NEEDLES PUBLIC UTILITY AUTHORITY

POWER COST ADJUSTMENT CALCULATION

23-Oct

UPCOMING PURCHASE PERIOD CALCULATION

Actual Over-Hydro Purchased Kwhr	5,232,226	**
Actual Over-Hydro Purchased Dollars	$200,000	**
Over-Hydro Annual Base Rate Component	$0.0946	
Line Loss Percentage	8.40	
Current Over-Hydro Rate	$0.1399	
Non-Power Expense Rate Component	$0.0242	

Over-Hydro with Line Losses	4,792,719
Over-Hydro Cost/Kwhr	$0.0417
Difference from Base Rate	-$0.0529
Revenue Expected from Base Rate	$453,391
Revenue Difference from Base	$253,391
PCA Fund Adjustment	$52,322
Amount to off set New PCA Fund Balance	**$305,713**

OVER-HYDRO RATE

New Over-Hydro Rate Component	$0.0417
New Over-Hydro Rate	$0.0659

Upcoming Term: November

Total Over-Hydro Kwhr	5,232,226
Total Over-Hydro Purchase + Spot Estimate	$200,000

PREVIOUS PERIOD REVENUE GENERATED

Actual Over-Hydro KWH	5,524,262
Actual Over-Hydro Dollars	$355,128
Over-Hydro Prior Period Rate Power Component	$0.0946

Over-Hydro KWH w/ Line Loss	5,060,224
Over-Hydro Revenue Generated for the Period	$478,697
Revenue Difference from Required	$123,569

PREVIOUS PERIOD REVENUE ACTUAL BASE RATE

Over-Hydro with Line Losses	5,060,224
Over-Hydro Cost/Kwhr	$0.0702
Difference from Base Rate	-$0.0244
Revenue Expected from Base Rate	$478,697
Revenue Difference from Base	123,569

BALANCING FUND

Previous PCA Period Balance	-$1,476,142
PCA Collected	$55,243
** New PCA Fund Balance	-$1,297,330

Previous Period Consumption:
November Over-Hydro Consumption : 5,524,262
Cost:
Term Purchase: $203,227 Spot Purchase: $56,763 Exchanges: $80,429
Transmission & Regulation Cost: (83% over hydro)
Total Over Hydro Costs: $355,128

OCTOBER 2023 Activity

			MWh	MW
Direct Bill	**Term Purchase**	$0.00	0	
Advanced	**Term Purchase**	$203,227.75	3,389	
Advanced	**Spot Purchase**	$56,763.84	1,024	
	Exchanges From WMK/YCWUA	$80,429.85	1,394	
Direct Bill	**Needles PDP**	$50,068.62	1,374	
Direct Bill	**Agua Caliente PDP**	$18,200.00	350	
Advanced	**Oasis Transmission**	$0.00	0	
Direct Bill	**Network Transmission**	$16,500.00		16.49
Direct Bill	**Regulation**	$1,156.15		11.45
	Total Expended	$426,346.21		
	Exchanges to WMK/YCWUA	$0.00	0	
	Net	$426,346.21		
	Total Load	**7,361.46**		
	$/Mw	**$57.92**		

Not Applicable

NEEDLES PUBLIC UTILITY AUTHORITY

23-Nov

POWER COST ADJUSTMENT CALCULATION

UPCOMING PURCHASE PERIOD CALCULATION

Actual Over-Hydro Purchased Kwhr	3,953,390	**
Actual Over-Hydro Purchased Dollars	$250,000	**
Over-Hydro Annual Base Rate Component	$0.0978	
Line Loss Percentage	8.40	
Current Over-Hydro Rate	$0.1399	
Non-Power Expense Rate Component	$0.0242	

Over-Hydro with Line Losses	3,621,305
Over-Hydro Cost/Kwhr	$0.0690
Difference from Base Rate	-$0.0288
Revenue Expected from Base Rate	$354,164
Revenue Difference from Base	$104,164
PCA Fund Adjustment	$39,534
Amount to off set New PCA Fund Balance	**$143,698**

OVER-HYDRO RATE

New Over-Hydro Rate Component	$0.0690
New Over-Hydro Rate	$0.0932

Upcoming Term: December

Total Over-Hydro Kwhr	3,953,390
Total Over-Hydro Purchase + Spot Estimate	$250,000

PREVIOUS PERIOD REVENUE GENERATED

Actual Over-Hydro KWH	5,232,226
Actual Over-Hydro Dollars	$299,792
Over-Hydro Prior Period Rate Power Component	$0.1044

Over-Hydro KWH w/ Line Loss	4,792,719
Over-Hydro Revenue Generated for the Period	$500,360
Revenue Difference from Required	$200,568

PREVIOUS PERIOD REVENUE ACTUAL BASE RATE

Over-Hydro with Line Losses	4,792,719
Over-Hydro Cost/Kwhr	$0.0626
Difference from Base Rate	-$0.0352
Revenue Expected from Base Rate	$468,728
Revenue Difference from Base	168,936

BALANCING FUND

Previous PCA Period Balance	-$1,297,330
PCA Collected	$52,322
** New PCA Fund Balance	-$1,044,440

Previous Period Consumption:
November Over-Hydro Consumption : 5,232,226
Cost:
Term Purchase: $174,880 Spot Purchase: $86,040 Exchanges: $22,083
Transmission & Regulation Cost: (81% over hydro)
Total Over Hydro Costs: $299,792

NOVEMBER 2023 Activity

			MWh	MW
Direct Bill	**Term Purchase**	$0.00	0	
Advanced	**Term Purchase**	$174,880.00	2,560	
Advanced	**Spot Purchase**	$86,040.03	1,702	
	Exchanges From WMK/YCWUA	$22,083.10	321	
Direct Bill	**Needles PDP**	$49,416.98	1,330	
Direct Bill	**Agua Caliente PDP**	$17,576.00	338	
Advanced	**Oasis Transmission**	$0.00	0	
Direct Bill	**Network Transmission**	$20,070.00		11.90
Direct Bill	**Regulation**	$693.06		6.86
	Total Expended	$370,759.17		
	Exchanges to WMK/YCWUA	$0.00	0	
	Net	$370,759.17		
	Total Load	**6,035.38**		
	$/Mw	**$61.43**		

Not Applicable