18.5	$0.5
Merchant Function	$ 8.3	$ 9.6	$1.3
Ancillary Services	$ 7.7	$ 4.9	($2.8)
Total	$34.0	$33.0	($1.0)

Net Annual Revenue Requirements

The approximately $779 thousand increase in net annual revenue requirements is a result of the factors discussed above. This is a 1-percent increase from the current net annual revenue requirement.

Energy (GWh) Delivered

Table 6 provides the projected energy sales used in the proposed ratesetting PRS. The year to year changes are due to the estimated energy use by project.

TABLE 6

2014 SLIP PRS Sales Projections
(Assuming Project Use Loads Variable thru 2026, Constant Beyond 2027)

Energy

Year	Proj Use-Energy	LT Firm Com	Total
	/1 (MWH)	/2	(MWH)
2014	140,070	4,951,800	5,091,870
2015	134,030	4,951,800	5,085,830
2016	139,630	4,951,800	5,091,430
2017	139,630	4,951,800	5,091,430
2018	143,330	4,951,800	5,095,130
2019	143,330	4,951,800	5,095,130
2020	130,630	4,951,800	5,082,430
2021	130,630	4,951,800	5,082,430
2022	133,530	4,951,800	5,085,330
2023	139,530	4,951,800	5,091,330
2024	138,830	4,951,800	5,090,630
2025	142,130	4,951,800	5,093,930
2026	144,930	4,951,800	5,096,730
2027	144,930	4,951,800	5,096,730
2028	144,930	4,951,800	5,096,730
Avg. 2014-2028	139,339	4,951,800	5,091,139

/1. Preliminary 2014 Total Used MWh on Project Use Summary Table
/2. Total Energy from Post-2004 CROD List

Summary of Rate Impacts

Table 7 summarizes the rate impacts of forecast changes from the current rate to the proposed rate.

TABLE 7

Summary of Composite Rate Impacts
Salt Lake City Area Integrated Projects
(Unit: mills/kWh)

Factor	**Change**	**Approximate Rate Impact (mills/kWh)**
O&M Expenses	Increase	3.30
Purchased Power	Increase	1.36
Transmission Expenses	Decrease	-0.06
Integrated Projects	Increase	0.22
Interest	Decrease	-0.35
Other	Increase	2.45
Annual Principal Payments	Increase	6.96
Total Revenue Requirements	Decrease	-0.05
Offsetting Revenue	Decrease	-0.20
Net Revenue Requirements	Increase	0.15
SHP Commitment	Increase	0.45
Total	**Increase**	**0.31**

Energy	12.58	mills/kWh
Cap/Year	$63.12	$/kW/Yr
Cap/Month	$5.26	$/kW/Mo
Composite	29.93	mills/kWh

