

# NEEDLES PUBLIC UTILITY AUTHORITY POWER COST ADJUSTMENT CALCULATION

25-Apr

## UPCOMING PURCHASE PERIOD CALCULATION

Actual Over-Hydro Purchased Kwhr	6,476,950	**
Actual Over-Hydro Purchased Dollars	\$300,000	**
Over-Hydro Annual Base Rate Component	\$0.0878	
Line Loss Percentage	8.40	
Current Over-Hydro Rate	\$0.1399	
Non-Power Expense Rate Component	\$0.0242	

Over-Hydro with Line Losses	5,932,886
Over-Hydro Cost/Kwhr	\$0.0506
Difference from Base Rate	-\$0.0372
Revenue Expected from Base Rate	\$520,907
Revenue Difference from Base	\$220,907
PCA Fund Adjustment	\$64,770
Amount to off set New PCA Fund Balance	\$285,677

<b>OVER-HYDRO RATE</b>	
New Over-Hydro Rate Component	\$0.0506
New Over-Hydro Rate	\$0.0748

Upcoming Term: May	
Total Over-Hydro Kwhr	6,476,950
Total Over-Hydro Purchase + Spot Estimate	\$300,000

## PREVIOUS PERIOD REVENUE GENERATED

Actual Over-Hydro KWH	4,532,100
Actual Over-Hydro Dollars	\$107,610
Over-Hydro Prior Period Rate Power Component	\$0.0878

Over-Hydro KWH w/ Line Loss	4,151,404
Over-Hydro Revenue Generated for the Period	\$364,493
Revenue Difference from Required	\$256,883

<b>PREVIOUS PERIOD REVENUE ACTUAL BASE RATE</b>	
Over-Hydro with Line Losses	4,151,404
Over-Hydro Cost/Kwhr	\$0.0259
Difference from Base Rate	-\$0.0619
Revenue Expected from Base Rate	\$364,493
Revenue Difference from Base	256,883

<b>BALANCING FUND</b>	
Previous PCA Period Balance	\$2,302,408
PCA Refunded	-\$90,642
** New PCA Fund Balance	\$2,468,649

Previous Period Consumption:  
Over-Hydro Consumption :  
Cost:  
Term Purchase: \$74,794.79 Spot Purchase: \$0.00 Exchanges: \$17,869.16  
Transmission & Regulation Cost: (48% over hydro)  
Total Over Hydro Costs: \$107,610

## APRIL 2025 Activity

			MWh	MW	
Direct Bill	Term Purchase	\$0.00	0		
Advanced	Term Purchase	\$74,794.79	2,575		
Advanced	Spot Purchase	\$0.00	0		
	Exchanges From WMK/YCWUA	\$17,869.16	581		
Direct Bill	Needles PDP	\$76,797.80	2,475		
Direct Bill	Agua Caliente PDP	\$25,064.00	482		
Advanced	Oasis Transmission	\$0.00	0		
Direct Bill	Network Transmission	\$30,125.76		18.32	Needles Non-Coincidental Peak Load
Direct Bill	Regulation	\$1,250.01		12.26	
	Total Expended	\$225,901.52			
	Exchanges to WMK/YCWUA	\$0.00	0		
	Net	\$225,901.52			
	Total Load	7,741.49			
	\$/Mw	\$29.18			

Not Applicable

Estimated total

Calculated-Direct Billed to Needles