

# NEEDLES PUBLIC UTILITY AUTHORITY

## ANNUAL BASE RATE CALCULATION SPREADSHEET - FY 2025/2026

**MUST MANUALLY CALCULATE SHEET (F9)**

Basic Service Charge for New Rate Year

	\$37.20
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PV Non-Power Carry Forward

	-\$191,131
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Asset Replacement Fund Target

	\$566,912
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Total - Non Power Related Expenses

	\$5,892,994
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Power Supply with Line Losses

Total Power Supply - Sales KWHs

	90,084,120
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Power Supply - Winter Hydro

	5,637,240
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Power Supply - Summer Hydro

	14,851,200
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Power Supply - Total Hydro

	20,488,440
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Power Supply - Non Hydro

	69,595,680
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Power Supply Expenses

Total Power Purchased

	\$5,525,470
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Power Supply - Winter Hydro

	\$251,381
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Power Supply - Summer Hydro

	\$526,594
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Power Supply - Non Hydro

	\$4,747,495
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Cost Per Kwhr

	\$0.0613
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	\$0.0446
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	\$0.0355
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	\$0.0682
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Revenue From Other Than Power Sold

Basic Service Charge

	\$1,339,572
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Other Revenue

	\$54,000
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Total Non-Power Revenue

	\$1,393,572
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Total Expenses

Non-Power Related Expenses

	\$5,892,994
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Total Power Cost

	\$5,525,470
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Total Operating Expense

	\$11,418,464
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Cost Per Kwhr

	\$0.0613
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Rate Calculations

Rate For Non-Power Related Expenses

	\$4,299,422
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Winter Hydro Sales - (Oct - Feb)

	\$251,381
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Summer Hydro Sales - (Mar - Sept)

	\$526,594
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Over Hydro Allotment Sales

	\$4,747,495
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California Energy Efficiency Program

	\$200,000
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Cost Per Kwhr

	0.0477
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	0.0446
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	0.0355
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	0.0682
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Hydro Allotment/Cust

	376
	707

Type	Size	KWh	Current Rate	Proposed Rate	Streetslights
Decorator	100	43	\$11.74	\$	22.39
Sodium	100	43	\$8.62	\$	22.39
Sodium	200	85	\$14.58	\$	26.57
Sodium	400	171	\$27.15	\$	35.12
LED	38	16	\$4.24	\$	19.71

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

Bill Rate Per Kwhr

	0.0923
	0.0832
	0.1159
	0.0022

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

Line	Decription	KWH	Cost/KWH	Total
1	Basic Service Charge			\$37.20
2	Winter Hydro Allotment Usage	376	0.0923	\$34.68
3	Above Hydro Usage	1000	0.1159	\$115.94
4	CA Energy Efficiency Program	1376	0.0022	\$3.05
Total Electric Bill Charge				\$190.88

**Sample Summer Bill - (Mar - Sept)**

Line	Decription	KWH	Cost/KWH	Total
1	Basic Service Charge			\$37.20
2	Sumer Hydro Allotment	707	0.0832	\$58.81
3	Above Hydro Usage	1500	0.1159	\$173.91
4	CA Energy Efficiency Program	2207	0.0022	\$4.90
Total Electric Bill Charge				\$274.82

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

Line	Decription	KWH	Cost/KWH	Total
1	Basic Service Charge			\$32.39
2	Winter Hydro Allotment Usage	401	0.0818	\$32.80
3	Above Hydro Usage	1000	0.1423	\$142.30
4	CA Energy Efficiency Program	1401	0.0023	\$3.22
Total Electric Bill Charge				\$210.71

**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	1500	0.1423	\$213.45
4	CA Energy Efficiency Program	2254	0.0023	\$5.18
Total Electric Bill Charge				\$311.11

Difference	-\$36.29
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# NEEDLES PUBLIC UTILITY AUTHORITY

## ANNUAL BASE RATE CALCULATION SPREADSHEET - FY 2025/26

### EXPENSES

	DOLLARS
O & M <sup>6</sup>	\$3,630,066
Taxes*	\$21,488
Purchase Payment	\$251,648.00
Trustee Fee	\$15,134.00
Conservation Program*	\$16,667.00
Debt Service	\$682,351.00
City of Needles "Fair Share" Fee	\$699,859.00
California Energy Efficiency Program*	\$200,000.00
PY Non-Power Rate Component	\$0.0409
Power Supply Total <sup>1</sup>	\$5,525,470.00
Power Supply, Hydro - Winter <sup>2</sup>	\$251,381.00
Power Supply, Hydro - Summer <sup>3</sup>	\$526,594.00
Other Income* not adjusted for utt	\$54,000.00
Basic Service Charge PY	\$36.22
Asset Replacement Fund PY	\$552,008.00

### KWHR

Power Supply Total <sup>1</sup>	107,243,000
Power Supply, Hydro - Winter <sup>2</sup>	6,711,000
Power Supply, Hydro - Summer <sup>3</sup>	17,680,000
PY Estimated Power Sales	85,484,672
PY Actual Power Sold	90,157,801

### PERCENT

JUNE CPI %	2.70
Line Loss %	16.00
Number of Customers	3001

US West

3 year average line loss using  
the Electric Database  
calculation.