POWER REPAYMENT STUDY
CRSP FY2014 Preliminary PRS
CRSP

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)
		Expenses												Capitalized Deficits				Replacements				Project and Additions					Add to Irrigation				Add to Participating Projects				
Fiscal Year	Total Revenue	Operations & Maintenance Expense	Reimb Environmental Costs	Purchased Power/Wheel Expense	Trans Service	Integrated Projects Req	Provision for Depreciation	Other Expense	Interest Expense	Total Expenses	Prior Year Adj	Credit Reserve for Depreciation	Revenue After Annual Expenses	Principal Payment	Unpaid Balance	Allowable Unpaid Balance	Cumulative Balance	Principal Payment	Unpaid Balance	Allowable Unpaid Balance	Cumulative Balance	Principal Payment	Unpaid Balance	Allowable Unpaid Balance	Cumulative Balance	Annual Surplus M&I Revenue	Principal Payment	Unpaid Balance	Allowable Unpaid Balance	Cumulative Balance	Principal Payment	Unpaid Balance	Allowable Unpaid Balance	Cumulative Balance	Fiscal Year
1963	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1963
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1972 Acct Change	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1972 Acct Change
1973	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1973
1974	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1974
1975	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1975
1976	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1976
1977	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1977
1978	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1978
1979	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1979
1980	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1980
1981	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1981
1982	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1982
1983	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1983
1984	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1984
1985	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1985
1986	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1986
1987	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1987
1988	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1988
1989	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1989
1990	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1990
1991	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1991
1992	105,888,635	34,445,992	24,704,234	20,970,129	7,259,000	0	0	4,541,390	25,276,213	117,196,958	(13,828,389)	0	(21,366,372)	0	73,266,763	75,739,003	75,739,003	0	51,176,406	75,017,104	75,336,773	0	301,695,580	961,215,570	961,215,570	1,421,300	1,421,300	109,032,440	118,324,340	118,324,340	0	0	0	0	1992
1993	111,049,653	39,435,687	3,943,043	21,753,908	8,051,866	0	0	8,007,536	40,576,000	121,768,040	64,540,416	0	61,500,905	1,848,096	11,765,858	75,739,003	75,739,003	0	52,114,143	75,954,841	76,274,510	0	284,916,663	1,066,436,653	1,066,436,653	1,555,100	1,555,100	112,959,985	123,806,985	123,806,985	0	0	0	0	1993
1994	113,320,463	42,890,878	1,181,032	19,539,560	6,729,489	0	0	0	77,418,372	147,759,331	(14,823,982)	0	(49,262,850)	0	61,028,712	125,001,857	125,001,857	0	64,661,883	89,462,988	88,822,250	0	196,255,057	1,066,508,945	1,066,508,945	1,557,100	1,557,100	111,402,885	123,806,985	123,806,985	0	725,102,000	725,102,000	725,102,000	1994
1995	123,565,864	43,638,911	0	14,475,684	7,339,947	0	0	0	43,184,664	108,639,206	(7,919,020)	0	7,007,635	7,007,635	54,021,077	125,001,857	125,001,857	0	47,157,342	91,720,767	92,043,657	0	302,786,818	1,112,971,954	1,112,971,954	115,392	115,392	114,215,508	126,735,000	126,735,000	0	637,143,000	637,143,000	637,143,000	1995
1996	131,836,473	43,434,092	0	675,492	7,521,014	0	0	0	49,408,316	101,038,914	0	0	30,797,559	30,797,559	23,223,518	125,001,857	125,001,857	0	50,144,236	93,954,038	95,030,551	0	276,909,065	1,121,686,591	1,121,686,591	0	0	114,517,508	127,037,000	127,037,000	0	689,514,000	689,514,000	689,514,000	1996
1997	149,655,702	42,756,767	0	5,629,383	7,684,662	0	0	0	41,813,173	97,883,985	(138,018)	0	51,633,699	12,996,038	10,227,480	125,001,857	125,001,857	138,154	55,695,161	99,354,941	100,587,336	38,499,505	246,680,908	1,124,354,469	1,124,354,469	0	0	96,677,839	109,197,331	109,197,331	0	2,620,167,300	2,620,167,300	2,620,167,300	1997
1998	158,621,654	53,844,753	0	5,785,184	4,591,079	0	0	0	43,840,994	108,062,010	929,356	0	51,489,000	0	10,227,480	125,001,857	125,001,857	20,729,720	33,291,559	101,420,191	102,652,586	39,651,390	196,851,376	1,124,354,417	1,124,354,417	0	0	97,675,178	110,194,670	110,194,670	0	2,186,693,798	2,186,693,798	2,186,693,798	1998
1999	141,042,798	55,386,127	0	17,602,411	8,186,655	0	0	7,667,098	24,116,666	112,958,957	(325,843)	0	27,757,998	0	10,227,480	125,001,857	125,001,857	214,873	35,013,208	102,536,685	104,589,108	27,543,125	182,993,525	1,138,039,690	1,138,039,690	0	0	97,052,598	109,572,090	109,572,090	0	2,568,537,549	2,568,537,549	2,568,537,549	1999
2000	185,763,637	53,264,508	0	95,122,439	8,284,150	0	0	1,352,000	33,661,904	191,685,001	2,658,406	0	(3,262,958)	3,471,093	10,227,480	128,472,950	128,472,950	208,135	48,359,879	115,222,019	118,143,914	(3,471,093)	162,139,932	1,113,715,004	1,113,715,004	347,764	347,764	98,478,301	111,345,557	111,345,557	0	2,588,172,000	2,588,172,000	2,588,172,000	2000
2001	292,456,458	54,475,072	0	182,746,641	12,894,421	0	0	8,292,377	27,013,879	285,422,390	729,968	0	7,764,036	0	10,227,480	128,472,950	128,472,950	168,956	51,763,438	118,672,604	121,716,429	7,595,080	164,406,525	1,123,576,677	1,123,576,677	307,600	307,600	98,344,181	111,519,037	111,519,037	0	2,588,172,000	2,588,172,000	2,588,172,000	2001
2002	132,848,806	54,144,044	0	34,804,388	7,806,788	0	0	1,814,000	27,483,022	126,052,242	0	0	6,796,564	0	10,227,480	128,472,950	128,472,950	2,403,429	57,440,640	126,890,179	129,797,060	13,191,008	105,500,632	1,148,979,232	1,148,979,232	490,100	490,100	97,854,081	111,519,037	111,519,037	0	2,588,172,000	2,588,172,000	2,588,172,000	2002
2003	173,509,323	54,783,663	0	80,854,603	13,458,463	0	0	1,932,000	26,317,579	177,346,308	69,767	0	(3,767,218)	0	13,994,699	132,240,169	132,240,169	22,228,409	140,848,924	136,920,711	136,920,711	(22,228,409)	47,341,479	1,180,973,336	1,180,973,336	304,040	304,040	95,956,703	109,925,699	109,925,699	0	2,588,148,837	2,588,148,837	2,588,148,837	2003
2004	201,287,909	56,340,466	0	73,469,887	12,579,366	0	0	2,161,000	23,777,621	168,328,340	0	0	32,959,569	3,767,219	10,227,480	132,240,169	132,240,169	7,192,105	138,899,023	119,329,296	142,162,916	22,000,244	30,171,241	1,185,803,342	1,185,803,342	504,400	504,400	95,452,303	109,925,699	109,925,699	0	1,406,613,953	1,406,613,953	1,406,613,953	2004
2005	152,279,594	56,680,653	0	62,639,687	10,391,094	0	0	2,161,000	21,211,910	153,084,344	(4,111,062)	0	(804,750)	0	11,310,818	133,323,507	133,323,507	278,587	140,889,688	121,397,431	144,432,168	0	35,287,203	1,186,808,242	1,186,808,242	552,131	552,131	96,464,470	111,489,997	111,489,997	0	1,406,613,953	1,406,613,953	1,406,613,953	2005
2006	163,046,955	52,738,961	0	63,083,598	13,773,791	0	0	2,099,000	31,166,268	162,861,618	7,139,016	0	7,324,353	1,083,338	10,227,480	133,323,507	133,323,507	2,394,523	146,163,747	128,702,518	152,100,750	3,846,494	34,529,851	1,189,897,384	1,189,897,384	440,300	440,300	96,024,170	111,489,997	111,489,997	0	1,384,632,558	1,384,632,558	1,384,632,558	2006
2007	160,644,551	65,720,837	0	47,715,657	14,586,310	0	0	0	22,567,767	150,590,571	0	0	10,053,980	0	10,227,480	133,323,507	133,323,507	5,382,373	147,649,549	133,983,199	158,968,925	4,671,607	33,921,050	1,193,960,190	1,193,960,190	(219,514)	(219,514)	95,782,422	111,028,735	111,028,735	0	1,402,762,791	1,402,762,791	1,402,762,791	2007
2008	180,784,575	64,055,868	0	44,106,672	10,624,909	0	0	3,053,434	22,888,389	144,729,272	0	0	36,055,303	0	10,227,480	18,549,130	133,323,507	16,420,981	143,894,883	147,027,734	171,635,240	19,356,260	16,177,873	1,198,642,168	1,195,573,273	435,436	0	95,682,176	110,928,489	110,928,489	0	1,427,437,021	1,427,437,209	1,427,437,021	2008
2009	166,710,021	64,775,812	0	32,090,240	11,454,441	0	0	2,701,000	19,601,598	130,623,091	0	0	36,086,930	0	10,227,480	18,549,130	133,323,507	9,661,349	138,069,643	149,689,941	175,564,329	26,425,581	(4,796,091)	1,184,069,995	1,201,209,987	0	0	95,246,740	110,928,489	110,928,489	0	1,426,855,814	1,426,855,814	1,426,855,814	2009
2010	179,735,095	71,843,691	0	26,420,413	10,446,428	0	0	1,902,218	18,749,874	129,362,624	0	0	50,372,471	0	10,227,480	15,078,037	133,323,507	31,103,305	116,624,596	157,555,602	185,222,587	19,269,168	(19,866,531)	1,207,832,475	1,205,408,716	216,385	216,385	96,355,025	112,253,159	112,253,159	0	1,455,921,000	1,455,921,000	1,455,921,000	2010
2011	212,284,161	74,390,212	0	37,376,035	9,996,428	0	0	(17,660,129)	13,578,117	117,680,663	0	0	94,603,498	0	10,227,480	15,078,037	133,323,507	43,211,877	83,220,674	167,104,618	195,030,542	51,391,621	(64,933,021)	1,214,157,606	1,211,733,847	382,949	382,949	96,185,655	112,466,738	112,466,738	0	1,077,948,000	1,077,948,047	1,077,948,000	2011
2012	188,808,679	77,648,355	0	32,782,870	9,979,334	0	0	11,013,043	5,782,591	137,206,193	0	0	51,602,486	0	10,227,480	15,078,037	133,323,507	32,667,008	59,584,841	120,107,034	204,061,716	18,935,478	(81,212,893)	1,217,568,322	1,214,389,453	257,421	257,421	95,928,234	112,466,738	112,466,738	0	1,088,388,000	1,088,388,907	1,088,388,000	2012
2013	191,574,640	69,639,970	0	66,289,501	9,115,093	0	0	(1,670,409)	(131,604,376)	11,769,779	0	0	179,804,861	0	10,227,480	11,310,818	133,323,507	11,696,965	57,998,177	128,486,202	214,172,017	120,354,257	(225,822,853)	1,190,133,750	1,190,133,750	245,929	47,999,565	46,393,186	80,141,397	110,931,255	0	1,093,183,000	1,093,183,000	1,093,183,000	2013
2014	180,279,536	78,482,039	886,000	63,829,222	10,076,183	12,701,511	0	13,902,386	406,389	180,283,730	0	0	881,806	0	10,227,480	11,310,818	133,323,507	554,750	76,118,866	141,713,609	232,847,456	0	(224,128,586)	1,156,594,535	1,191,828,017	3,123,964	3,123,964	43,269,222	70,822,883	110,931,255	0	1,093,183,000	1,093,183,000	1,093,183,000	2014
PRIOR YEAR ADJ.	(19,295,130)	47,471,481	(36,392,944)	(9,478,220)	(50)	0	(9,215,161)	0	(30,021,879)	(37,636,773)	19,990,945		4,686,822	62,125,049	(10,227,480)	(10,227,480)	(10,227,480)	15,876,754	(57,998,177)	57,998,177	57,998,177	(105,543,960)	284,919,122	(284,919,122)	(284,919,122)	0	435,436	0	0	0	0	0	0	0	PRIOR YEAR ADJ.
HISTORICAL SUBTOTAL	5,473,721,939	1,735,666,812	43,085,598	1,404,328,248	286,637,903	12,701,511	0	62,313,478	762,950,393	4,307,683,943	0	(10)	1,166,923,997	123,096,027	0	1,083,338	123,096,027	272,724,943	18,120,689	199,711,786	290,845,633	846,118,360	60,790,536	871,675,413	906,908,895	19,908,397	67,662,033	43,269,222	70,822,883	110,931,255	0	1,093,183,000	1,093,183,000	1,093,183,000	HISTORICAL SUBTOTAL
2015	182,431,778	82,060,269	886,000	22,430,000	10,172,933	8,527,599	0	14,424,119	2,864,882	141,365,802	0		41,065,976	0	0	0	123,096,027	38,882,171	29,299,071	247,368,576	340,906,186	644,267	60,146,269	871,675,413	906,908,895	3,186,346	4,725,885	38,543,337	38,543,337	110,931,255	0	1,093,183,000	1,093,183,000	1,093,183,000	2015
2016	184,524,040	83,645,265	886,000	23,590,000	10,172,933	8,691,799	0	14,419,669	3,559,957	144,965,623	0		39,558,417	0	0	0	123,096,027	18,764,399	49,479,923	284,178,100	379,851,437	0	60,146,269	871,675,413	906,908,895	3,249,395	15,435,413	23,107,924	23,107,924	110,931,255	8,608,000	1,084,575,000	1,084,575,000	1,093,183,000	2016
2017	185,024,040	86,515,027	886,000	17,940,000	10,172,933	8,681,204	0	14,414,069	4,046,476	142,655,708	0		42,368,332	0	0	0	123,096,027	40,064,614	48,821,798	322,672,574	419,257,926	0	60,146,269	871,675,413	906,908,895	3,314,100	1,231,817	21,876,107	21,876,107	110,931,255	4,386,000	1,080,189,000	1,080,189,000	1,093,183,000	2017
2018	185,231,386	85,982,006	886,000	18,890,000	10,222,933	8,664,334	0	14,473,469	3,838,259	142,957,001	0		42,274,385	0	0	0	123,096,027	41,646,933	40,914,728	353,478,741	452,997,789	0	60,146,269	828,714,425	906,908,895	3,380,536	4,007,988	17,868,119	17,868,119	110,931,255	0	1,080,189,000	1,080,189,000	1,093,183,000	2018
2019	185,231,386	89,954,326	886,000	19,770,000	10,222,933	8,675,815	0	14,468,869	3,016,267	146,994,210	0		38,237,176	0	0	0	123,096,027	38,237,176	15,444,918	362,955,270	465,765,155	0	60,146,269	828,661,683	906,908,895	3,469,501	3,469,501	14,398,618	16,786,153	110,931,255	0	1,080,189,000	1,080,189,000	1,093,183,000	2019
2020	185,393,124	87,960,805	886,000	20,860,000	10,222,933	8,740,774	0	14,464,269	1,849,532	144,984,313	0		40,408,811	0	0	0	123,096,027	27,758,508	0	372,221,550	478,078,745	9,802,594	50,343,675	828,620,108	906,908,895	3,545,291	0	14,398,618	16,915,829	110,931,255	6,393,000	1,073,796,000	1,073,796,000	1,093,183,000	2020
2021	185,393,124	87,960,805	886,000	4,000,000	10,222,933	8,340,401	0	14,543,469	1,413,838	127,367,446	0		58,025,678	0	0	0	123,096,027	40,268,652	2,758,357	406,847,345	521,105,754	0	50,343,675	783,533,851	906,908,895	3,612,889	7,706,915	6,691,703	6,691,703	110,931,255	13,663,000	1,060,133,000	1,060,133,000	1,093,183,000	2021
2022	185,475,866	87,960,805	886,000	4,000,000	10,222,933	8,090,043	0	14,622,669	958,552	126,741,002	0		58,734,864	0	0	0	123,096,027	25,280,363	0	425,714,234	543,627,761	33,454,501	16,889,174	781,324,019	906,908,895	3,680,563	3,680,563	3,011,140	9,704,649	110,931,255	0	1,060,133,000	1,060,133,000	1,093,183,000	2022
2023	185,668,821	87,960,805	886,000	4,000,000	10,222,933	8,079,720	0	14,701,869	222,262	126,073,589	0		59,595,232	0	0	0	123,096,027	15,922,408	0	437,317,238	559,550,168	16,889,174	0	781,083,468	906,908,895	3,750,757	3,011,140	0	10,460,860	110,931,255	27,523,267	1,032,609,733	1,036,467,000	1,093,183,000	2023
2024	185,661,037	87,960,805	886,000	4,000,000	10,222,933	8,125,915	0	14,781,069	0	125,976,722	0		59,684,314	0	0	0	123,096,027	15,382,883	0	450,580,269	574,933,051	0	0	780,235,322	906,908,895	3,847,025	0	0	11,295,638	110,931,255	48,148,457	984,461,276	1,036,467,000	1,093,183,000	2024
2025	185,994,383	87,960,805	886,000	4,000,000	10,222,933	8,081,836	0	14,860,419	45,775	126,057,768	0		59,936,616	0	0	0	123,096,027	12,755,716	1,822,166	457,578,624	589,510,934	0	0	780,205,798	906,908,895	3,945,377	0	0	12,815,281	110,931,255	51,126,276	933,335,000	933,335,000	1,093,183,000	2025
2026	186,082,325	87,960,805	886,000	4,000,000	10,222,933	8,089,827	0	4,843,733	44,953	116,048,251	0		70,034,074	0	0	0	123,096,027	8,913,885	0	458,100,430	596,602,652	0	0	780,198,203	906,908,895	4,019,178	0	0	12,280,824	110,931,255	65,139,367	868,195,633	933,334,884	1,093,183,000	2026
2027	186,082,325	87,960,805	886,000	4,000,000	10,222,933	8,075,726	0	3,558,419	0	114,703,883	0		71,378,441	0	0	0	123,096,027	12,369,362	0	465,876,456	608,972,014	0	0	780,145,812	906,908,895	4,096,110	0	0	12,109,065	110,931,255	63,105,189	805,090,445	933,334,884	1,093,183,000	2027
2028	186,082,325	87,960,805	886,000	4,000,000	10,222,933	8,141,698	0	3,657,419	0	114,868,855	0		71,213,470	0	0	0	123,096,027	10,967,383	0	470,698,087	619,939,397	0	0	727,190,553	906,908,895	4,131,361	0	0	12,278,315	110,931,255	64,377,448	740,712,996	933,334,884	1,093,183,000	2028
2029	186,082,325	87,960,805	886,000	4,000,000	10,222,933	8,170,052	0	3,756,569	0	114,996,359	0		71,085,966	0	0	0	123,096,027	24,415,348	0	485,322,584	644,354,745	0	0	727,190,553	906,908,895	4,241,097	0	0	11,387,379	110,931,255	50,911,716	689,801,281	852,831,658	1,093,183,000	2029
2030	186,082,325	87,960,805	886,000	4,000,000	10,222,933	8,096,968	0	3,875,369	0	115,042,075	0		71,040,250	0	0	0	123,096,027	22,390,601	0	498,031,271	666,745,346	0	0	727,190,553	906,908,895	4,337,718	0	0	11,426,480	110,931,255	52,987,367	636,813,914	852,831,658	1,093,183,000	2030
2031	186,082,325	87,960,805	886,000	4,000,000	10,222,933	8,093,232	0	915,019	0	112,077,989	0		74,004,336	0	0	0	123,096,027	20,932,080	0	508,213,065	687,677,426	0	0	727,190,553	906,908,895	4,421,525	0	0	11,724,316	110,931,255	57,493,781	579,320,133	852,831,658	1,093,183,000	2031
2032	186,082,325	87,960,805	886,000	4,000,000	10,222,933	8,090,957	0	915,019	0	112,075,714	0		74,006,611	0	0	0	123,096,027	16,468,053	0	520,787,961	704,145,479	0	0	727,190,553	906,908,895	4,507,028	0	0	10,870,493	110,931,255	62,045,585	517,274,547	852,831,658	1,093,183,000	2032
2033	186,082,325	87,960,805	886,000	4,000,000	10,222,933	8,141,166	0	915,019	0	112,125,923	0		73,956,402	0	0	0	123,096,027	9,797,208	0	520,965,766	713,942,687	0	0	727,190,553	906,908,895	4,594,260	0	0	10,438,676	110,931,255	68,753,454	448,521,093	852,831,658	1,093,183,000	2033
2034	186,082,325	87,960,805	886,000	4,000,000	10,222,933	8,139,788	0	915,019	0	112,124,545	0		73,957,780	0	0	0	123,096,027	5,387,857	0	523,197,048	719,330,544	0	0	727,182,886	906,908,895	4,718,877	0	0	10,438,676	110,931,255	73,288,800	375,232,294	852,831,658	1,093,183,000	2034
2035	186,082,325	87,960,805	886,000	4,000,000	10,222,933	8,141,093	0	915,019	0	112,125,850	0		73,956,475	0	0	0	123,096,027	8,743,996	0	523,451,926	728,074,540	0	0	726,972,372	906,908,895	4,820,878	0	0	10,438,676	110,931,255	70,033,357	305,198,937	699,754,239	1,093,183,000	2035
2036	186,082,325	87,960,805	886,000	4,000,000	10,222,933	8,100,079	0	915,019	0	112,084,836	0		73,997,489	0	0	0	123,096,027	11,820,227	0	508,096,294	739,894,767	0	0	726,980,039	906,908,895	4,913,852	0	0	0	110,931,255	67,091,115	238,107,822	699,754,239	1,093,183,000	2036
2037	186,082,325	87,960,805	886,000	4,000,000	10,222,933	8,084,467	0	915,019	0	112,069,224	0		74,013,100	0	0	0	123,096,027	12,074,426	0	511,125,141	751,969,194	0	0	726,240,096	906,908,895	5,008,712	0	0	0	110,931,255	66,947,386	171,160,437	699,754,239	1,093,183,000	2037
2038	186,082,325	87,960,805	886,000	4,000,000	10,222,933	8,155,900	0	915,019	0	112,140,657	0		73,941,668	0	0	0	123,096,027	9,486,793	0	511,413,582	761,455,987	0	0	706,250,763	906,908,895	5,105,494	0	0	0	110,931,255	69,560,368	101,600,068	699,754,239	1,093,183,000	2038
2039	186,082,325	87,960,805	886,000	4,000,000	10,222,933	8,139,788	0	4,115,027	0	115,324,553	0		70,757,772	0	0	0	123,096,027	11,803,523	0	507,098,216	773,259,510	0	0	683,362,012	906,908,895	5,246,983	0	0	0	110,931,255	64,201,232	37,398,836	699,754,239	1,093,183,000	2039
2040	186,082,325	87,960,805	886,000	4,000,000	10,222,933	8,139,788	0	979,766	0	112,189,292	0		73,893,033	0	0	0	123,096,027	10,316,056	0	502,795,092	783,575,567	0	0	689,743,691	906,908,895	5,347,731	0	0	0	110,931,255	37,398,836	0	699,754,239	1,093,183,000	2040
2041	186,082,325	87,960,805	886,000	4,000,000	10,222,933	8,160,008	0	915,019	0	112,144,765	0		73,937,560	0	0	0	123,096,027	12,784,369	0	501,825,312	796,359,936	0	0	372,826,330	906,908,895	5,463,619	0	0	0	110,931,255	0	0	699,754,239	1,093,183,000	2041
2042	186,082,325	87,960,805	0	4,000,000	10,222,933	8,698,381	0	1,262,624	0	112,144,743	0		73,937,582	0	0	0	123,096,027	17,651,045	0	504,479,161	814,010,981	0	0	337,306,538	906,908,895	5,568,901	0	0	0	110,931,255	0	0	699,754,239	1,093,183,000	2042
2043	186,082,325	87,960,805	0	4,000,000	10,222,933	8,293,894	0	1,073,473	0	111,551,105	0		74,531,219	0	0	0	123,096,027	23,360,020	0	505,644,181	837,371,000	0	0	319,900,240	906,908,895	5,674,419	0	0	0	110,931,255	0	0	699,754,239	1,093,183,000	2043
2044	186,082,325	87,960,805	0	4,000,000	10,222,933	8,156,874	0	915,019	0	111,255,631	0		74,826,693	0	0	0	123,096,027	1,519,639	0	483,273,672	838,890,640	0	0	319,899,948	906,908,895	5,833,079	0	0	0	110,931,255	0	0	699,754,239	1,093,183,000	2044
2045	186,082,325	87,960,805	0	4,000,000	10,222,933	8,156,874	0	915,019	0	111,255,631	0		74,826,693	0	0	0	123,096,027	16,886,285	0	488,069,825	855,776,925	0	0	301,300,531	906,908,895	5,884,319	0	0	0	110,931,255	0	0	568,356,623	1,093,183,000	2045
2046	186,082,325	87,960,805	0	4,000,000	10,222,933	8,156,874	0	1,986,208	0	112,326,820	0		73,755,504	0	0	0	123,096,027	1,555,131	0	484,991,098	857,332,056	0	0	307,182,119	906,908,895	5,997,111	0	0	0	110,931,255	0	0	568,356,623	1,093,183,000	2046
2047	186,082,325	87,960,805	0	4,000,000	10,222,933	8,175,334	0	2,834,603	0	113,193,675	0		72,888,650	0	0	0	123,096,027	14,502,135	0	493,248,187	871,834,191	0	0	305,443,417	906,908,895	6,112,383	0	0	1,733,924	110,931,255	0	0	568,356,623	1,093,183,000	2047
2048	186,082,325	87,960,805	0	4,000,000	10,222,933	8,156,874	0	915,019	0	111,255,631	0		74,826,693	0	0	0	123,096,027	6,457,922	0	492,314,637	878,292,113	0	0	310,008,683	906,908,895	6,228,867	0	0	736,585	110,931,255	0	0	397,391,405	1,093,183,000	2048
2049	186,082,325	87,960,805	0	4,000,000	10,222,933	8,198,897	0	915,019	0	111,297,654	0		74,784,670	0	0	0	123,096,027	18,850,415	0	492,285,194	897,142,529	0	0	309,360,510	906,908,895	6,410,447	0	0	1,359,165	110,931,255	0	0	346,737,058	1,093,183,000	2049
2050	186,082,325	87,960,805	0	4,000,000	10,222,933	8,156,874	0	915,019	0	111,255,631	0		74,826,693	0	0	0	123,096,027	39,810,614	0	474,315,533	936,953,142	0	0	312,715,521	906,908,895	6,532,892	0	0	0	110,931,255	0	0	346,737,058	1,093,183,000	2050
2051	186,082,325	87,960,805	0	4,000,000	10,222,933	6,086,013	0	915,019	0	109,184,770	0		76,897,555	0	0	0	123,096,027	32,228,928	0	450,193,645	969,182,070	0	0	307,479,441	906,908,895	6,657,835	0	0	0	110,931,255	0	0	346,737,058	1,093,183,000	2051
2052	186,082,325	87,960,805	0	4,000,000	10,222,933	5,849,401	0	915,019	0	108,948,158	0		77,134,167	0	0	0	123,096,027	18,305,594	0	423,755,010	987,487,665	0	0	313,126,869	906,908,895	6,607,845	0	0	0	110,931,255	0	0	170,982,710	1,093,183,000	2052
2053	186,082,325	87,960,805	0	4,000,000	10,222,933	5,849,401	0	915,019	0	108,948,158	0		77,134,167	0	0	0	123,096,027	16,565,390	0	401,945,829	1,004,053,054	0	0	53,559,751	906,908,895	6,711,226	0	0	1,005,556	110,931,255	0	0	170,982,710	1,093,183,000	2053
2054	186,082,325	87,960,805	0	4,000,000	10,222,933	7,792,237	0	915,019	0	110,890,994	0		75,191,331	0	0	0	123,096,027	17,499,031	0	398,865,202	1,021,552,085	0	0	46,709,090	906,908,895	6,911,940	0	0	1,005,556	110,931,255	0	0	123,283,721	1,093,183,000	2054
2055	186,082,325	87,960,805	0	4,000,000	10,222,933	6,026,743	0	915,019	0	109,125,500	0		76,956,825	0	0	0	123,096,027	19,180,084	0	399,949,656	1,040,732,170	0	0	45,443,645	906,908,895	7,041,314	0	0	0	110,931,255	0	0	56,037,209	1,093,183,000	2055
2056	186,082,325	87,960,805	0	4,000,000	10,222,933	5,849,401	0	915,019	0	108,948,158	0		77,134,167	0	0	0	123,096,027	5,840,345	0	399,454,304	1,046,572,515	0	0	42,164,678	906,908,895	7,173,275	0	0	0	110,931,255	0	0	56,037,209	1,093,183,000	2056
2057	186,082,325	87,960,805	0	4,000,000	10,222,933	6,196,342	0	915,019	0	109,295,099	0		76,787,226	0	0	0	123,096,027	9,575,532	0	400,062,037	1,056,148,047	0	0	41,541,710	906,908,895	7,307,875	0	0	0	110,931,255	0	0	0	1,093,183,000	2057
2058	186,082,325	87,960,805	0	4,000,000	10,222,933	5,849,401	0	915,019	0	108,948,158	0		77,134,167	0	0	0	123,096,027	13,093,508	0	401,729,660	1,069,241,555	0	0	40,233,396	906,908,895	7,445,167	0	0	2,766	110,931,255	0	0	0	1,093,183,000	2058
2059	186,082,325	87,960,805	0	4,000,000	10,222,933	5,934,522	0	915,019	0	109,033,279	0		77,049,046	0	0	0	123,096,027	4,810,413	0	401,218,500	1,074,051,969	0	0	30,337,863	906,908,895	7,673,845	0	0	2,766	110,931,255	0	0	0	1,093,183,000	2059
2060	186,082,325	87,960,805	0	4,000,000	10,222,933	5,888,850	0	915,019	0	108,987,607	0		77,094,718	0	0	0	123,096,027	9,349,166	0	392,679,279	1,083,401,134	0	0	24,618,435	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2060
2061	186,082,325	87,960,805	0	4,000,000	10,222,933	8,044,797	0	915,019	0	111,143,554	0		74,938,771	0	0	0	123,096,027	26,474,505	0	398,259,781	1,109,875,640	0	0	11,682,250	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2061
2062	186,082,325	87,960,805	0	4,000,000	10,222,933	6,256,293	0	915,019	0	109,355,050	0		76,727,274	0	0	0	123,096,027	9,586,633	0	396,147,898	1,119,462,273	0	0	7,644,108	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2062
2063	186,082,325	87,960,805	0	4,000,000	10,222,933	5,895,987	0	915,019	0	108,994,744	0		77,087,580	0	0	0	123,096,027	10,379,509	0	389,231,124	1,129,841,782	0	0	1,694,267	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2063
2064	186,082,325	87,960,805	0	4,000,000	10,222,933	5,778,214	0	915,019	0	108,876,971	0		77,205,354	0	0	0	123,096,027	21,734,602	0	397,094,287	1,151,576,384	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2064
2065	186,082,325	87,960,805	0	4,000,000	10,222,933	5,888,152	0	915,019	0	108,986,909	0		77,095,416	0	0	0	123,096,027	14,823,681	0	407,559,356	1,166,400,065	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2065
2066	186,082,325	87,960,805	0	4,000,000	10,222,933	5,786,286	0	915,019	0	108,885,043	0		77,197,282	0	0	0	123,096,027	24,925,366	0	417,278,476	1,191,325,431	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2066
2067	186,082,325	87,960,805	0	4,000,000	10,222,933	5,779,090	0	915,019	0	108,877,847	0		77,204,478	0	0	0	123,096,027	17,115,713	0	420,908,935	1,208,441,144	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2067
2068	186,082,325	87,960,805	0	4,000,000	10,222,933	5,777,426	0	915,019	0	108,876,183	0		77,206,142	0	0	0	123,096,027	8,649,068	0	422,392,221	1,217,090,212	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2068
2069	186,082,325	87,960,805	0	4,000,000	10,222,933	5,787,772	0	915,019	0	108,886,529	0		77,195,796	0	0	0	123,096,027	6,958,134	0	422,431,031	1,224,048,346	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2069
2070	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	12,798,495	0	422,431,031	1,236,846,842	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2070
2071	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	3,063,851	0	422,431,031	1,239,910,692	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2071
2072	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	12,680,102	0	422,431,031	1,252,590,795	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2072
2073	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	5,559,039	0	422,431,031	1,258,149,833	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2073
2074	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	20,820,759	0	422,431,031	1,278,970,592	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2074
2075	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	14,485,457	0	422,431,031	1,293,456,049	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2075
2076	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	25,974,970	0	422,431,031	1,319,431,019	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2076
2077	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	4,755,663	0	422,431,031	1,324,186,682	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2077
2078	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	27,829,352	0	422,431,031	1,352,016,034	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2078
2079	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	53,488,615	0	422,431,031	1,405,504,649	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2079
2080	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	23,186,009	0	422,431,031	1,428,690,659	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2080
2081	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	17,555,598	0	422,431,031	1,446,246,256	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2081
2082	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	12,130,862	0	422,431,031	1,458,377,119	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2082
2083	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	8,067,650	0	422,431,031	1,466,444,769	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2083
2084	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	14,342,160	0	422,431,031	1,480,786,929	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2084
2085	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	9,622,550	0	422,431,031	1,490,409,479	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2085
2086	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	6,846,271	0	422,431,031	1,497,255,750	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2086
2087	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	28,319,375	0	422,431,031	1,525,575,125	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2087
2088	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	15,915,849	0	422,431,031	1,541,490,974	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2088
2089	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	8,435,836	0	422,431,031	1,549,926,810	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2089
2090	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	30,362,381	0	422,431,031	1,580,289,191	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2090
2091	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	18,782,001	0	422,431,031	1,599,071,192	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2091
2092	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	6,440,905	0	422,431,031	1,605,512,098	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2092
2093	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	10,270,444	0	422,431,031	1,615,782,541	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2093
2094	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	3,012,391	0	422,431,031	1,618,794,932	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2094
2095	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	3,894,530	0	422,431,031	1,622,689,462	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2095
2096	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	7,065,918	0	422,431,031	1,629,755,379	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2096
2097	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	3,558,489	0	422,431,031	1,633,313,869	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2097
2098	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	9,967,848	0	422,431,031	1,643,281,717	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2098
2099	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	18,639,269	0	422,431,031	1,661,920,986	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2099
2100	186,082,325	87,960,805	0	4,000,000	10,222,933	7,073,097	0	915,019	0	110,171,854	0		75,910,471	0	0	0	123,096,027	10,722,677	0	422,431,031	1,672,643,664	0	0	0	906,908,895	7,816,683	0	0	0	110,931,255	0	0	0	1,093,183,000	2100
FUTURE YEAR SUBTOTAL	15,992,203,352	7,552,982,098	23,922,000	443,480,000	879,022,238	632,393,191	0	250,678,385	21,860,752	9,804,338,663	0	0	6,187,864,689	0	0	0	123,096,027	1,399,918,720	0	422,431,031	1,672,643,664	60,790,536	0	0	906,908,895	552,212,963	43,269,222	0	0	110,931,255	1,093,183,000	0	0	1,093,183,000	FUTURE YEAR SUBTOTAL
STUDY TOTAL	21,465,925,291	9,288,648,910	67,007,598	1,847,808,248	1,165,660,141	645,094,702	0	312,991,863	784,811,144	14,112,022,606	0	(10)	7,354,788,685	123,096,027	0	0	123,096,027	1,672,643,663	0	422,431,031	1,672,643,664	906,908,895	0	0	906,908,895	572,121,360	110,931,255	0	0	110,931,255	1,093,183,000	0	0	1,093,183,000	STUDY TOTAL

