

**NEEDLES PUBLIC UTILITY AUTHORITY**  
**POWER COST ADJUSTMENT CALCULATION**

**UPCOMING PURCHASE PERIOD CALCULATION**

|                                       |           |    |
|---------------------------------------|-----------|----|
| Actual Over-Hydro Purchased Kwhr      | 6,500,000 | ** |
| Actual Over-Hydro Purchased Dollars   | \$350,000 | ** |
| 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            | 5,954,000 |
| Over-Hydro Cost/Kwhr                   | \$0.0588  |
| Difference from Base Rate              | -\$0.0390 |
| Revenue Expected from Base Rate        | \$582,301 |
| Revenue Difference from Base           | \$232,301 |
| PCA Fund Adjustment                    | \$65,000  |
| Amount to off set New PCA Fund Balance | \$297,301 |

**OVER-HYDRO RATE**

|                               |          |
|-------------------------------|----------|
| New Over-Hydro Rate Component | \$0.0588 |
| New Over-Hydro Rate           | \$0.0830 |

Upcoming Term: June  
Total Over-Hydro Kwhr  
Total Over-Hydro Purchase + Spot Estimate

|           |
|-----------|
| 6,500,000 |
| \$350,000 |

**PREVIOUS PERIOD REVENUE GENERATED**

|  |           |
|--|-----------|
| Actual Over-Hydro KWH                        | 5,760,637 |
| Actual Over-Hydro Dollars                    | \$266,428 |
| Over-Hydro Prior Period Rate Power Component | \$0.1044  |

|   |           |
|---|-----------|
| Over-Hydro KWH w/ Line Loss                 | 5,276,743 |
| Over-Hydro Revenue Generated for the Period | \$550,892 |
| Revenue Difference from Required            | \$284,464 |

**PREVIOUS PERIOD REVENUE ACTUAL BASE RATE**

|                                 |           |
|---------------------------------|-----------|
| Over-Hydro with Line Losses     | 5,276,743 |
| Over-Hydro Cost/Kwhr            | \$0.0505  |
| Difference from Base Rate       | -\$0.0473 |
| Revenue Expected from Base Rate | \$516,066 |
| Revenue Difference from Base    | 249,638   |

**BALANCING FUND**

|                             |           |
|-----------------------------|-----------|
| Previous PCA Period Balance | -\$45,078 |
| PCA Collected               | \$44,724  |
| ** New PCA Fund Balance     | \$284,109 |

Previous Period Consumption:  
May Over-Hydro Consumption :  
Cost:  
Term Purchase: \$177,466.50 Spot Purchase: \$0.00 Exchanges: \$77,976.28  
Transmission & Regulation Cost: (72% over hydro)  
Total Over Hydro Costs: \$370,696

# NEEDLES PUBLIC UTILITY AUTHORITY

## POWER COST ADJUSTMENT CALCULATION

### UPCOMING PURCHASE PERIOD CALCULATION

|                                       |           |    |
|---------------------------------------|-----------|----|
| Actual Over-Hydro Purchased Kwhr      | 5,760,637 | ** |
| 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            | 5,276,743 |
| Over-Hydro Cost/Kwhr                   | \$0.0474  |
| Difference from Base Rate              | -\$0.0504 |
| Revenue Expected from Base Rate        | \$516,066 |
| Revenue Difference from Base           | \$266,066 |
| PCA Fund Adjustment                    | \$57,606  |
| Amount to off set New PCA Fund Balance | \$323,672 |

### OVER-HYDRO RATE

|                               |          |
|-------------------------------|----------|
| New Over-Hydro Rate Component | \$0.0474 |
| New Over-Hydro Rate           | \$0.0716 |

|   |           |
|---|-----------|
| Upcoming Term: April                      | 5,760,637 |
| Total Over-Hydro Kwhr                     |           |
| Total Over-Hydro Purchase + Spot Estimate | \$250,000 |

