

NEEDLES PUBLIC UTILITY AUTHORITY

ANNUAL BASE RATE CALCULATION SPREADSHEET - FY 2025/2026

MUST MANUALLY CALCULATE SHEET (F9)

Basic Service Charge for New Rate Year

\$38.28

PV Non-Power Carry Forward

-\$427,977

Asset Replacement Fund Target

\$1,028,724

Total - Non Power Related Expenses

\$6,251,016

Power Supply with Line Losses

Total Power Supply - Sales KWHRS

92,106,380

Power Supply - Winter Hydro

5,648,978

Power Supply - Summer Hydro

14,886,560

Power Supply - Total Hydro

20,535,538

Power Supply - Non Hydro

71,570,842

Hydro Allotment/Cust

376
709

Power Supply Expenses

Total Power Purchased

\$4,829,714

Power Supply - Winter Hydro

\$272,350

Power Supply - Summer Hydro

\$557,974

Power Supply - Non Hydro

\$3,999,390

Cost Per Kwhr

\$0.0524
\$0.0482
\$0.0375
\$0.0559

Revenue From Other Than Power Sold

Basic Service Charge

\$1,378,496

Other Revenue

\$76,000

Total Non-Power Revenue

\$1,454,496

Total Expenses

Non-Power Related Expenses

\$6,251,016

Total Power Cost

\$4,829,714

Total Operating Expense

\$11,080,730

Cost Per Kwhr

\$0.0524

Rate Calculations

Rate For Non-Power Related Expenses

\$4,596,519

Winter Hydro Sales - (Oct - Feb)

\$272,350

Summer Hydro Sales - (Mar - Sept)

\$557,974

Over Hydro Allotment Sales

\$3,999,390

California Energy Efficiency Program

\$200,000

Cost Per Kwhr

0.0499
0.0482
0.0375
0.0559

Bill Rate Per Kwhr

0.0981
0.0874
0.1058
0.0022

Use this rate for PCA Annual Base Rate for power purchased.

Type	Size	KWh	Current Rate	Proposed Rates (2.9%) COLA
Decorative	100	43	\$ 22.39	\$ 23.04
Sodium	100	43	\$ 22.39	\$ 23.04
Sodium	200	85	\$ 26.57	\$ 27.34
Sodium	400	171	\$ 35.12	\$ 36.14
LED	38	16	\$ 19.71	\$ 20.28

Streetlights

NEEDLES PUBLIC UTILITY AUTHORITY

ANNUAL BASE RATE CALCULATION SPREADSHEET - FY 2026/27

EXPENSES

DOLLARS

O & M ⁶	\$3,728,211
Taxes*	\$20,000
Purchase Payment	\$251,648.00
Trustee Fee	\$30,879.00
Conservation Program*	\$14,667.00
Debt Service	\$682,350.00
City of Needles "Fair Share" Fee	\$722,513.00
California Energy Efficiency Program*	\$200,000.00
PY Non-Power Rate Component	\$0.0923
Power Supply Total ¹	\$4,829,714.00
Power Supply, Hydro - Winter ²	\$272,350.00
Power Supply, Hydro - Summer ³	\$557,974.00
Other Income* not adjusted for utt	\$76,000.00
Basic Service Charge PY	\$37.20
Asset Replacement Fund PY	\$999,732.00

KWHR

Power Supply Total ¹	109,390,000
Power Supply, Hydro - Winter ²	6,709,000
Power Supply, Hydro - Summer ³	17,680,000
PY Estimated Power Sales	90,157,801
PY Actual Power Sold	94,794,601

PERCENT

JUNE CPI %	2.90
Line Loss %	15.80
Number of Customers	3001

US West

3 year average line loss using
the Electric Database
calculation.

Proposed**Sample Winter Bill - (Oct - Feb)**

Line	Decription	KWH	Cost/KWH	Total
1	Basic Service Charge			\$38.28
2	Winter Hydro Allotment Useage	376	0.0981	\$36.94
3	Above Hydro Usage	500	0.0958	\$47.90
4	CA Energy Efficiency Program	876	0.0022	\$1.90
Total Electric Bill Charge				\$125.02

Sample Summer Bill - (Mar - Sept)

Line	Decription	KWH	Cost/KWH	Total
1	Basic Service Charge			\$38.28
2	Sumer Hydro Allotment	709	0.0874	\$61.93
3	Above Hydro Usage	2000	0.0958	\$191.60
4	CA Energy Efficiency Program	2709	0.0022	\$5.88
Total Electric Bill Charge				\$297.69

Previous**Sample Winter Bill - (Oct - Feb)**

Line	Decription	KWH	Cost/KWH	Total
1	Basic Service Charge			\$32.39
2	Winter Hydro Allotment Useage	401	0.0818	\$32.80
3	Above Hydro Usage	500	0.1159	\$57.95
4	CA Energy Efficiency Program	901	0.0023	\$2.07
Total Electric Bill Charge				\$125.21

Sample Summer Bill - (Mar - Sept)

Line	Decription	KWH	Cost/KWH	Total
1	Basic Service Charge			\$39.39
2	Sumer Hydro Allotment	754	0.0704	\$53.08
3	Above Hydro Usage	2000	0.1159	\$231.80
4	CA Energy Efficiency Program	2754	0.0023	\$6.33
Total Electric Bill Charge				\$330.61

Difference	-\$32.92
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