Cost Recovery Charge

Western is proposing to continue the CRC calculation in the proposed rate schedule.

CRC Discussion

The lower than expected hydropower production due to extended drought conditions in the region has caused actual purchase power expenses to be significantly higher than previous forecasts and continues to create concerns about cost-recovery issues for the Basin Fund.

In the proposed ratesetting PRS, purchased power expense beyond the initial 5-year, cost-evaluation period have been reduced to a minimal amount in anticipation that a return to wetter-water conditions will result in Western meeting its firm power commitments through hydropower generation. In the event that expenses exceed estimates and in order to adequately recover and maintain a sufficient balance in the Basin Fund, Western proposes to continue to apply the CRC.

The CRC is a charge on **ALL** SHP energy. In calculating the CRC, Western will forecast the amount of revenue available to deliver the yearly SHP energy commitment. Western will estimate the availability of revenue in the Basin Fund at the beginning and end of the fiscal year. In the current rate Western maintains at least a $20 million carryover balance for the following FY and limits maximum annual loss to the Basin Fund beginning balance (BFBB) at no more than 25 percent of the BFBB per year.

Proposed changes for the CRC will include "tiers" to quantify the need for a CRC based on the balance of the Basin Fund and Western's ability to meet contractual agreements. The CRC will be implemented at the discretion of Western when the Basin Fund's balance meets the criteria in the tiers per Table 8.

The Basin Fund Beginning Balance (BFBB) determines the applicable CRC tier criteria. The proposed minimum Basin Fund targeted carryover balance is $40 million. Once Western determines the amount of revenue available in the Basin Fund for anticipated expenses, it will determine the additional revenue needed and will include this in the Customer's firm power bill (See Table 1.), unless the customer chooses to waive and lower their receipt of power as per the CRC Waiver Level (WL).

Calculation of the CRC

Western will forecast the amount of purchased energy and the corresponding expense to deliver SHP energy and also forecast the funds available from the Basin Fund for firming purchases.

In determining the forecasted funds available, the impact on net revenue (projected annual revenue less projected annual expenses) and the Basin Fund net balance (FY BFBB plus net revenue) will be analyzed. In the event the impact on either of these is at acceptable levels, the CRC will not apply during that FY. If the impact on net revenue and /or the Basin Fund constrains the funds available to deliver SHP energy, the most constraining factor will be used to determine the additional revenue requirements. Please refer to Table 9 for a CRC example.

TABLE 8

Western has the discretion to implement a CRC based on the tiers below.		
Tier	**Criteria, If the BFBB is:**	**Review**
i	**Greater than $150 million with an expected decrease below $75 million**	**Annually**
ii	**Less than $150 million but greater than $120 million with an expected 50-percent decrease**	
iii	**Less than $120 million but greater than $90 million with an expected 40-percent decrease**	
iv	**Less than $90 million but greater than $60 million with an expected 25-percent decrease**	**Semi-Annual (May / November)**
v	**Less than $60 million but greater than $40 million with an expected decrease below $40 million**	**Monthly**

TABLE 9

SAMPLE CRC CALCULATION				
		Description	**Example**	**Formula**
STEP ONE	**Determine the Net Balance available in the Basin Fund.**			
	BFBB	Basin Fund Beginning Balance ($)	$ 85,860,265	Financial forecast
	BFTB	Basin Fund Target Balance ($)	$ 64,395,199	BFTB for Tier i and Tier v[1], or BFBB – (Tier (ii through iv) % *BFBB)
	PAR	Projected Annual Revenue ($) w/o CRC	$ 232,780,000	Financial forecast
	PAE	Projected Annual Expense ($)	$ 226,649,066	Financial forecast
	NR	Net Revenue ($)	$ 6,130,934	PAR - PAE
	NB	Net Balance ($)	$ 91,991,199	BFBB + NR
STEP TWO	**Determine the Forecasted Energy Purchase Expenses.**			
	EA	SHP Energy Allocation (GWh)	4,952	Customer contracts
	HE	Forecasted Hydro Energy (GWh)	4,924	Hydrologic & generation forecast
	FE	Forecasted Energy Purchase (GWh)	504	EA – HE or anticipated
	FFC	Forecasted Avg.Energy Price per MWh ($)	$ 34.23	From commercially available price indices
	FX	Forecasted Energy Purchase Expense ($)	$ 17,262,512	FE * FFC *1000
STEP THREE	**Determine the amount of Funds Available for firming energy purchases, and then determine additional revenue to be recovered. The following two formulas will be used to determine FA, the lesser of the two will be used.**			
	FA1	Basin Fund Balance Factor ($)	$ 17,262,512	If (NB>BFBB,FX,FX -(BFTB - NB))
	FA2	Revenue Factor ($)	$ 17,262,512	If (NR>-(BFBB-BFTB), FX, FX+NR +(BFBB-BFTB))
	FA	Funds Available ($)	$ 17,262,512	Lesser of FA1 or FA2 (not less than $0)
	FARR	Additional Revenue to be Recovered ($)	$ 0	FX - FA
STEP FOUR	**Once the FA for purchases have been determined, the CRC can be calculated, and the WL can be determined.**			
	WL	Waiver Level (GWh)	5428	If (EA<HE,EA,HE+(FE*(FA/FX))), but not less than HE
	WLP	Waiver Level Percentage of Full SHP	110%	WL/EA*100
	CRCE	CRC Energy (GWh)	0	EA - WL
	CRCEP	CRC Energy Percentage of Full SHP	0%	CRCE/EA*100
	CRC	**Cost Recovery Charge (mills/kWh)**	**0**	FARR/(EA*1,000)

Notes:

1. Use Table 8 to calculate applicable value

Narrative CRC Example

<u>STEP ONE</u>: Determine the net balance available in the Basin Fund.

BFBB – Western will forecast the Basin Fund Beginning Balance for the next FY.

BFBB = $85,860,265

BFTB – The Basin Fund Target Balance is based on the applicable tiered percentage or minimum value, of the Basin Fund Beginning Balance derived from the **Table 8** with a minimum BFTB set at $40 million.

BFTB = BFBB less 25%, see **Table 8** tier **iv** (BFBB < 90 million, BFBB > 60 million)

= $85,860,265 – $21,464,066

= $64,395,199

PAR – Projected Annual Revenue is Western's estimate of revenue for the next FY.

PAR = $232,780,000

PAE – Projected Annual Expenses is Western's estimate of expenses for the next FY. The PAE includes all expenses plus non-reimbursable expenses. Just as in the current rate schedule, the new schedule caps non-reimbursable costs at $27 million per year plus an inflation factor. **This limitation is for CRC formula calculation purposes only and is not a cap on actual non-reimbursable expenses.**

PAE = $226,649,066

NR – Net Revenue equals revenues minus expenses.

NR = PAR-PAE

= $232,780,000 -$226,649,066

= $6,130,934

NB – Net Balance is the Basin Fund Beginning Balance plus net revenue**.**

NB = BFBB+NR

= $85,860,265 + $6,130,934

= $91,991,199

<u>STEP TWO</u>: Determine the forecasted energy purchases expenses.

EA – The Sustainable Hydro Power Energy Allocation (From Customer Contracts). This does not include Project Use Customers.

EA = 4,952 (GWh)

HE – Western's forecast of Hydro Energy available during the next FY developed from Reclamation's April 24-month study.

HE = 4,924 (GWh)

FE – Forecasted Energy purchases are the difference between the Sustainable Hydro Power allocation and the forecasted hydro energy available for the next FY, or the anticipated firming purchases for the next year.

FE = EA-HE or anticipated purchases

= 504.33 (GWh, anticipated)

FFC - The forecasted energy price for the next FY per MWh.

FFC = $34.23 per MWh

FX – Forecasted energy purchase power expenses based on the current year, April 24-month study, representing an estimate of the total costs of firming purchases for the coming FY.

FX = FE * FFC * 1000

= 504.33 * $34.23*1000

= $17,263,215.90

<u>STEP THREE</u>: Determine the amount of Funds Available (FA) to expend on firming energy purchases, and then determine additional revenue to be recovered (FARR). The following two formulas will be used to determine FA, <u>the lesser of the two will be used</u>. Funds available shall not be less than zero.

A. <u>Basin Fund Balance Factor (FA1)</u>

If the Net Balance is greater than the Basin Fund Target Balance, then use the value for forecasted energy purchase power expenses. If the net balance is less than the Basin Fund Target Balance, then reduce the value of the Forecasted Energy Purchase Power Expenses by the difference between the Basin Fund Target Balance and the Net Balance.