### PREVIOUS PERIOD REVENUE GENERATED

|  |           |
|--|-----------|
| Actual Over-Hydro KWH                        | 4,472,384 |
| Actual Over-Hydro Dollars                    | \$166,200 |
| Over-Hydro Prior Period Rate Power Component | \$0.1044  |

|   |           |
|---|-----------|
| Over-Hydro KWH w/ Line Loss                 | 4,096,704 |
| Over-Hydro Revenue Generated for the Period | \$427,696 |
| Revenue Difference from Required            | \$261,496 |

### PREVIOUS PERIOD REVENUE ACTUAL BASE RATE

|                                 |           |
|---------------------------------|-----------|
| Over-Hydro with Line Losses     | 4,096,704 |
| Over-Hydro Cost/Kwhr            | \$0.0406  |
| Difference from Base Rate       | -\$0.0572 |
| Revenue Expected from Base Rate | \$400,658 |
| Revenue Difference from Base    | 234,457   |

### BALANCING FUND

|                             |           |
|-----------------------------|-----------|
| Previous PCA Period Balance | -\$45,078 |
| PCA Collected               | \$44,724  |
| ** New PCA Fund Balance     | \$261,141 |

Previous Period Consumption:  
 April Over-Hydro Consumption :  
 Cost:  
 Term Purchase: \$75,715.25 Spot Purchase: \$0.00 Exchanges: \$57,432.22  
 Transmission & Regulation Cost: (57% over hydro)  
 Total Over Hydro Costs: \$247,535

# NEEDLES PUBLIC UTILITY AUTHORITY

24-Mar

## POWER COST ADJUSTMENT CALCULATION

### UPCOMING PURCHASE PERIOD CALCULATION

|                                       |           |    |
|---------------------------------------|-----------|----|
| Actual Over-Hydro Purchased Kwhr      | 4,472,384 | ** |
| 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            | 4,096,704 |  |
| Over-Hydro Cost/Kwhr                   | \$0.0610  |  |
| Difference from Base Rate              | -\$0.0368 |  |
| Revenue Expected from Base Rate        | \$400,658 |  |
| Revenue Difference from Base           | \$150,658 |  |
| PCA Fund Adjustment                    | \$44,724  |  |
| Amount to off set New PCA Fund Balance | \$195,381 |  |

|                               |          |
|-------------------------------|----------|
| <b>OVER-HYDRO RATE</b>        |          |
| New Over-Hydro Rate Component | \$0.0610 |
| New Over-Hydro Rate           | \$0.0852 |

|   |           |
|---|-----------|
| Upcoming Term: April                      |           |
| Total Over-Hydro Kwhr                     | 4,472,384 |
| Total Over-Hydro Purchase + Spot Estimate | \$250,000 |

### PREVIOUS PERIOD REVENUE GENERATED

|  |           |
|--|-----------|
| Actual Over-Hydro KWH                        | 5,440,841 |
| Actual Over-Hydro Dollars                    | \$141,383 |
| Over-Hydro Prior Period Rate Power Component | \$0.1044  |

|   |           |
|---|-----------|
| Over-Hydro KWH w/ Line Loss                 | 4,983,810 |
| Over-Hydro Revenue Generated for the Period | \$520,310 |
| Revenue Difference from Required            | \$378,927 |

|   |           |
|---|-----------|
| <b>PREVIOUS PERIOD REVENUE ACTUAL BASE RATE</b> |           |
| Over-Hydro with Line Losses                     | 4,983,810 |
| Over-Hydro Cost/Kwhr                            | \$0.0284  |
| Difference from Base Rate                       | -\$0.0694 |
| Revenue Expected from Base Rate                 | \$487,417 |
| Revenue Difference from Base                    | 346,034   |

|                             |            |
|-----------------------------|------------|
| <b>BALANCING FUND</b>       |            |
| Previous PCA Period Balance | -\$478,414 |
| PCA Collected               | \$54,408   |
| ** New PCA Fund Balance     | -\$45,078  |

