NEEDLES PUBLIC UTILITY AUTHORITY

24-Jan

POWER COST ADJUSTMENT CALCULATION

UPCOMING PURCHASE PERIOD CALCULATION

Actual Over-Hydro Purchased Kwhr	4,200,000	**
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	3,847,200
Over-Hydro Cost/Kwhr	$0.0650
Difference from Base Rate	-$0.0328
Revenue Expected from Base Rate	$376,256
Revenue Difference from Base	$126,256
PCA Fund Adjustment	$42,000
Amount to off set New PCA Fund Balance	**$168,256**

OVER-HYDRO RATE

New Over-Hydro Rate Component	$0.0650
New Over-Hydro Rate	$0.0892

Upcoming Term: February	
Total Over-Hydro Kwhr	4,200,000
Total Over-Hydro Purchase + Spot Estimate	$250,000

PREVIOUS PERIOD REVENUE GENERATED

Actual Over-Hydro KWH	4,929,678
Actual Over-Hydro Dollars	$307,719
Over-Hydro Prior Period Rate Power Component	$0.1044

Over-Hydro KWH w/ Line Loss	4,515,585
Over-Hydro Revenue Generated for the Period	$471,427
Revenue Difference from Required	$163,708

PREVIOUS PERIOD REVENUE ACTUAL BASE RATE

Over-Hydro with Line Losses	4,515,585
Over-Hydro Cost/Kwhr	$0.0681
Difference from Base Rate	-$0.0297
Revenue Expected from Base Rate	$441,624
Revenue Difference from Base	133,905

BALANCING FUND

	Previous PCA Period Balance	-$889,304
	PCA Collected	$49,296
**	New PCA Fund Balance	-$676,300

Previous Period Consumption:
January Over-Hydro Consumption : 4,929,678
Cost:
Term Purchase: $255,999 Spot Purchase: $34,456.13 Exchanges: $0.00
Transmission & Regulation Cost: (81% over hydro)
Total Over Hydro Costs: $307,719.00

JANUARY 2024 Activity

			MWh	MW
Direct Bill	**Term Purchase**	$0.00	0	
Advanced	**Term Purchase**	$255,999.00	2,976	
Advanced	**Spot Purchase**	$34,456.13	1,745	
	Exchanges From WMK/YCWUA	$0.00	0	
Direct Bill	**Needles PDP**	$49,173.55	1,379	
Direct Bill	**Agua Caliente PDP**	$18,200.00	350	
Advanced	**Oasis Transmission**	$0.00	0	
Direct Bill	**Network Transmission**	$20,500.00		12.50
Direct Bill	**Regulation**	$768.07		7.46
	Total Expended	$379,096.75		
	Exchanges to WMK/YCWUA	$0.00	0	
	Net	$379,096.75		
	Total Load	**6,652.56**		
	$/Mw	**$56.99**		

Not Applicable

NEEDLES PUBLIC UTILITY AUTHORITY

23-Dec

POWER COST ADJUSTMENT CALCULATION

UPCOMING PURCHASE PERIOD CALCULATION

Actual Over-Hydro Purchased Kwhr	4,929,678	**
Actual Over-Hydro Purchased Dollars	$300,000	**
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	4,515,585
Over-Hydro Cost/Kwhr	$0.0664
Difference from Base Rate	-$0.0314
Revenue Expected from Base Rate	$441,624
Revenue Difference from Base	$141,624
PCA Fund Adjustment	$49,297
Amount to off set New PCA Fund Balance	**$190,921**

OVER-HYDRO RATE

New Over-Hydro Rate Component	$0.0664
New Over-Hydro Rate	$0.0906

Upcoming Term: December	
Total Over-Hydro Kwhr	4,929,678
Total Over-Hydro Purchase + Spot Estimate	$300,000

PREVIOUS PERIOD REVENUE GENERATED

Actual Over-Hydro KWH	4,850,140
Actual Over-Hydro Dollars	$357,187
Over-Hydro Prior Period Rate Power Component	$0.1044

Over-Hydro KWH w/ Line Loss	4,442,728
Over-Hydro Revenue Generated for the Period	$463,821
Revenue Difference from Required	$106,634

PREVIOUS PERIOD REVENUE ACTUAL BASE RATE

Over-Hydro with Line Losses	4,442,728
Over-Hydro Cost/Kwhr	$0.0804
Difference from Base Rate	-$0.0174
Revenue Expected from Base Rate	$434,499
Revenue Difference from Base	77,312

BALANCING FUND

Previous PCA Period Balance	-$1,044,440
PCA Collected	$48,501
** New PCA Fund Balance	-$889,304

Previous Period Consumption:

December Over-Hydro Consumption : 4850140

Cost:

Term Purchase: $245,411 Spot Purchase: $94,256.97 Exchanges: $0.00

Transmission & Regulation Cost: (83% over hydro)

Total Over Hydro Costs: $357,187

DECEMBER 2023 Activity

			MWh	MW
Direct Bill	**Term Purchase**	$0.00	0	
Advanced	**Term Purchase**	$245,411.00	2,972	
Advanced	**Spot Purchase**	$94,256.97	1,611	
	Exchanges From WMK/YCWUA	$0.00	0	
Direct Bill	**Needles PDP**	$50,157.48	1,380	
Direct Bill	**Agua Caliente PDP**	$18,200.00	350	
Advanced	**Oasis Transmission**	$0.00	0	
Direct Bill	**Network Transmission**	$20,398.94		11.43
Direct Bill	**Regulation**	$645.39		6.39
	Total Expended	$429,069.78		
	Exchanges to WMK/YCWUA	$0.00	0	
	Net	$429,069.78		
	Total Load	**6,433.26**		
	$/Mw	**$66.70**		

Not Applicable