FA1 = If (NB > BFTB, FX, FX - (BFTB - NB))

= $91,991,199 (NB) is greater than $64,395,199 (BFTB) then:

= $17,263,215.90 (FX)

If the Net Balance is greater than the Basin Fund Target Balance, then **FA1=FX**

If the Net Balance is less than the Basin Fund Target Balance, then **FA1=FX-(BFTB-NB)**

B. Basin Fund Revenue Factor (FA2)

The second factor ensures that we collect enough funds to meet the Basin Fund Target Balance so long as the amount needed does not exceed the forecasted purchase expense (FX):

In the situation when there is no projected revenue:

FA2 = If (NR> -(BFBB - BFTB), FX, FX + NR+(BFBB - BFTB))

= $6,130,934(NR) is greater than ($21,464,066) then:

= $17,263,215.90 (FX)

If the Net Revenue (loss) value does not result in a loss that exceeds the allowable decrease value of the Basin Fund Beginning Balance (-(BFBB - BFTB)), then **FA2=FX**

If the Net Revenue (loss) results in a loss that exceeds the allowable decrease value of the Basin Fund Beginning Balance (-(BFBB - BFTB)), then **FX + NR + (BFBB - BFTB)**

FA – Determine the funds available for purchasing firming energy by using the lesser of FA1 and FA2.

FA1 and FA2 are equal, so:

FA = $17,263,215.90 (FX)

FARR – Calculate the additional revenue to be recovered by subtracting the Funds Available from the forecasted energy purchase power expenses.

FARR = FX-FA

= $17,263,215.90 (FX) - $17,263,215.90 (FA)

= $ 0.00

STEP FOUR: Once the funds available for purchases have been determined, the CRC can be calculated and the Waiver Level (WL) can be determined.

A. Cost Recovery Charge: The CRC will be a charge to recover the additional revenue required as calculated in Step 3. The CRC will apply to all Customers who choose not to request a waiver of the CRC, as discussed below. The CRC equals the additional revenue to be recovered divided by the total energy allocation to all Customers for the FY.

CRC =FARR / (EA*1,000)

= $ 0.00 charge

B. Waiver Level (WL): The Waiver Level provides Customers the ability for Western to reduce purchase power expenses by scheduling less energy than their contractual amounts. Therefore, Western will establish an energy Waiver Level. For those Customers who voluntarily schedule no more energy than their proportionate share of the Waiver Level, Western will waive the CRC for that year.

After the Funds Available has been determined, the Waiver Level will be set at the sum of the energy that can be provided through hydro generation and purchased with Funds Available. The Waiver Level will not be less than the forecasted Hydro Energy.

WL = If (EA < HE, EA, **HE + (FE * (FA / FX)**)

= 4,952 (EA) is not less than 4,924 (HE) then:

= 4,924 (HE) + (504.33 (FE) * ($17,263,215.90 (FA)/ $17,263,215.90 (FX))

= 5,428 (GWh) is the Waiver Level

If SHP Energy Allocation (EA) is less than forecasted Hydro Energy (HE) available, then **WL=EA**

If SHP Energy Allocation (EA) is greater than the forecasted Hydro Energy (HE) available, then **WL = HE + (FE *(FA / FX))**

Trigger for Shortage Criteria

In the event that Reclamation's 24-month study projects that Glen Canyon Dam water releases will drop below 8.23 million acre feet (MAF) in a water year (October through September), Western will recalculate the CRC to include those lower estimates of hydropower generation and the estimated costs for the additional purchase power necessary. Western, as in the yearly projection for the CRC, will give the Customers a 45-day notice to request a waiver of the CRC, if they do not want to have the CRC charge added to their energy bill. This recalculation will remain in effect for the remainder of the current fiscal year.

In the event that hydropower generation returns to 8.23 MAF or higher during the trigger implementation, a new CRC will be calculated for the next month, and the Customer will be notified.

Narrative PYA Discussion

Since the annual determination of the CRC is based upon estimates, an annual prior-year adjustment (PYA) will be calculated. The CRC PYA for subsequent years will be determined by comparing the prior year's estimated firming energy cost to the prior year's actual firming energy cost for the energy provided above the Waiver Level. The PYA will result in an increase or decrease to a Customer's firm energy costs over the course of the following year. See Table 10 below for an example of the PYA

TABLE 10

SAMPLE PYA CALCULATION				
		Description		**Formula**
STEP ONE	**Determine actual expenses and purchases for previous year's firming. This data will be obtained from Western's financial statements at the end of the FY.**			
	PFX	Prior Year Actual Firming Expenses ($)	$30,000,000	Financial Statements
	PFE	Prior Year Actual Firming Energy (GWh)	533	Financial Statements
STEP TWO	**Determine the actual firming cost for the CRC portion.**			
	EAC	Sum of the energy allocations of Customers subject to the PYA (GWh)	2,500	
	FFC	Forecasted Firming Energy Cost – ($/MWh)	55.50	From CRC Calculation
	AFC	Actual Firming Energy Cost – ($/MWh)	56.29	PFX/PFE
	CRCEP	CRC Energy Percentage	7%	From CRC Calculation
	CRCE	Purchased Energy for the CRC (GWh)	354	EAC*CRCEP
STEP THREE	**Determine Revenue Adjustment (RA) and PYA.**			
	RA	Revenue Adjustment ($)	$279,660	(AFC-FFC)*CRCE*1,000
	PYA	**Prior Year Adjustment (mills/kWh)**	**0.11**	(RA/EAC)/1,000

Narrative PYA Example

Narrative PYA Example Only (assumes that a CRC was needed for the previous year)

STEP ONE: Determine actual expenses and purchases for previous year's firming. This data will be obtained from Western's financial statements at end of the FY.

PFX - Prior year actual firming expense

PFX=$30,000,000

PFE - Prior year actual firming energy

PFE=533 GWh

STEP TWO: Determine the actual firming cost for the CRC portion.

EAC - Sum of the energy allocations of Customers who were assessed the CRC for the prior year.

EAC=2,500 GWh

CRCE - The amount of CRC Energy needed

CRCE=EAC*CRCEP
CRCE=2500*.07
CRCE=354 GWh

AFC - The Actual Firming Energy Cost is the PFX divided by the PFE

AFC = (PFX / PFE) /1,000
AFC = ($30,000,000 / 533) / 1,000
AFC = $56.29

STEP THREE: Determine Revenue Adjustment and PYA.

RA – The Revenue Adjustment is Actual Firming Energy Cost less Forecasted Firming Energy Cost times Purchased Energy for the CRC.

RA = (AFC - FFC) * CRCE * 1,000
RA = ($56.29 - $55.50) * 354 * 1,000
RA = $279,660

PYA - The PYA is the Revenue Adjustment divided by the SHP Energy Allocation for the CRC Customers only.

PYA = (RA / EAC) / 1,000
PYA = ($279,660 / 2,500) / 1,000
PYA = .11 mills/kWh

The Customers' PYA will be based on their prior year's energy multiplied by the PYA mills/kWh to determine the dollar value that will be assessed. The Customer will be charged or credited for this dollar amount equally in the remaining months of the next year's billing cycle. Western will complete this calculation by December of each year. Therefore, if the PYA is calculated in December, the charge/credit will be spread over the remaining 9 months of the FY (January through September).

CRC Schedule for Customers

Western will provide its Customers with information concerning the anticipated CRC for each upcoming FY in May. The established CRC will be in effect for the entire FY. Table 11 below displays the time frame for determining the amount of purchases needed, developing Customer's load schedules, and making purchases.

TABLE 11

CRC Schedule

	Respective Dates Under Table 8 Tiers		
Task	**i, ii, and iii**	**iv**	**v**
24-Month Study (Forecast to Model Projections)	April 1	April 1 October 1	Monthly Study
CRC Notice to Customers	May 1	May 1 November 1	Monthly
Waiver Request Submitted by Customers	June 15	Within 45 days	Within 30 days
CRC Effective	October 1	August 1 February 1	Updated Monthly

Note: This schedule does not apply if the CRC is triggered by the Glen Canyon annual releases dropping below 8.23 MAF, as explained under Trigger for Shortage Criteria on pg. 19.

If it is determined during the additional reviews, under tier **iv**, that a CRC is necessary, Customers will be notified that a CRC will be implemented in 90 days. Western will provide its Customers with information concerning the anticipated CRC and give them 45 days to request a waiver or accept the CRC. The established CRC will be in effect for 12 months from the date implemented unless superseded by another CRC.

If it is determined during the additional reviews, under tier **v**, that a CRC is necessary, Customers will be notified that a CRC will be implemented in 60 days. Western will provide its Customers with information concerning the anticipated CRC and give them 30 days to request a waiver or accept the CRC. The established CRC will be in effect for 12 months from the date implemented unless superseded by another CRC.

Rate Schedule SLIP-F10
(Supersedes Schedule SLIP-F9)

UNITED STATES DEPARTMENT OF ENERGY
WESTERN AREA POWER ADMINISTRATION

SALT LAKE CITY AREA INTEGRATED PROJECTS
ARIZONA, COLORADO, NEVADA, NEW MEXICO, UTAH, WYOMING

SCHEDULE OF RATES FOR FIRM POWER SERVICE

Effective:

First day of the first full billing period beginning on or after October 1, 2015, and extending through September 30, 2020, or until superseded by another rate schedule, whichever occurs earlier.

Available:

In the area served by the Salt Lake City Area Integrated Projects.

Applicable:

To the wholesale power Customer for firm power service supplied through one meter at one point of delivery, or as otherwise established by contract.

Character:

Alternating current, 60 hertz, three-phase, delivered and metered at the voltages and points established by contract.

Monthly Rate:

DEMAND CHARGE: $5.26 per kilowatt of billing demand.

ENERGY CHARGE: 12.38 mills per kilowatthour of use.

COST RECOVERY CHARGE: This charge will be recalculated before May of each year and Western will provide notification to the Customers. The charge, if needed, will be placed into effect from October 1 through September 30. If a Shortage Criteria is necessary, the CRC will be re-calculated at that time. (See Shortage Criteria Trigger explanation below.) The CRC will be calculated as follows:

WESTERN HAS THE DISCRETION TO IMPLEMENT A CRC BASED ON THE TIERS BELOW.

TABLE: CRC Tiers

Tier	Criteria, If the BFBB is:	Review
i	Greater than $150 million with an expected decrease below $75 million	Annually
ii	Less than $150 million but greater than $120 million with an expected 50-percent decrease	
iii	Less than $120 million but greater than $90 million with an expected 40-percent decrease	
iv	Less than $90 million but greater than $60 million with an expected 25-percent decrease	Semi-Annual (May / November)
v	Less than $60 million but greater than $40 million with an expected decrease below $40 million	Monthly

TABLE: SAMPLE CRC CALCULATION

		Description	Example	Formula
STEP ONE	**Determine the Net Balance available in the Basin Fund.**			
	BFBB	Basin Fund Beginning Balance ($)	$ 85,860,265	Financial forecast
	BFTB	Basin Fund Target Balance ($)	$ 64,395,199	BFBB – (Tier% *BFBB), or BFTB for Tier i and Tier v[1]
	PAR	Projected Annual Revenue ($) w/o CRC	$ 232,780,000	Financial forecast
	PAE	Projected Annual Expense ($)	$ 226,649,066	Financial forecast
	NR	Net Revenue ($)	$ 6,130,934	PAR - PAE
	NB	Net Balance ($)	$ 91,991,199	BFBB + NR
STEP TWO	**Determine the Forecasted Energy Purchase Expenses.**			
	EA	SHP Energy Allocation (GWh)	4,952	Customer contracts
	HE	Forecasted Hydro Energy (GWh)	4,924	Hydrologic & generation forecast
	FE	Forecasted Energy Purchase (GWh)	504	EA – HE or anticipated
	FFC	Forecasted Avg.Energy Price per MWh ($)	$ 34.23	From commercially available price indices
	FX	Forecasted Energy Purchase Expense ($)	$ 17,262,512	FE * FFC *1000
STEP THREE	**Determine the amount of Funds Available for firming energy purchases, and then determine additional revenue to be recovered. The following two formulas will be used to determine FA, the lesser of the two will be used.**			
	FA1	Basin Fund Balance Factor ($)	$ 17,262,512	If (NB>BFBB,FX,FX -(BFTB - NB))
	FA2	Revenue Factor ($)	$ 17,262,512	If (NR>-(BFBB-BFTB), FX, FX+NR +(BFBB-BFTB))
	FA	Funds Available ($)	$ 17,262,512	Lesser of FA1 or FA2 (not less than $0)
	FARR	Additional Revenue to be Recovered ($)	$ 0	FX - FA
STEP FOUR	**Once the FA for purchases have been determined, the CRC can be calculated, and the WL can be determined.**			
	WL	Waiver Level (GWh)	5428	If (EA<HE,EA,HE+(FE*(FA/FX))), but not less than HE
	WLP	Waiver Level Percentage of Full SHP	110%	WL/EA*100
	CRCE	CRC Energy (GWh)	0	EA - WL
	CRCEP	CRC Energy Percentage of Full SHP	0%	CRCE/EA*100
	CRC	**Cost Recovery Charge (mills/kWh)**	**0**	FARR/(EA*1,000)

Notes: 1- Use CRC Tiers Table to calculate applicable value

Narrative CRC Example

STEP ONE: Determine the net balance available in the Basin Fund.

BFBB – Western will forecast the Basin Fund Beginning Balance for the next FY.

BFBB = $85,860,265

BFTB – The Basin Fund Target Balance is based on the applicable tiered percentage or minimum value, of the Basin Fund Beginning Balance derived from the **CRC Tiers** table with a minimum BFTB set at $40 million.

BFTB = BFBB less 25%, see **Tier iv** (BFBB < 90 million, BFBB > 60 million)

= $85,860,265 – $21,464,066

= $64,395,199

PAR – Projected Annual Revenue is Western's estimate of revenue for the next FY.

PAR = $232,780,000

PAE – Projected Annual Expenses is Western's estimate of expenses for the next FY. The PAE includes all expenses plus non-reimbursable expenses. The PAE includes all expenses plus non-reimbursable expenses, which are capped at $27 million per year plus an inflation factor. **This limitation is for CRC formula calculation purposes only, and is not a cap on actual non-reimbursable expenses.**

PAE = $226,649,066

NR – Net Revenue equals revenues minus expenses.

NR = PAR-PAE

= $232,780,000 -$226,649,066

= $6,130,934

NB – Net Balance is the Basin Fund Beginning Balance plus net revenue.

NB = BFBB+NR

= $85,860,265 + $6,130,934

= $91,991,199

STEP TWO: Determine the forecasted energy purchases expenses.

EA – The Sustainable Hydro Power Energy Allocation (From Customer Contracts). This does not include Project Use Customers.

EA = 4,952 (GWh)

HE – Western's forecast of Hydro Energy available during the next FY developed from Reclamation's April 24-month study.

HE = 4,924 (GWh)

FE – Forecasted Energy purchases are the difference between the Sustainable Hydro Power allocation and the forecasted hydro energy available for the next FY or the anticipated firming purchases for the next year.

FE = EA-HE or anticipated purchases

= 504.33 (GWh, anticipated)

FFC - The forecasted energy price for the next FY per MWh.

FFC = $34.23 per MWh

FX – Forecasted energy purchase power expenses based on the current year, April 24-month study, representing an estimate of the total costs of firming purchases for the coming FY.

FX = FE*FFC*1000

= 504.33 * $34.23*1000

= $17,263,215.90

<u>STEP THREE</u>: Determine the amount of Funds Available (FA) to expend on firming energy purchases, and then determine additional revenue to be recovered (FARR). The following two formulas will be used to determine FA, <u>the lesser of the two will be used</u>. Funds available shall not be less than zero.

A. <u>Basin Fund Balance Factor (FA1)</u>

If the Net Balance is greater than the Basin Fund Target Balance, then use the value for forecasted energy purchase power expenses (FX). If the net balance is less than the Basin Fund Target Balance, then reduce the value of the Forecasted Energy Purchase Power Expenses by the difference between the Basin Fund Target Balance and the Net Balance.