Previous Period Consumption:  
 March Over-Hydro Consumption : 5,440,841  
 Cost:  
 Term Purchase: \$75,715.25 Spot Purchase: \$0.00 Exchanges: \$57,432.22  
 Transmission & Regulation Cost: (57% over hydro)  
 Total Over Hydro Costs: \$247,535



**NEEDLES PUBLIC UTILITY AUTHORITY**  
**POWER COST ADJUSTMENT CALCULATION**

**UPCOMING PURCHASE PERIOD CALCULATION**

|                                       |           |    |
|---------------------------------------|-----------|----|
| Actual Over-Hydro Purchased Kwhr      | 5,440,841 | ** |
| 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            | 4,983,810 |
| Over-Hydro Cost/Kwhr                   | \$0.0502  |
| Difference from Base Rate              | -\$0.0476 |
| Revenue Expected from Base Rate        | \$487,417 |
| Revenue Difference from Base           | \$237,417 |
| PCA Fund Adjustment                    | \$54,408  |
| Amount to off set New PCA Fund Balance | \$291,825 |

**OVER-HYDRO RATE**

|                               |          |
|-------------------------------|----------|
| New Over-Hydro Rate Component | \$0.0502 |
| New Over-Hydro Rate           | \$0.0744 |

|   |           |
|---|-----------|
| Upcoming Term: March                      | 5,440,841 |
| Total Over-Hydro Kwhr                     |           |
| Total Over-Hydro Purchase + Spot Estimate | \$250,000 |

**PREVIOUS PERIOD REVENUE GENERATED**

|  |           |
|--|-----------|
| Actual Over-Hydro KWH                        | 4,804,342 |
| Actual Over-Hydro Dollars                    | \$309,599 |
| Over-Hydro Prior Period Rate Power Component | \$0.1044  |

|   |           |
|---|-----------|
| Over-Hydro KWH w/ Line Loss                 | 4,400,777 |
| Over-Hydro Revenue Generated for the Period | \$459,441 |
| Revenue Difference from Required            | \$149,843 |

**PREVIOUS PERIOD REVENUE ACTUAL BASE RATE**

|                                 |           |
|---------------------------------|-----------|
| Over-Hydro with Line Losses     | 4,400,777 |
| Over-Hydro Cost/Kwhr            | \$0.0704  |
| Difference from Base Rate       | -\$0.0274 |
| Revenue Expected from Base Rate | \$430,396 |
| Revenue Difference from Base    | 120,797   |

**BALANCING FUND**

|                             |            |
|-----------------------------|------------|
| Previous PCA Period Balance | -\$676,300 |
| PCA Collected               | \$48,043   |
| ** New PCA Fund Balance     | -\$478,414 |

**Previous Period Consumption:**

February Over-Hydro Consumption : 4,804,342

**Cost:**

Term Purchase: \$175,969.25 Spot Purchase: \$102,840.82 Exchanges: \$19,409.30

Transmission & Regulation Cost: (82% over hydro)

Total Over Hydro Costs: \$375,593

## FEBRUARY 2024 Activity

|             |                          |              | MWh   | MW    |           |
|-------------|--------------------------|--------------|-------|-------|-----------|
| Direct Bill | Term Purchase            | \$0.00       | 0     |       |           |
| Advanced    | Term Purchase            | \$175,969.25 | 2,489 |       |           |
| Advanced    | Spot Purchase            | \$102,840.82 | 1,411 |       |           |
|             | Exchanges From WMK/YCWUA | \$19,409.30  | 667   |       |           |
| Direct Bill | Needles PDP              | \$47,189.01  | 1,245 |       |           |
| Direct Bill | Agua Caliente PDP        | \$16,380.00  | 315   |       |           |
| Advanced    | Oasis Transmission       | \$0.00       | 0     |       |           |
| Direct Bill | Network Transmission     | \$13,142.12  |       | 11.41 | Needles N |
| Direct Bill | Regulation               | \$662.69     |       | 6.37  |           |
|             | Total Expended           | \$375,593.19 |       |       |           |
|             | Exchanges to WMK/YCWUA   | \$0.00       | 0     |       |           |
|             | Net                      | \$375,593.19 |       |       |           |
|             | Total Load               | 5,993.65     |       |       |           |
|             | \$/Mw                    | \$62.67      |       |       |           |