FA1 = If (NB > BFTB, FX, FX - (BFTB - NB))

= $91,991,199 (NB) is greater than $64,395,199 (BFTB) then:

= $17,263,215.90 (FX)

If the Net Balance is greater than the Basin Fund Target Balance, then **FA1=FX**

If the Net Balance is less than the Basin Fund Target Balance, then **FA1=FX-(BFTB-NB)**

B. Basin Fund Revenue Factor (FA2)

The second factor ensures that we collect enough funds to meet the Basin Fund Target Balance so long as the amount needed does not exceed the forecasted purchase expense (FX):

In the situation when there is no projected revenue:

FA2 = If (NR>-(BFBB-BFTB), FX, FX+NR+(BFBB-BFTB))

= $6,130,934(NR) is greater than ($21,464,066) then:

= $17,263,215.90 (FX)

If the Net Revenue (loss) value does not result in a loss that exceeds the allowable decrease value of the Basin Fund Beginning Balance (-(BFBB-BFTB)), then **FA2=FX**

If the Net Revenue (loss) results in a loss that exceeds the allowable decrease value of the Basin Fund Beginning Balance (-(BFBB-BFTB)), then **FX + NR + (BFBB-BFTB)**

FA – Determine the funds available for purchasing firming energy by using the lesser of FA1 and FA2.

FA1 and FA2 are equal, so:

FA = $17,263,215.90 (FX)

FARR – Calculate the additional revenue to be recovered by subtracting the Funds Available from the forecasted energy purchase power expenses.

FARR = FX-FA

= $17,263,215.90 (FX) - $17,263,215.90 (FA)

= $ 0.00

STEP FOUR: Once the funds available for purchases have been determined, the CRC can be calculated and the Waiver Level (WL) can be determined.

C. Cost Recovery Charge: The CRC will be a charge to recover the additional revenue required as calculated in Step 3. The CRC will apply to all Customers who choose not to request a waiver of the CRC, as discussed below. The CRC equals the additional revenue to be recovered divided by the total energy allocation to all Customers for the FY.

CRC =FARR / (EA*1,000)

= $ 0.00 charge

D. Waiver Level (WL): The Waiver Level provides Customers the ability for Western to reduce purchase power expenses by scheduling less energy than their contractual amounts. Therefore, Western will establish an energy Waiver Level. For those Customers who voluntarily schedule no more energy than their proportionate share of the Waiver Level, Western will waive the CRC for that year.

After the Funds Available has been determined, the Waiver Level will be set at the sum of the energy that can be provided through hydro generation and purchased with Funds Available. The Waiver Level will not be less than the forecasted Hydro Energy.

WL = If (EA< HE, EA, **HE + (FE * (FA / FX))**)

= 4,952 (EA) is not less than 4,924 (HE) then:

= 4,924 (HE) + (504.33 (FE) * ($17,263,215.90 (FA) / $17,263,215.90 (FX))

= 5,428 (GWh) is the Waiver Level

If SHP Energy Allocation is less than forecasted Hydro Energy available, then **WL=EA**

If SHP Energy Allocation is greater than the forecasted Hydro Energy available, then **WL=HE+(FE *(FA/FX))**

PRIOR YEAR ADJUSTMENT: The CRC PYA for subsequent years will be determined by comparing the prior year's estimated firming-energy cost to the prior year's actual firming-energy cost for the energy provided above the WL. The PYA will result in an increase or decrease to a Customer's firm energy costs over the course of the following year. The table below is the calculation of a PYA.

PYA CALCULATION			
		Description	**Formula**
STEP ONE	**Determine actual expenses and purchases for previous year's firming. This data will be obtained from Western's financial statements at the end of the FY.**		
	PFX	Prior Year Actual Firming Expenses ($)	Financial Statements
	PFE	Prior Year Actual Firming Energy (GWh)	Financial Statements
STEP TWO	**Determine the actual firming cost for the CRC portion.**		
	EAC	Sum of the energy allocations of Customers subject to the PYA (GWh)	
	FFC	Forecasted Firming Energy Cost – ($/MWh)	From CRC Calculation
	AFC	Actual Firming Energy Cost – ($/MWh)	PFX/PFE
	CRCEP	CRC Energy Percentage	From CRC Calculation
	CRCE	Purchased Energy for the CRC (GWh)	EAC*CRCEP
STEP THREE	**Determine Revenue Adjustment (RA) and PYA.**		
	RA	Revenue Adjustment ($)	(AFC-FFC)*CRCE*1,000
	PYA	**Prior Year Adjustment (mills/kWh)**	(RA/EAC)/1,000

Narrative PYA Calculation

STEP ONE: Determine actual expenses and purchases for previous year's firming. This data will be obtained from Western's financial statements at end of FY.

PFX - Prior year actual firming expense

PFE - Prior year actual firming energy

STEP TWO: Determine the actual firming cost for the CRC portion.

EAC - Sum of the energy allocations of Customers subject to the PYA

CRCE - The amount of CRC Energy needed

AFC - The Actual Firming Energy Cost are the PFX divided by the PFE

AFC=(PFX/PFE)/1,000

STEP THREE: Determine Revenue Adjustment (RA) and Prior Year Adjustment

(PYA).

RA - The Revenue Adjustment is AFC less FFC times CRCE

RA=(AFC-FFC)*CRCE)*1,000

PYA = The PYA is the RA divided by the EAC for the CRC Customers only.

PYA=(RA/EAC)/1,000

The Customer's PYA will be based on their prior year's energy multiplied by the resulting mills/kWh to determine the dollar amount that will be assessed. The Customers will be charged or credited for this dollar amount equally in the remaining months of the next year's billing cycle. Western will attempt to complete this calculation by December of each year. Therefore, if the PYA is calculated in December, the charge/credit will be spread over the remaining 9 months of the FY (January through September).

Shortage Criteria Trigger:

In the event that Reclamation's 24-month study projects that Glen Canyon Dam water releases will drop below 8.23 MAF in a water year (October through September), Western will recalculate the CRC to include those lower estimates of hydropower generation and the estimated costs for the additional purchase power necessary. Western, as in the yearly projection for the CRC, will give the Customers a 45-day notice to request a waiver of the CRC, if they do not want to have the CRC charge added to their energy bill. This recalculation will remain in effect for the remainder of the current FY.

In the event that hydropower generation returns to a 8.23 MAF or higher during the trigger implementation, a new CRC will be calculated for the next month and the Customer will be notified.

Billing Demand:

The billing demand will be the greater of:
1. The highest 30-minute integrated demand measured during the month up to, but not more than, the delivery obligation under the power sales contract, or
2. The Contract Rate of Delivery.

Billing Energy:

The billing energy will be the energy measured during the month up to, but not more than, the delivery obligation under the power sales contract.

Adjustment for Waiver:

Customers can choose not to take the full SHP energy supplied as determined in the attached formulas for CRC, and they will be billed the Energy and Capacity rates listed above, but not the CRC.

Adjustment for Transformer Losses:

If delivery is made at transmission voltage but metered on the low-voltage side of the substation, the meter readings will be increased to compensate for transformer losses as provided in the contract.

Adjustment for Power Factor:

The Customer will be required to maintain a power factor at all points of measurement between 95 percent lagging and 95 percent leading.

Adjustment for Western Replacement Power:

Pursuant to the Contractor's Firm Electric Service Contract, as amended, Western will bill the Contractor for its proportionate share of the costs of Western Replacement Power (WRP) within a given time period. Western will include in the Contractor's monthly power bill the cost of the WRP and the incremental administrative costs associated with WRP.

Adjustment for Customer Displacement Power Administrative Charges:

Western will include in the Contractor's regular monthly power bill the incremental administrative costs associated with Customer Displacement Power.

III. Proposed CRSP Transmission and Ancillary Services Rates

The proposed firm and non-firm transmission rates apply to all transmission-only sales. The present CRSP Point-to-Point, Network, and Non-firm transmission rates, outlined in Rate Schedules SP-PTP7, SP-NW3, and SP-NFT6 became effective on October 1, 2008. On September 6, 2013, the Deputy Secretary of Energy extended the transmission rates until September 30, 2015. The transmission rates include the cost for scheduling, system control, and dispatch service. Western is proposing that these three schedules, re-named (SP-PTP8, SP-NW4, and SP-NFT7), remain in effect for this new ratesetting period. The cost of transmission service for Western's SLCA/IP long-term electric service will continue to be included in the SLCA/IP firm power rate. Transmission services are outlined in Western's Tariff.

Western proposes to change the method it uses to calculate the ATRR to recover transmission expenses and investments on a forward looking rather than a historical basis. The current annual fixed charge formula will continue to be used to determine the revenue requirement to be recovered from firm and non-firm transmission service. The annual transmission revenue requirement includes O&M expenses, administrative and general expenses, interest expense, and depreciation expense. This revenue requirement is offset by appropriate CRSP transmission system revenues.
The change Western proposes will allow it to more accurately match cost recovery with cost incurrence. Western will use projections to estimate transmission costs for the upcoming year in the annual rate calculation. Currently, the rate calculation for a year uses actual data from 2 years prior to that year. For example, FY13 actual financial data was used to calculate the FY15 Transmission rate. Had we used the forward looking rate, we would have used projected data through FY14 for the FY15 rate. When actual cost information for a year becomes available, Western will calculate the actual revenue requirement that will be included as a credit in the ATRR in a subsequent year. Similarly, any under-collection of the revenue requirement will be recovered in a subsequent year. This true-up procedure will ensure that Western recovers no more and no less than the actual transmission costs for the year. For example, as FY 2014 actual financial data becomes available during FY 2015, the under- or over-collection of revenue during FY 2014 can be determined. When the rates are calculated for FY 2016, the implemented rates will include an adjustment for revenue under- or over-collected in FY 2014.

The provisional rate for Non-firm CRSP transmission service is based upon the current CRSP firm Point-to-Point transmission rate and may be discounted. The proposed rate is expressed in dollars and is a maximum of $1.16 per kW-month for FY 2015.

The provisional rate for Network transmission service is a formula calculation based on the annual transmission revenue requirement. There are no changes to the existing network integration transmission service formula under Rate Schedule SP-NW3.

Firm Point-to-Point

The CRSP MC is seeking the continued approval of a rate formula for calculation of the firm Point-to-Point transmission rate to be applied annually. The provisional rate for firm point-to-point transmission service is $1.16 per kW-month for FY 2015.

Western proposes the firm Point-to-Point transmission rate be based on projections on investment, using an annual fixed charge methodology. The annual transmission revenue requirement will continue to be reduced by revenue credits such as non-firm transmission and phase shifter revenues. The resultant net annual transmission revenue requirement will continue to be divided by the capacity reservation needed to meet firm power and transmission-only commitments in kW, including the total network integration loads at system peak. The formula will be updated each year by applying projections on investment and a true-up for any over collection or under collection from the previous FY rate. If needed, a revised rate will become effective October 1 of the new FY. The rate formula is proposed to be effective October 1, 2015, through September 30, 2020.

The cost/kWyear is calculated using the following formula:

(1) ATRR-TRC=NATRR
(2) $\frac{\text{NATRR}}{\text{TSTL}}$

Where:

ATRR = Annual Transmission Revenue Requirement. The costs associated with facilities that support the transfer capability of the CRSP transmission system, excluding generation facilities. These costs include investment costs, interest expenses, depreciation expense, administrative and general expenses, and operation and maintenance expense, including transmission purchases. Transmission purchases reflect those costs associated with CRSP contractual rights.

TRC = Transmission Revenue Credits. The revenues generated by the CRSP transmission system not related to the revenues from the sale of long-term firm transmission.

NATRR = Net Annual Transmission Revenue Requirement. The Annual Revenue Requirement minus Transmission Revenue Credits.

TSTL = CRSP Transmission System Total Load. The sum of the total CRSP transmission capacity under long-term reservation including the total network integration loads at system peak.

Non-Firm Point-to-Point Transmission

The proposed rate for non-firm point-to-point CRSP transmission service is a mills/kWh rate which is based upon the current firm point-to-point rate and may be discounted. This rate will remain in effect concurrently with the firm point-to-point rate and will also be reviewed annually. Transmission availability will be posted on Western's Open Access Same-Time Information System (OASIS).

Network Transmission

The proposed rate for network transmission is a formula calculation based upon the annual revenue requirement then in effect, as determined by the annual fixed charge methodology.

Proposed Unreserved Use Penalty

The proposed rate for Unreserved Use Penalty is 200 percent of the approved CRSP rate for Point-to-Point Transmission service as follows:

(i) The Unreserved Use penalty for a single hour of unreserved use will be based upon the rate for daily firm point-to-point service.

(ii) The Unreserved Use penalty for more than one assessment for a given duration (e.g., daily) will increase to the next longest duration (e.g., weekly).

(iii)The Unreserved Use penalty charge for multiple instances of unreserved use (e.g., more than 1 hour) within a day will be based on the rate for daily firm point-to-point service. Multiple instances of unreserved use isolated to 1 calendar week will result in a penalty based on the charge for weekly firm point-to-point service. The penalty charge for multiple instances of unreserved use during more than 1 week during a calendar month will be based on the rate for monthly firm point-to-point service.

A transmission customer that exceeds its firm reserved capacity at any point of receipt or point of delivery, or an eligible customer that uses transmission service at a point of receipt or point of delivery that it has not reserved will be required to pay, in addition to the Unreserved Use penalties, for all ancillary services identified in Western's Open Access Transmission Tariff based on the amount of transmission service it used and did not reserve.

Proposed Ancillary Services

Six ancillary services will continue to be offered by CRSP MC, two of which are required – these are (1) scheduling, system control, and dispatch service and (2) reactive supply, and voltage control service. The remaining four ancillary services, (3) regulation and frequency response service, (4) energy imbalance service, (5) spinning reserve service, and (6) supplemental reserve service, will also be offered either from the control area or from the CRSP Merchant Function. Sales of regulation and frequency response, energy imbalance, spinning reserve, and supplement reserve services from SLCA/IP power resources are limited since Western has allocated the SLCA/IP power resources to preference entities under long-term commitments. The availability and type of ancillary service will be determined based on excess resources available at the time the services are requested, except for the two ancillary services required to be provided in conjunction with the sale of CRSP transmission services.

The CRSP transmission system lies mostly in the Western Area Colorado Missouri (WACM Balancing) balancing authority and partly in the Western Area Lower Colorado (WALC) balancing authority's operated by Western's Rocky Mountain Region (RMR) and Desert Southwest Region (DSW), respectively. Ancillary services are offered through these balancing authorities.

The provisional rates for ancillary services are designed to recover only the costs associated with providing the service(s). The costs for providing scheduling, system control, and dispatch service are included in the appropriate provisional transmission services rates. However, the charges for reactive supply and voltage control service will be in accordance with the applicable WACM or WALC rate schedule.

Rate Schedule SP-PTP8
(Supersedes Schedule SP-PTP7)

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SCHEDULE OF RATE FOR FIRM POINT-TO-POINT TRANSMISSION SERVICE

Effective:

The first day of the first full billing period beginning on or after October 1, 2015, and extending through September 30, 2020, or until superseded by another rate schedule, whichever occurs earlier.

Available:

In the area served by the Colorado River Storage Project (CRSP) transmission system.

Applicable:

To firm Point-to-Point transmission service Customers for which power and energy are supplied to the CRSP transmission system at points of interconnection with other systems and transmitted and delivered, less losses, to points of delivery on the CRSP transmission system established by contract.

Character and Conditions of Service:

Transmission service for alternating current, 60 hertz, three-phase, delivered and metered at the voltages and points of delivery established by contract.

Point-to-Point Rate Formula:

The firm Point-to-Point rate is based on projections on investments using an annual fixed charge methodology. The annual revenue requirement is reduced by revenue credits. The resultant net annual cost to be recovered is divided by the capacity reservation needed to meet firm power and transmission commitments in kW, including the total network integration loads at system peak, to derive a cost/kWyear. The cost/kWyear is calculated using the following formula:

1. ATRR - TRC = NATRR

2. $\frac{\text{NATRR}}{\text{TSTL}}$

Where:

ATRR = Annual Transmission Revenue Requirement. The costs associated with facilities that support the transfer capability of the CRSP transmission system, excluding generation facilities. These costs include investment costs, interest expense, depreciation expense, administrative and general expenses, and operation and maintenance expenses, including transmission purchases. Transmission purchases reflect those costs associated with CRSP contractual rights.

TRC = Transmission Revenue Credits. The revenues generated by the CRSP transmission system, such as scheduling and dispatch ancillary service revenues and phase shifter revenues, and excluding long-term firm transmission revenues.

NATRR = Net Annual Transmission Revenue Requirement. The Annual Revenue Requirement less Transmission Revenue Credits.

TSTL = CRSP Transmission System Total Load. The sum of the total CRSP transmission capacity under the long-term reservation plus the total network integration loads at system peak.

This formula will be recalculated annually by applying the data from projections on investments and a true-up for any over collection or under collection from the previous FY. If needed, a revised rate will be placed into effect every October 1. Western will provide notification 30 days prior to a revised rate becoming effective. The rate for transmission service includes scheduling, system control, and dispatch. Rate Schedule SP-RS4, or any superseding rate schedule, for reactive supply and voltage control is attached as part of this Rate Schedule and applies to firm point-to-point transmission Customers.

Billing:

The point-to-point transmission Customer will be billed monthly by applying the resulting rate to the maximum amount of capacity reserved, payable whether used or not, except as otherwise provided in existing contracts.

Requirements for Reactive Power:

Requirements for reactive power shall be as established by contract; otherwise, there shall be no entitlement to transfer of reactive kilovolt amperes at delivery points except when such transfers may be mutually agreed upon by the Contractor and the contracting officer or their authorized representatives.

Adjustment for Losses:

Power and energy losses incurred in connection with the transmission and delivery of power and energy under this rate schedule shall be supplied by the Customer as established by contract. If losses are not fully provided by a transmission Customer, charges for financial compensation may apply.

Adjustment for Industry Restructuring:

Any transmission-related costs incurred by Western due to electric industry restructuring or other industry changes associated with providing CRSP transmission service will be passed through to each transmission Customer, as appropriate.

Rate Schedule SP-NW4
(Supersedes Schedule SP-NW3)

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MONTHY CHARGE CALCULATION FOR NETWORK INTEGRATION TRANSMISSION SERVICE

Effective:

The first day of the first full billing period beginning on or after October 1, 2015, and extending through September 30, 2020, or until superseded by another rate schedule, whichever occurs earlier.

Available:

In the area served by the Colorado River Storage Project (CRSP) transmission system.

Applicable:

To network transmission service Customers for which power and energy are supplied to the CRSP transmission system at points of interconnection with other systems and transmitted and delivered, less losses, to points of delivery on the CRSP transmission system established by contract.

Character and Conditions of Service:

Transmission service for alternating current, 60 hertz, three-phase, delivered and metered at the voltages and points of delivery established by contract.

Monthly Network Formula:

The Network integration transmission service charge will be the product of the network Customer's load ratio share times one twelfth (1/12) of the total net annual transmission revenue requirement. The same Net Annual Transmission Revenue Requirement is used in determining the rate for network transmission service as for point-to-point transmission service. It is based on a test year using an annual fixed charge methodology. The test year is the most recent historical data available. The annual revenue requirement is reduced by revenue credits. The formula is as follows:

1. ATRR - TRC = NATRR

2. $\frac{\text{NATRR}}{12}$ X Transmission Customer's Load-Ratio Share

Where:

ATRR = Annual Transmission Revenue Requirement. The costs associated with facilities that support the transfer capability of the CRSP transmission system, excluding generation facilities. These costs include investment costs, interest expense, depreciation expense, administrative and general expenses, and operation and maintenance expenses, including transmission purchases. Transmission purchases reflect those costs associated with CRSP contractual rights.

TRC = Transmission Revenue Credits. The revenues generated by the CRSP transmission system, such as scheduling and dispatch ancillary services revenues and phase shifter revenues, and excluding long-term firm transmission revenues.

NATRR = Net Annual Transmission Revenue Requirement. The Annual Revenue Requirement less Transmission Revenue Credits.

Load-Ratio Share = Network Customer's hourly load (including its designated network load not physically interconnected with Western) coincident with Western's monthly CRSP transmission system peak.

This formula will be recalculated annually by applying the data from the most current historical test year. If needed, a revised rate will be placed into effect every October 1. Western will provide notification 30 days prior to a revised rate becoming effective.

The monthly charge for network transmission service includes scheduling, system control, and dispatch. Rate Schedule SP-RS4, or any superseding rate schedule, will be attached as part of this Rate Schedule and applies to network transmission Customers.

Billing:

Billing determinants for the formula rate above will be as specified in the service agreement.

Requirements for Reactive Power:

Requirements for reactive power shall be as established by contract; otherwise, there shall be no entitlement to transfer of reactive kilovolt amperes at delivery points except when such transfers may be mutually agreed upon by the Contractor and the contracting officer or their authorized representatives.

Adjustment for Losses:

Power and energy losses incurred in connection with the transmission and delivery of power and energy under this rate schedule shall be supplied by the Customer as established by contract. If losses are not fully provided by a transmission Customer, charges for financial compensation may apply.

Adjustment for Industry Restructuring:

Any transmission-related costs incurred by Western due to electric industry restructuring or other industry changes associated with providing CRSP transmission service will be passed through to each transmission Customer, as appropriate.

Rate Schedule SP-NFT7
(Supersedes Schedule SP-NFT6)

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SCHEDULE OF RATE FOR NON-FIRM POINT-TO-POINT, TRANSMISSION SERVICE

Effective:

The first day of the first full billing period beginning on or after October 1, 2015, and extending through September 30, 2020, or until superseded by another rate schedule, whichever occurs earlier.

Available:

In the area served by the Colorado River Storage Project (CRSP) transmission system.

Applicable:

To Non-firm Point-to-Point transmission service Customers for which power and energy are supplied to the CRSP transmission system at points of interconnection with other systems and transmitted and delivered, less losses, to points of delivery on the CRSP transmission system as established by contract.

Character and Conditions of Service:

Transmission service on an interruptible basis for three-phase alternating current 60 hertz, delivered and metered at the voltages and points of delivery specified in the service contract or in advance by the Western Area Power Administration (Western). Conditions for curtailment shall be determined by Western and in accordance with Western's Tariff.

Rate:

The proposed rate for non-firm, point-to-point, CRSP transmission service is based upon the firm point-to-point rate expressed in mills/kWh. This rate may be discounted.

Billing:

The rate will be applied to each kWh delivered at the point of delivery, as specified in the service contract.

Adjustments for Reactive Power:

None. There shall be no entitlement to transfer of reactive kilovolt-amperes at delivery points, except when such transfers may be mutually agreed upon by the Contractor and the contracting officer or their authorized representatives.

Adjustments for Losses:

Power and energy losses incurred in connection with the transmission and delivery of power and energy under this rate schedule shall be supplied by the Customer in accordance with the service contract. If losses are not fully provided by a transmission Customer, charges for financial compensation may apply.

Adjustment for Industry Restructuring:

Any transmission-related costs incurred by Western due to electric industry restructuring or other industry changes associated with providing CRSP transmission service will be passed through to each transmission Customer, as appropriate.

Rate Schedule SP-SD4
(Supersedes Schedule SP-SD3)

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SCHEDULE OF RATE FOR SCHEDULING, SYSTEM CONTROL, AND DISPATCH ANCILLARY SERVICES

Effective:

Beginning on October 1, 2015, and extending through September 30, 2020.

Available:

In the area served by the Colorado River Storage Project (CRSP) transmission system.

Applicable:

To all CRSP transmission Customers receiving this service.

Character of Service:

Scheduling, System Control, and Dispatch service is required to schedule the movement of power through, out of, within, or into a control area.

Rate:

Included in applicable transmission rates.

Rate Schedule SP-RS4
(Supersedes Schedule SP-RS3)

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SCHEDULE OF RATE FOR REACTIVE SUPPLY AND VOLTAGE CONTROL ANCILLARY SERVICE

Effective:

Beginning on October 1, 2015, and extending through September 30, 2020.

Available:

In the area served by the Colorado River Storage Project (CRSP) Transmission system.

Applicable:

To all CRSP transmission Customers receiving this service.

Character of Service:

Reactive power is support provided from generation facilities that is necessary to maintain transmission voltages within acceptable limits of the system.

Rate:

Provided through WALC or WACM under applicable rate schedule.

Rate Schedule SP-EI4
(Supersedes Schedule SP-EI3)

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SCHEDULE OF RATE FOR ENERGY IMBALANCE ANCILLARY SERVICE

Effective:

Beginning on October 1, 2015, and extending through September 30, 2020.

Available:

In the area served by the Colorado River Storage Project (CRSP) transmission system.

Applicable:

To all CRSP transmission Customers receiving this service.

Character of Service:

Provided when a difference occurs between the schedules and the actual delivery of energy to a load located within a control area over a single hour.

Rates:

Provided through WALC or WACM under applicable rate schedule or the Customer can make alternative comparable arrangements to satisfy its Energy Imbalance service obligations.

Rate Schedule SP-FR4
(Supersedes Schedule SP-FR3)

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SCHEDULE OF RATE FOR REGULATION AND FREQUENCY RESPONSE ANCILLARY SERVICE

Effective:

Beginning on October 1, 2015, and extending through September 30, 2020.

Available:

In the area served by the Colorado River Storage Project (CRSP) transmission system.

Applicable:

To all CRSP transmission Customers receiving this service.

Character of Service:

Necessary to provide the continuous balancing of resources, generation and interchange, with load and for maintaining schedules interconnection frequency at sixty cycles per second (60 Hz).

Rate:

The rate will be calculated using the formula below if the CRSP MC has regulation available for sale, if regulation is unavailable from SLCA/IP resources, regulation can be provided through WALC or WACM under the applicable rate schedule.

$$\text{Regulation Service Rate} = \frac{\text{Total Annual Revenue Requirement for Regulation Service}}{\text{Regulation Plant Capacity}}$$

Rate Schedule SP-SSR4
(Supersedes Schedule SP-SSR3)

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SCHEDULE OF RATES FOR SPINNING AND SUPPLEMENTAL RESERVE ANCILLARY SERVICE

Effective:

Beginning on October 1, 2015, and extending through September 30, 2020.

Available:

In the area served by the Colorado River Storage Project (CRSP) transmission system.

Applicable:

To all CRSP transmission Customers receiving this service.

Character of Service:

Spinning Reserve is defined in Schedule 5 of Western Area Power Administration's Open Access Transmission Tariff.

Supplemental Reserve is defined in Schedule 6 of Western Area Power Administration's Open Access Transmission Tariff.

Rate:

The transmission Customer serving loads within the transmission provider's balancing authority must acquire Spinning and Supplemental Reserve services from Western, from a third party, or by self-supply. If the CRSP MC provides these services, the rates under the Western Systems Power Pool contract will apply.

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UNRESERVED USE OF TRANSMISSION SERVICE

Effective:

The first day of the first full billing period beginning on or after October 1, 2015, and extending through September 30, 2020.

Applicable

The Transmission Customer shall compensate Western each month for any unreserved use of the transmission system (Unreserved Use) under the applicable transmission service rates as outlined herein. Unreserved Use occurs when an eligible customer uses transmission service that it has not reserved or a Transmission Customer uses transmission service in excess of its reserved capacity. Unreserved Use may also include a Customer's failure to curtail transmission when requested.

Penalty Rate

The penalty rate for a Transmission Customer that engages in Unreserved Use is 200 percent of Western's approved rate for firm point-to-point transmission service assessed as follows:

(i) The Unreserved Use Penalty for a single hour of Unreserved Use is based upon the rate for daily firm point-to-point service.
(ii) The Unreserved Use Penalty for more than one assessment for a given duration (e.g., daily) increases to the next longest duration (e.g., weekly).
(iii) The Unreserved Use Penalty for multiple instances of Unreserved Use (e.g., more than one hour) within a day is based on the rate for daily firm point-to-point service. Multiple instances of Unreserved Use isolated to one calendar week are based on the rate for weekly firm point-to-point service. The penalty charge for multiple instances of Unreserved Use during more than one week in a calendar month is based on the rate for monthly firm point-to-point service.

A Transmission Customer that exceeds its firm reserved capacity at any point of receipt or point of delivery, or an eligible customer that uses transmission service at a point of receipt or point of delivery that it has not reserved, is required to pay for all ancillary services that were provided with the Unreserved Use. The Customer will pay for ancillary services based on the amount of transmission service it used and did not reserve.

Rate:

The rate for Unreserved Use Penalties is 200 percent of Western's approved rate for firm point-to-point transmission service assessed as described above. Any change to the rate for Unreserved Use Penalties will be listed in a revision to this rate schedule issued under applicable Federal laws, regulations, and policies and made part of the applicable service agreement.

IV. Rate Adjustment Procedure

Background

A public information forum and a public comment forum will be held during the consultation and comment period. At these forums, Western will discuss information contained in these documents and receive comments from interested parties. After the consultation and comment period and a review of oral and written comments, Western's Administrator may develop a provisional firm power rate, and transmission and ancillary services rates. With the concurrence of the Deputy Secretary of the Department of Energy (DOE), the provisional rates may be confirmed, approved, and placed into effect on an interim basis. The provisional rates will be announced to the public along with an explanation of the principal factors leading to the decision. The provisional rates will then be submitted to FERC for final approval.

Public Process

Procedures adopted by DOE give interested parties an opportunity to participate in the development of power and transmission rates. The published procedures for rate adjustments, as amended, are available upon request from the CRSP MC.

An FRN announcing the proposed rate and the consultation and comment period was published on December 9, 2014. The published FRN is enclosed in the appendix of this brochure.

The formal public consultation and comment period will begin with the publication of the FRN and will end 90 days after the publication of the FRN. During this time, interested parties may consult with, and obtain information from, Western representatives about the rate proposals. Interested parties also may examine data in the rate proposal PRS and the smaller projects' PRSs. Copies of the PRS data and other supporting materials are available for public review. Requests for review material can be made by phone, mail or email at:

CRSP Management Center
Western Area Power Administration
150 East Social Hall Avenue, Suite 300
Salt Lake City, UT 84111-1580
Telephone: (801) 524-5493
CRSPMC-RATE-ADJ@wapa.

Public Information & Comment Forums

The Public Information Forum will be held:

January 15, 2015, 11:30 a.m.
Holiday Inn & Suites Salt Lake City Airport West
5001 Wiley Post Way
Salt Lake City, UT 84116

During the Public Information Forum, Western representatives will explain the need for the proposed rate adjustment and answer questions. Questions not answered at the Public Information Forum will be answered in writing at least 15 days before the end of the consultation and comment period. The Public Information Forum will be recorded and transcribed. Copies of the transcript will be available for purchase from the company providing the transcription service. You may also download a copy of the transcript that will be posted via the Web page located at: http://www.wapa.gov/crsp/ratescrsp/WAPA-169.htm.

The Public Comment Forum will be held:

February 5, 2015, 11:30 a.m.
Holiday Inn & Suites Salt Lake City Airport West
5001 Wiley Post Way
Salt Lake City, UT 84116

Interested persons may submit written or oral comments at the Public Comment Forum. As with the Public Information Forum, the Public Comment Forum will be recorded and transcribed. Copies of the transcript will be available for purchase from the company providing the transcription service.

Written Comments

All interested parties may submit written comments to Western any time during the consultation and comment period. Western must receive comments by the end of the consultation and comment period (**March 13, 2015**) to ensure consideration. Comments should be sent to Ms. Lynn C. Jeka, CRSP Manager, at the address above, or by e-mail to CRSPMC-RATE-ADJ@wapa.gov.