Not Applicable

Estimated total

Calculated-Direct Billed to Needles

## MARCH 2024 Activity

|             |                          |              | MWh   | MW    |
|-------------|--------------------------|--------------|-------|-------|
| Direct Bill | Term Purchase            | \$0.00       | 0     |       |
| Advanced    | Term Purchase            | \$75,715.25  | 1,487 |       |
| Advanced    | Spot Purchase            | \$0.00       | 0     |       |
|             | Exchanges From WMK/YCWUA | \$57,432.22  | 1,972 |       |
| Direct Bill | Needles PDP              | \$74,020.83  | 2,563 |       |
| Direct Bill | Agua Caliente PDP        | \$25,948.00  | 499   |       |
| Advanced    | Oasis Transmission       | \$0.00       | 0     |       |
| Direct Bill | Network Transmission     | \$13,820.00  |       | 11.99 |
| Direct Bill | Regulation               | \$598.22     |       | 5.92  |
|             | Total Expended           | \$247,534.52 |       |       |
|             | Exchanges to WMK/YCWUA   | \$0.00       | 0     |       |
|             | Net                      | \$247,534.52 |       |       |
|             | Total Load               | 6,420.51     |       |       |
|             | \$/Mw                    | \$38.55      |       |       |

Not Applicable

## APRIL 2024 Activity

|             |                          |              | MWh   | MW    |
|-------------|--------------------------|--------------|-------|-------|
| Direct Bill | Term Purchase            | \$0.00       | 0     |       |
| Advanced    | Term Purchase            | \$115,968.00 | 2,160 |       |
| Advanced    | Spot Purchase            | \$0.00       | 0     |       |
|             | Exchanges From WMK/YCWUA | \$41,314.82  | 1,419 |       |
| Direct Bill | Needles PDP              | \$72,717.55  | 2,475 |       |
| Direct Bill | Agua Caliente PDP        | \$25,064.00  | 482   |       |
| Advanced    | Oasis Transmission       | \$0.00       | 0     |       |
| Direct Bill | Network Transmission     | \$13,400.00  |       | 16.57 |
| Direct Bill | Regulation               | \$1,061.31   |       | 10.51 |
|             | Total Expended           | \$269,525.68 |       |       |
|             | Exchanges to WMK/YCWUA   | \$0.00       | 0     |       |
|             | Net                      | \$269,525.68 |       |       |
|             | Total Load               | 7,086.52     |       |       |
|             | \$/Mw                    | \$38.03      |       |       |

Not Applicable

## MAY 2024 Activity

|             |                          |              | MWh   | MW    |           |
|-------------|--------------------------|--------------|-------|-------|-----------|
| Direct Bill | Term Purchase            | \$0.00       | 0     |       |           |
| Advanced    | Term Purchase            | \$177,466.50 | 3,762 |       |           |
| Advanced    | Spot Purchase            | \$0.00       | 0     |       |           |
|             | Exchanges From WMK/YCWUA | \$77,976.28  | 2,678 |       |           |
| Direct Bill | Needles PDP              | \$74,020.83  | 2,563 |       |           |
| Direct Bill | Agua Caliente PDP        | \$25,948.00  | 499   |       |           |
| Advanced    | Oasis Transmission       | \$0.00       | 0     |       |           |
| Direct Bill | Network Transmission     | \$13,820.00  |       | 20.56 | Needles N |
| Direct Bill | Regulation               | \$1,464.30   |       | 14.50 |           |
|             | Total Expended           | \$370,695.91 |       |       |           |
|             | Exchanges to WMK/YCWUA   | \$0.00       | 0     |       |           |
|             | Net                      | \$370,695.91 |       |       |           |
|             | Total Load               | 9,065.65     |       |       |           |
|             | \$/Mw                    | \$40.89      |       |       |           |

Not Applicable

Estimated total

Calculated-Direct Billed to Needles