Revision of Proposed Rates

During and after the consultation and comment period and the review of oral and written comments, Western may revise the proposed rate(s). If Western's Administrator decides that further public comment on the revised proposed rate(s) should be invited, a second consultation and comment period may be initiated. In that event, one or more additional public meeting(s) may be held. All questions and answers in reference to this rate action will also be posted at the Web page located at: http://www.wapa.gov/crsp/ratescrsp/WAPA-169.htm.

Decision on Proposed or Revised Proposed Rates

Following the end of the consultation and comment period(s), Western's Administrator will develop proposed rates. The Deputy Secretary of the DOE may confirm, approve, and place these rates in effect on an interim basis. The decision and an explanation of the principal factors leading to the determined rates will be announced in the FRN. Western proposes to place the rates in effect on October 1, 2015.

Final Decision on the Rate Adjustment

The Deputy Secretary will submit all information concerning the provisional rate to the Federal Energy Regulatory Commission (FERC) and request approval of the Firm Power rates, Transmission rates and Ancillary Services rates, for the period October 1, 2015, through September 30, 2020. FERC may then confirm and approve the rates permanently, remand them to Western, or disapprove them.

Rate Adjustment Schedule

Table 12 displays the CRSP MC's anticipated schedule for processing the proposed SLCA/IP Firm Power rate, Transmission rates and Ancillary Services rates adjustments.

TABLE 12
CRSP MC's Anticipated
Rate Adjustment Schedule

Procedure	Schedule
Federal Register Notice of Proposed Rate	December 9, 2014
Public Information Forum	January 15, 2015
Public Comment Forum	February 5, 2015
End of Comment Period	March 13, 2015
Publication of Interim Rate	September 1, 2015
Rate Effective	October 1, 2015

V. Legal and Environmental Requirements

Environmental Compliance

In compliance with the National Environmental Policy Act (NEPA) of 1969, 42 U.S.C. 4321, et seq.; the Council on Environmental Quality Regulations for implementing NEPA (40 CFR Part 1500-1508); and DOE NEPA Implementing Procedures and Guidelines (10 CFR Part 1021), Western has determined that this action is categorically excluded from the preparation of an environmental assessment or an environmental impact statement.

VI. Appendices

Glossary of Terms

AFC:	Actual Firming energy Cost.
ATRR:	Annual Transmission Revenue Requirement.
Basin Fund:	Upper Colorado River Basin Fund.
BFBB:	Basin Fund Beginning Balance.
BFTB:	Basin Fund Target Balance.
Capacity:	The electric capability of a generator, transformer, transmission circuit, or other equipment. It is expressed in kW.
Capacity Rate:	The rate which sets forth the charges for capacity. It is expressed in $/kWmonth and applied to each kW delivered to each Customer.
CDP:	Customer Displacement Power.
CME:	Capitalized Movable Equipment.
CRC:	Cost Recovery Charge.
CROD:	Contract Rate of Delivery. The maximum amount of capacity made available to a preference Customer for a period specified under a contract.
CRCE:	CRC Energy (GWh).
CRCEP:	CRC energy percentage of full SHP.
CRSP:	Colorado River Storage Project.
CRSP MC:	The Colorado River Storage Project Management Center.
DOE:	Department of Energy.
DSW:	Desert Southwest Region.

EA:	SHP Energy Allocation + Project Use (GWh).
EMMO:	Energy Management and Marketing Office
Energy Rate:	The rate which sets forth the charges for energy. It is expressed in mills/kWh and applied to each kWh delivered to each Customer.
FA:	Funds Available.
FA1:	Basin Fund Balance Factor.
FA2:	Revenue Factor.
FARR:	Additional Revenue to be recovered.
FE:	Forecasted Purchase Energy.
FERC:	Federal Energy Regulatory Commission.
FFC:	Forecasted Firming Energy Cost.
Firm:	A type of product or service available at the time requested by the Customer.
FRN:	Federal Register Notice.
FX:	Forecasted Energy Purchase Expense.
FY:	Fiscal Year, October 1 to September 30.
GWh:	Gigawatthour – the electrical unit of energy that equals 1 billion watthours or 1 million kWh.
HE:	Forecasted Hydro Energy.
Integrated Projects:	The resources and revenue requirements of the Collbran, Dolores, Rio Grande, and Seedskadee projects blended together with the CRSP to create the SLCA/IP resources and rate.
kW:	Kilowatt – the electrical unit of capacity that equals 1,000 watts.
kWh:	Kilowatthour – the electrical unit of energy that equals 1,000 watts in 1 hour.

kWmonth:	Kilowattmonth – the electrical unit of the monthly amount of capacity.
Load:	The amount of electric power or energy delivered or required at any specified point(s) on a system.
Load-Ratio Share:	Network Customer's hourly load (including its designated network load not physically interconnected with Western) coincident with Western's monthly CRSP transmission system peak.
Mill:	A monetary denomination of the United States that equals one tenth of a cent or one thousandth of a dollar.
MAF:	Million Acre-Feet. The number of gallons of water required to cover 1 million acres, 1 foot in depth.
Mills/kWh:	Mills per kilowatthour – the unit of charge for energy.
MOA	Memorandum of Agreement concerning the Upper Colorado River Basin Fund for Upper Division States to share their apportionment with each other through FY2025. This agreement reduces the impact on the CRSP Firm Power rate by eliminating the collection of power revenue beyond that amount needed to repay the costs for participating irrigation projects.
MW:	Megawatt – the electrical unit of capacity that equals 1 million watts or 1,000 kilowatts.
MWh:	One million watt-hours of electric energy. A unit of electrical energy which equals 1 megawatt of power used for 1 hour.
NATRR:	Net Annual Transmission Revenue Requirement.
NB:	Net Balance.
NEPA:	National Environmental Policy Act of 1969 (42 U.S.C 4321, et seq.).
NR:	Net Revenue. Revenue remaining after paying all annual expenses.
OASIS:	Open Access Same-Time Information System.

O&M:	Operation & Maintenance.
OM&R:	Operation, Maintenance, and Replacement.
PAR:	Projected Annual Revenue ($) w/o CRC.
Participating Projects:	The Dolores and Seedskadee projects participating with CRSP according to the CRSP Act 1956.
PFE:	Prior year actual Firming Energy.
PFX:	Prior year actual Firming expenses.
Pinch Point:	The year in the PRS that requires the greatest amount of revenue.
Power:	Capacity and energy.
Price:	Average price per GWh for purchased power.
Project Use:	Power used to operate SLCA/IP and CRSP facilities under Reclamation Law.
Proposed Rate:	A rate that has been recommended by Western to the Deputy Secretary of DOE for approval.
Proposed Ratesetting PRS:	PRS used for the rate adjustment proposal.
Provisional Rate:	A rate which has been confirmed, approved, and placed into effect on an interim basis by the Deputy Secretary of DOE.
PRS:	Power Repayment Study.
PYA:	Prior Year Adjustment.
RA:	Revenue Adjustment.
Reclamation:	Bureau of Reclamation.
Reclamation Law:	A series of Federal laws. Viewed as a whole, these laws create the originating framework under which Western markets power.
RMR:	Rocky Mountain Region.

Revenue Requirement:	The revenue required to recover O&M expenses, purchased power and transmission service expenses, interest, deferred expenses, and repayment of Federal investments, or other assigned costs.
SHP:	Sustainable Hydro Power (long-term SLCA/IP hydro capacity with energy).
SLCA/IP:	Salt Lake City Area Integrated Projects.
SLIP PRS:	CRSP PRS that includes the Collbran, Dolores, Rio Grande and Seedskadee revenue requirements.
Supporting Documentation:	A book of data that supports this brochure.
TRC:	Transmission Revenue Credits.
TSTL:	Transmission System Total Load.
WACM:	Western Area Colorado Missouri
WALC:	Western Area Lower Colorado
Western:	Western Area Power Administration.
WL:	Waiver Level.
WLP:	Waiver Level Percentage of full SHP.
Work Plan:	An estimate of costs that are expected to become the Congressional Budget for Western and Reclamation.
WRP:	Western Replacement Power.

to seek court review of the Commission's final order.

The Commission strongly encourages electronic filings of comments, protests, and interventions via the internet in lieu of paper. See 18 CFR 385.2001(a) (1) (iii) and the instructions on the Commission's Web site (*www.ferc.gov*) under the ''e-Filing'' link. Persons unable to file electronically should submit original and 5 copies of the protest or intervention to the Federal Energy Regulatory Commission, 888 First Street, NE., Washington, DC 20426.

Dated: December 1, 2014.

Kimberly D. Bose,

Secretary.

[FR Doc. 2014–28761 Filed 12–8–14; 8:45 am]

BILLING CODE 6717–01–P

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Project No. 14241–000]

Alaska Energy Authority; Notice of Revised Restricted Service List for a Programmatic Agreements for Managing Properties Included In or Eligible for Inclusion in the National Register of Historic Places

On February 25, 2014, the Federal Energy Regulatory Commission (Commission) issued notice of a proposed restricted service list for the preparation of a programmatic agreement for managing properties included in, or eligible for inclusion in, the National Register of Historic Places at the Susitna-Watana Hydroelectric Project No. 14241. Rule 2010(d)(1) of the Commission's Rules of Practice and Procedure, 18 CFR 2010(d)(1) (2005), provides for the establishment of such a list for a particular phase or issue in a proceeding to eliminate unnecessary expense or improve administrative efficiency. Under Rule 2010(d)(4), persons on the official service list are to be given notice of any proposal to establish a restricted service list and an opportunity to show why they should also be included on the restricted service list.

On March, 11, 2014, Sharon Corsaro, Concerned Citizen for the Historic District of Talkeetna, Alaska (Talkeetna Historic District), and Robert Gerlach, President of Talkeetna Airmen's Association filed requests to include: Sharon Corsaro, Talkeetna Historic District; Constance Twigg, property owner in the Talkeetna Historic District; and Robert Gerlach, Talkeetna Airmen's Association on the proposed restricted service list.

On March 12, 2014, Van Ness Feldman, LLP (Van Ness) on behalf of the Alaska Energy Authority (AEA) filed a request to include Wayne Dyok, Susitna-Watana Project Manager of AEA and Charles Sensiba of Van Ness, and council for AEA, on the proposed restricted service list.

On May 12, 2014, AEA filed a letter opposing the additions of such persons as Ms. Corsaro, Ms. Twigg, and Mr. Gerlach to the restricted service list because AEA maintains that their particular interests are more broad and non-regulatory in nature and they should not have access to sensitive cultural information that is protected by law from public disclosure.[1] In this regard, we agree with AEA to restrict such sensitive information from individuals who are not associated with the involved agencies and Alaska Native entities.

Under Rule 2010(d)(2), any restricted service list will contain the names of each person on the official service list, or the person's representative, who, in the judgment of the decisional authority establishing the list, is an active participant with respect to the phase or issue in the proceeding for which the list is established. As the proposed licensee for the project, AEA, and their legal representative at Van Ness, have an identifiable interest in issues relating to the management of historic properties at the Susitna-Watana Hydroelectric Project No. 14241. Therefore, AEA's representatives will be added to the restrictive service list. In regards to the representatives associated with the Talkeetna Historic District and Talkeetna Airmen's Association, these additional three individuals will also be added to the restricted service list as they too have identifiable interest in issues relating to the management of historic properties at the Susitna-Watana Hydroelectric Project No. 14241. These interests are: (1) The partial ownership of the Talkeetna Village Air Strip by the Talkeetna Airmen's Association and the preservation and protection of this historic property; and (2) the preservation and protection of the Talkeetna Historic District. However, these three individuals should not receive any information deemed sensitive or confidential in nature that is associated with: (1) data or reports involving archeological finds; or (2) Alaska Native areas, items, or perspectives deemed to be of religious or cultural significance and considered sensitive to one or more the involved Alaska Native entities. Finally, the Bureau of Land Management also needs to have a representative added to the restricted service list because they manage lands within the proposed project's boundary and are participants within the technical work group for cultural resources.

[1] See 16 U.S.C. 470w–3(a); also see 18 CFR 5.2(c).

Accordingly, the restricted service list issued on October 12, 2006, for the Susitna-Watana Hydroelectric Project No. 14241, is revised to add the following persons:

Wayne Dyok or Representative, Susitna-Watana Project Manager, Alaska Energy Authority, 813 West Northern Lights Boulevard, Anchorage, AK 99503.

John Jangela or Representative, Bureau of Land Management, Glennallen Field Office, P.O. Box 147, Mile Post 186.5 Glenn Hwy., Glennallen, AK 99588.

Sharon Corsaro or Representative, Concern Citizen, Historic District of Talkeetna, P.O. Box 255, Hermosa Beach, CA 90254.

Charles Sensiba or Representative, Van Ness Feldman, LLP, 1050 Thomas Jefferson St., NW, Seventh Floor, Washington, DC 20007.

Constance Twigg or Representative, Property Owner, Historic Townsite of Talkeetna, P.O. Box 266, Talkeetna, AK 99676.

Robert Gerlach or Representative, President of the Talkeetna Airman's, Association, P.O. Box 23, Talkeetna, AK 99676.

Dated: December 2, 2014.

Kimberly D. Bose,

Secretary.

[FR Doc. 2014–28759 Filed 12–8–14; 8:45 am]

BILLING CODE 6717–01–P

DEPARTMENT OF ENERGY

Western Area Power Administration

Colorado River Storage Project—Rate Order No. WAPA–169

AGENCY: Western Area Power Administration, DOE.

ACTION: Notice of Proposed Salt Lake City Area Integrated Projects Firm Power Rate and Colorado River Storage Project Transmission and Ancillary Services Rates.

SUMMARY: Western Area Power Administration (Western) is proposing adjustments to the Salt Lake City Area Integrated Projects (SLCA/IP) Firm Power Rate and the Colorado River Storage Project (CRSP) Transmission and Ancillary Services Rates. The SLCA/IP consists of the CRSP, Collbran,

and Rio Grande projects, which were integrated for marketing and ratemaking purposes on October 1, 1987, and two participating projects of the CRSP that have power facilities, the Dolores and Seedskadee projects. The current rates, under Rate Schedules SLIP–F9, SP–PTP7, SP–NW3, SP–NFT6, SP–SD3, SP–RS3, SP–EI3, SP–FR3, and SP–SSR3 will expire September 30, 2015. The proposed rates, under Rate Schedules SLIP–F10, SP–PTP8, SP–NW4, SP–NFT7, SP–SD4, SP–RS4, SP–EI4, SP–FR4, SP–SSR4, and SP–UU1 are scheduled to be placed into effect on an interim basis on October 1, 2015, and will remain in effect through September 30, 2020, or until superseded. These rates will provide sufficient revenue to pay all annual costs, including operation, maintenance, replacements (OM&R), interest expenses, and the required repayment of investment within the allowable period.

Western will prepare a brochure that provides detailed information on the rates and will make it available to all interested parties. Publication of this **Federal Register** notice (FRN) begins the formal process for the proposed rates.

DATES: The consultation and comment period closes on March 13, 2015. Western will present a detailed explanation of the proposed rates at a public information forum to be held on January 15, 2015, 11:30 a.m. MST, in Salt Lake City, Utah. Western will accept oral and written comments at a public comment forum to be held on February 5, 2015, 11:30 a.m. MST, in Salt Lake City, Utah. Western will accept written comments any time during the consultation and comment period.

ADDRESSES: Written comments and requests to be informed of Federal Energy Regulatory Commission (FERC) actions concerning the rates submitted by Western to FERC for approval should be sent to: Ms. Lynn C. Jeka, CRSP Manager, Colorado River Storage Project Management Center, Western Area Power Administration, 150 East Social Hall Avenue, Suite 300, Salt Lake City, UT 84111–1580, telephone (801) 524–6372, email *jeka@wapa.gov* or *CRSPMC–RATE–ADJ@WAPA.GOV.* Western will post information regarding this rate process on its Web page located at: *http://www.wapa.gov/crsp/ratescrsp/WAPA-169.htm.* Western will post official comments received by letter and email to its Web page after the close of the comment period. Western must receive written comments by the end of the consultation and comment period to ensure consideration in Western's decision process. The location of the public information forum and the comment forum is the Holiday Inn & Suites Salt Lake City Airport West, 5001 Wiley Post Way, Salt Lake City, Utah.

FOR FURTHER INFORMATION CONTACT: Mr. Rodney G. Bailey, Power Marketing Manager, Colorado River Storage Project Management Center, Western Area Power Administration, 150 East Social Hall Avenue, Suite 300, Salt Lake City, UT 84111–1580, telephone (801) 524–4007, email *rbailey@wapa.gov.*

SUPPLEMENTARY INFORMATION: The proposed rates for SLCA/IP Firm Power and CRSP Transmission and Ancillary Services will collect annual revenue sufficient to recover annual OM&R expenses, interest expense, irrigation assistance, and capital requirements, ensuring repayment of the project within the cost recovery criteria set forth in DOE Order RA 6120.2.

The Deputy Secretary of Energy approved Rate Schedules SLIP–F9 for SLCA/IP Firm Power and SP–PTP7, SP–NW3, SP–NFT6, SP–SD3, SP–RS3, SP–EI3, SP–FR3, and SP–SSR3 for CRSP Transmission and Ancillary Services on August 1, 2008 [1] for a 5-year period ending on September 30, 2013. The Deputy Secretary of Energy approved Rate Order WAPA–161 [2] on September 6, 2013, extending the rates through September 30, 2015.

Firm Power Rate

Under the current Rate Schedule SLIP–F9, the energy rate is 12.19 mills per kilowatthour (mills/kWh), and the capacity rate is $5.18 per kilowattmonth (kWmonth). The composite rate is 29.62 mills/kWh.

The proposed rates under Rate Schedule SLIP–F10 are intended to become effective October 1, 2015. The revenue requirements for the proposed rates are based on the fiscal year (FY) 2016 work plans for Western and the Bureau of Reclamation (Reclamation). These work plans form the basis for the FY 2016 Congressional budget requests for the two agencies. If available, the FY 2017 work plans will be included in the final rate order submission. The FY 2013 historical financial data are the latest available for the proposed rate. The final rate-setting study will include the FY 2014 historical financial data. As in the current Rate Schedule, Western will determine firming energy purchase expenses by using Reclamation's long-term, median hydrological studies. The August 2014, 24-month study is used for the proposed Rate Order, and the April 2015, 24-month study for the final Rate Order. This reflects the firming purchase power requirements between projected generation and contract obligations for FY 2016–FY 2020. In the existing SLIP–F9 Rate Schedule, $4 million a year is projected in the remaining out years to cover operational costs for the Energy Marketing and Management Office (EMMO) in Montrose, Colorado. The proposed Rate Schedule, SLIP–F10, will include the $4 million for the EMMO operational costs every year, not just the out years. Table 1 below displays the current and proposed Firm Power Rates.

TABLE 1—COMPARISON OF EXISTING AND PROPOSED FIRM POWER RATES

Rate schedule	Existing rate under rate schedule SLIP–F9 effective October 1, 2008	Proposed rate under rate schedule SLIP–F10 effective October 1, 2015	Change (percent)
Base Rate:			
Firm Energy: (mills/kWh)	12.19	12.38	1.6
Firm Capacity: ($kW/month)	5.18	5.26	1.5
Composite Rate: (mills/kWh)	29.62	29.93	1.0

[1] Rate Order No. WAPA–137, 73 FR 52980, September 12, 2008. FERC confirmed and approved the rate schedules on June 19, 2009, under FERC Docket No. EF08–5171–000 (127 FERC ¶ 62,220).

[2] Rate Order No. WAPA–161, 78 FR 56692, September 13, 2013.

Cost Recovery Charge

In setting its firm power rate, Western forecasts generation available from the SLCA/IP units and projects the firming energy purchase expense over the ratesetting period. These firming expense projections are included in the annual revenue requirement of the firm power rate. The volatility of hydropower generation and power prices continue to be a concern for cost-recovery issues for the SLCA/IP. To adequately recover expenses in times of financial hardship, Western will continue to calculate the Cost Recovery Charge (CRC) as in the current Rate Schedule SLIP–F9. The CRC is an additional charge on all sustainable hydropower (SHP) energy deliveries (long-term SLCA/IP hydropower capacity with energy) that may be implemented when, among other things, the Basin Fund's balance is at risk due to low hydropower generation, high prices for firming power, funding for capitalized investments, etc. Western will establish the energy waiver level (WL) per the formulas of the CRC. The WL provides Customers the ability for Western to reduce purchase power expenses by scheduling less energy than their contractual amounts. Customers may choose not to take the full SHP energy supplied using the WL. For those Customers who voluntarily schedule no more energy than their proportionate share of the WL, Western will waive the CRC for that year. The conditions that would trigger the CRC, as well as a more detailed formula methodology of how and when the CRC would apply, will be discussed in detail in the rate brochure and at the public information forum. Western will continue to include a mechanism that allows for re-calculation of the CRC if the annual water release from Glen Canyon Dam falls below 8.23 million acre-feet.

The proposed changes for the CRC will include ''tiers'' to quantify the need for a CRC-based on the balance of the Basin Fund and Western's ability to meet contractual agreements. The CRC will be implemented at the discretion of Western when the Basin Fund's balance meets the criteria in the tiers below. The Basin Fund Beginning Balance (BFBB) determines the applicable tier criteria. The minimum Basin Fund target balance is $40 million. In addition to the current process of an annual review for tiers one through three below and Customer notification in May for the upcoming FY, Western will conduct additional reviews as specified in tiers four and five below that are tailored to meet the urgency for cost recovery:

CRSP has the option to charge or not charge a CRC if the BFBB is:

i. Greater than $150 million with an expected decrease below $75 million.

ii. Less than $150 million but greater than $120 million with an expected 50-percent decrease.

iii. Less than $120 million but greater than $90 million with an expected 40-percent decrease.

iv. Less than $90 million but greater than $60 million with an expected 25-percent decrease, conduct semi-annual reviews in May and November.

v. Less than $60 million but greater than $40 million with an expected decrease below $40 million; conduct monthly reviews.

If it is determined during the additional reviews that a CRC is necessary, Customers will be notified that a CRC will be implemented in 90 days. Western will provide its Customers with information concerning the anticipated CRC and give them 45 days to request a waiver or accept the CRC. The established CRC will be in effect for 12 months from the date implemented.

Proposed Formula Transmission Rate (SP–PTP8)

Western proposes to change the method used to calculate the Annual Transmission Costs to recover transmission expenses and investments on a current basis rather than a historical basis. This will allow Western to more accurately match cost recovery with cost incurrence. Western will use projections to estimate transmission costs and load for the upcoming year in the annual rate calculation. Currently, the rate calculation for a year uses actual data from 2 years prior to that year. This is a change in the manner in which the inputs for the rate are developed, rather than a change to the formula rate itself.

Western will ''true up'' the cost estimates with Western's actual costs. Revenue collected in excess of Western's actual net revenue requirement will be returned to Customers through a credit against rates in a subsequent year. Actual revenues that are less than the net revenue requirement would likewise be recovered in a subsequent year. The ''true-up'' procedure will ensure that Western recovers no more and no less than the actual transmission costs for the year.

Proposed Rate for Regulation and Frequency Response Service (SP–FR4)

The current rate states ''[i]f the CRSP MC has regulation available for sale, the SLCA/IP firm power capacity rate, currently in effect, will be charged. If regulation is unavailable from SLCA/IP resources, the Western Area Lower Colorado or Western Area Colorado Missouri balancing authorities can provide the service, in accordance with their respective rate schedules.'' Western proposes to use a formula-based rate that will more accurately reflect the cost of the Regulation and Frequency Response Service rather than the SLCA/IP firm power capacity rate. The formula will be discussed in detail in the rate brochure and during the Information Forum.

Proposed Rate for Unreserved Use of Transmission Service (SP–UU1)

Western is proposing to migrate from an Unauthorized Use Charge to an Unreserved Use of Transmission Service (Unreserved Use) Rate under the proposed Rate Schedule SP–UU1. Unreserved Use is provided when a transmission customer uses transmission service it has not reserved or exceeds its reserved capacity.

Western proposes that a transmission customer that engages in Unreserved Use be assessed a penalty charge of 200 percent of Western's approved transmission service rate for Firm Point-to-Point transmission service as follows:

(i) The Unreserved Use penalty for a single hour of unreserved use will be based upon the rate for daily firm point-to-point service.

(ii) The Unreserved Use penalty for more than one assessment for a given duration (*e.g.,* daily) will increase to the next longest duration (*e.g.,* weekly).

(iii) The Unreserved Use penalty charge for multiple instances of unreserved use (*e.g.,* more than 1 hour) within a day will be based on the rate for daily firm point-to-point service. Multiple instances of unreserved use isolated to 1 calendar week will result in a penalty based on the charge for weekly firm point-to-point service. The penalty charge for multiple instances of unreserved use during more than 1 week during a calendar month will be based on the rate for monthly firm point-to-point service.

A transmission customer that exceeds its firm reserved capacity at any point of receipt or point of delivery, or an eligible customer that uses transmission service at a point of receipt or point of delivery that it has not reserved will be required to pay, in addition to the Unreserved Use penalties, for all ancillary services identified in Western's Open Access Transmission Tariff based on the amount of transmission service it used and did not reserve.

Proposed Rates for Network Integration Transmission, Non-Firm Point-to-Point Transmission, Scheduling-System Control and Dispatch, Reactive Supply and Voltage Control, Energy Imbalance, and Spinning and Supplemental Reserves (SP–NW4, SP–NFT7, SP–SD4, SP–RS4, SP–EI4, SP–SSR4)

Western is not proposing any formula changes to the existing Rate Schedules for Network Integration Transmission, Non-Firm Point-to-Point Transmission, Scheduling-System Control & Dispatch, Reactive Supply & Voltage Control, Energy Imbalance, and Spinning & Supplemental Reserves.

Legal Authority

The proposed rates constitute a major rate adjustment, as defined by 10 CFR part 903, and Western will hold both a public information forum and a public comment forum. Western will review all timely public comments and make amendments or adjustments to the proposal as appropriate. A final rate schedule will be forwarded to the Deputy Secretary of Energy for approval on an interim basis.

Western is establishing firm electric service rates for SLCA/IP under the Department of Energy Organization Act (42 U.S.C. 7152); the Reclamation Act of 1902 (ch. 1093, 32 Stat. 388), as amended and supplemented by subsequent laws, particularly section 9(c) of the Reclamation Project Act of 1939 (43 U.S.C. 485h(c)); and other acts that specifically apply to the projects involved.

By Delegation Order No. 00–037.00A, effective October 25, 2013, the Secretary of Energy delegated: (1) The authority to develop power and transmission rates to Western's Administrator; (2) the authority to confirm, approve, and place such rates into effect on an interim basis to the Deputy Secretary of Energy; and (3) the authority to confirm, approve, and place into effect on a final basis, to remand, or to disapprove such rates to FERC. Existing DOE procedures for public participation in power rate adjustments (10 CFR part 903) were published on September 18, 1985.

Availability of Information

All brochures, studies, comments, letters, memorandums, and other documents that Western initiates or uses to develop the proposed rates are available for inspection and copying at the Colorado River Storage Project Management Center, 150 East Social Hall Avenue, Suite 300, Salt Lake City, UT. Many of these documents and supporting information are also available on Western's Web page, located at *http://www.wapa.gov/crsp/ratescrsp/WAPA-169.htm.*

Ratemaking Procedure Requirements

Environmental Compliance

In compliance with the National Environmental Policy Act (NEPA) of 1969, 42 U.S.C. 4321–4347; the Council on Environmental Quality Regulations for implementing NEPA (40 CFR parts 1500–1508); and DOE NEPA Implementing Procedures and Guidelines (10 CFR part 1021), Western is in the process of determining whether an environmental assessment or an environmental impact statement should be prepared or if this action can be categorically excluded from those requirements.

Determination Under Executive Order 12866

Western has an exemption from centralized regulatory review under Executive Order 12866; accordingly, no clearance of this notice by the Office of Management and Budget is required.

Dated: December 1, 2014.

Mark A. Gabriel,

Administrator.

[FR Doc. 2014–28866 Filed 12–8–14; 8:45 am]

BILLING CODE 6450–01–P

ENVIRONMENTAL PROTECTION AGENCY

[EPA–HQ–OPPT–2013–0677; FRL–9919–62]

Receipt of Test Data Under the Toxic Substances Control Act

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notice.

SUMMARY: EPA is announcing its receipt of test data submitted pursuant to test rules issued by EPA under the Toxic Substances Control Act (TSCA). As required by TSCA, this document identifies each chemical substance and/or mixture for which test data have been received; the uses or intended uses of such chemical substances and/or mixtures; and describes the nature of the test data received. Each chemical substance and/or mixture related to this announcement is identified in Unit I. under **SUPPLEMENTARY INFORMATION**.

FOR FURTHER INFORMATION CONTACT: *For technical information contact:* Kathy Calvo, Chemical Control Division (7405M), Office of Pollution Prevention and Toxics, Environmental Protection Agency, 1200 Pennsylvania Ave. NW., Washington, DC 20460–0001; telephone number: (202) 564–8089; email address: *calvo.kathy@epa.gov.*

For general information contact: The TSCA-Hotline, ABVI-Goodwill, 422 South Clinton Ave., Rochester, NY 14620; telephone number: (202) 554–1404; email address: *TSCA-Hotline@epa.gov.*

SUPPLEMENTARY INFORMATION:

I. Chemical Substances and/or Mixtures

Information about the following chemical substances and/or mixtures is provided in Unit IV.:

A. Benzenediamine, ar,ar-diethyl-ar-methyl- (Chemical Abstracts Service (CAS) No. 68479–98–1).

B. 2-Oxiranemethanamine, *N*-[4-(2-oxiranylmethoxy)phenyl]-*N*-(2-oxiranylmethyl)- (CAS No. 5026–74–4).

C. Phenol, 2,4-bis(1-methyl-1-phenylethyl)-6-[2-(2-nitrophenyl)diazenyl]- (CAS No. 70693–50–4).

II. Federal Register Publication Requirement

Section 4(d) of TSCA (15 U.S.C. 2603(d)) requires EPA to publish a notice in the **Federal Register** reporting the receipt of test data submitted pursuant to test rules promulgated under TSCA section 4 (15 U.S.C. 2603).

III. Docket Information

A docket, identified by the docket identification (ID) number EPA–HQ–OPPT–2013–0677, has been established for this **Federal Register** document that announces the receipt of data. Upon EPA's completion of its quality assurance review, the test data received will be added to the docket for the TSCA section 4 test rule that required the test data. Use the docket ID number provided in Unit IV. to access the test data in the docket for the related TSCA section 4 test rule.

The docket for this **Federal Register** document and the docket for each related TSCA section 4 test rule is available electronically at *http://www.regulations.gov* or in person at the Office of Pollution Prevention and Toxics Docket (OPPT Docket), Environmental Protection Agency Docket Center (EPA/DC), West William Jefferson Clinton Bldg., Rm. 3334, 1301 Constitution Ave. NW., Washington, DC. The Public Reading Room is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Public Reading Room is (202) 566–1744, and the telephone number for the OPPT Docket is (202) 566–0280. Please review the visitor instructions and additional information about the docket available at *http://www.epa.gov/dockets.*

CRSP Management Center
150 E. Social Hall Avenue, Suite 300
Salt Lake City, UT 84111
Phone: (801) 524-5493
Fax: (801) 524-5017

Contacts

http://www.wapa.gov/crsp/ratescrsp/WAPA-169.htm

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