

# Solutions for Arizona's Schools

Schools are the foundation of our communities. We're here to help you manage your accounts and energy costs.

You've got enough to think about, so we make it simple to manage your APS account. From energy-saving solutions to ways to meet your sustainability goals, you have options. You'll even find many no- and low-cost resources for teachers and families. Below are just some of the ways we're here to help Arizona's schools.

## CONVENIENT WAYS TO MANAGE YOUR ACCOUNT

### My Account

- Access your account 24/7 at [aps.com/myaccount](https://aps.com/myaccount).
- Review, download and compare your usage.
- View billing history and make payments.

### Alerts & Notifications

- Sign up for text or email alerts at [aps.com/alerts](https://aps.com/alerts).
- Get a notification when there is an outage in your area.
- Set a bill amount or usage threshold and be notified when you've reached it.

### Mobile App

- Pay your bill on the go, monitor your usage and view or report outages.

### Billing & Payment Options

- Never miss a payment with AutoPay and have a more predictable bill with Budget Billing.
- Manage your cash flow with Preferred Due Date.
- Reduce clutter with Paperless Billing.

## FAMILY BILL ASSISTANCE AND CLASSROOM SUPPORT

### Assistance for Qualified Households

- Energy Support program offers a 25% discount on monthly bills.
- Crisis Bill Assistance offers temporary help of up to \$800 a year. Visit [aps.com/assistance](https://aps.com/assistance).

### Teacher & Student Support

- Grants for teachers and K-12 classroom STEM projects.
- APS power plant tours, classroom speakers and post-secondary college scholarships.

## OPTIONS TO MANAGE YOUR ENERGY COSTS

### Rebates

- Make equipment upgrades more affordable.
- See list of rebates on reverse side.

### No-Cost & Low-Cost Energy Savings

- Visit [aps.com/k12tips](https://aps.com/k12tips) for tips you can start using today.
- Find webinars and in-person events to increase your energy IQ at [aps.com/training](https://aps.com/training).

### Service Plans

- Explore our two time-of-use service plans with on-peak hours that align with school operations.
- Sign up to receive our monthly bill discount for schools.
- Purchase Green Choice energy to support your sustainability initiatives.

### Advanced Rooftop Control (ARC) Pilot

#### (Pre-application Required)

- Receive \$300/ton for retrofitting rooftop units with advanced controls and a new VSD.
- Earn \$75/ton when adding new outside air economizers with an ARC project.
- Receive \$0.25/sq ft when adding advanced controls with an ARC project.

### Free Energy Assessments

- Receive a free energy assessment to identify energy-saving opportunities and potential rebates.
- Participate in a 12-point inspection of your HVAC packaged and split units where the rebate will be paid directly to the contractor.



Now available ▶ Pre-application required ◀

HVAC EQUIPMENT		
Equipment	Rebate	Bonus efficiency/ton
▶ Water-cooled chiller — 299 tons or less ◀	\$5.25/ton	See application
▶ Water-cooled chiller — 300 tons or more ◀	\$7.50/ton	
▶ Air-cooled chiller — 149 tons or less ◀	\$5.25/ton	
▶ Air-cooled chiller — 150 tons or more ◀	\$7.50/ton	
PTAC & PTHP	\$24/ton	\$10/ton
Ductless mini split	\$10/kBtu/h	N/A
HVAC EC fan motor	\$300/hp	N/A
HVAC quality install — phase 1	\$180/ton	N/A
HVAC quality install — phase 2 — duct seal	\$225/ton	\$15/ton
Computer Room Air Conditioner (CRAC)	\$45/kBtu/h	N/A
Ultrasonic humidification	\$450/kW	N/A

▶ ENERGY MANAGEMENT SYSTEMS ◀		
Replacing pneumatic/ non-programmable thermostat	Tier 1	\$0.20/sq ft
	Tier 2	\$0.30/sq ft
Replacing digital EMS/ programmable thermostat	Tier 1	\$0.10/sq ft
	Tier 2	\$0.20/sq ft

VARIABLE SPEED DRIVES (\$/hp)	
Chilled water pump	\$70
Condenser water pump	\$40
Domestic water pump	\$50
HVAC fan	\$70
Blower	\$70
Cooling tower fan	\$35
Chiller compressor	\$35
Process motor	\$35
Air compressor	\$70
Refrigeration compressor	\$50
Refrigeration fan	\$70
Pool pump	\$70
Other	\$50

STANDARD HVAC PACKAGED/ SPLIT AC & HP (\$/kBtu/h)		
Size	CEE tier	Rebate
Unitary air conditioner < 760 kBtu/h	Tier 1	\$2
	Tier 2	\$3
	Advanced tier	\$4
Unitary heat pump < 760 kBtu/h	Tier 1	\$2
	Tier 2	\$3
Units ≥ 760 kBtu/h	Custom rebate	

LIGHTING CONTROLS	
▶ Lighting EMS ◀	\$0.10/sq ft
<b>Demand response lighting control</b>	<b>\$0.10/sq ft</b>
<b>Occupancy sensor</b>	<b>\$20/sensor</b>

LIGHTING RETROFIT*	
Linear LED: 2-ft, 3-ft, 4-ft, 8-ft	\$3/lamp
LED non-reflector bulb	\$2.25/lamp
LED reflector bulb	\$6/lamp
LED MR-16	\$6/lamp
LED exit sign	\$15/sign
<b>Smart screw-in LED</b>	<b>\$6/bulb</b>
<b>Flat panel 2x2, 2x4 LED</b>	<b>\$15/fixture</b>
<b>Regular to smart 2x2, 2x4 LED</b>	<b>\$5/fixture</b>
<b>Fluorescent to smart 2x2, 2x4 LED</b>	<b>\$20/fixture</b>
<b>Interior high bay to LED ≤ 100W</b>	<b>\$20/fixture</b>
<b>Interior high bay to LED &gt; 100W, &lt; 200W</b>	<b>\$25/fixture</b>
<b>Interior high bay to LED ≥ 200W</b>	<b>\$45/fixture</b>
Outdoor LED ≤ 50W	\$20/fixture
Outdoor LED > 50W, < 300W	\$35/fixture
Outdoor LED ≥ 300W	\$50/fixture
Delamping T8: 2-ft, 3-ft	\$2.50/lamp removed
Delamping T8: 4-ft, 8-ft	\$5/lamp removed

REFRIGERATION	
Beverage machine controller	\$100/unit
Snack machine controller	\$50/unit
Reach-in cooler control	\$100/unit
Anti-sweat heater control	\$12/linear ft
Floating-head pressure control	\$20/ton
Strip curtains	\$5/linear ft
Automatic door closer	\$40/door
Evaporator EC fan motor	\$100/motor
Efficient condenser	\$20/ton
Efficient compressor	\$60/ton
Refrigerated case LED with motion sensor	\$30/lamp
Refrigerated case LED without motion sensor	\$25/lamp

HVAC CONTROLS	
Programmable thermostat	\$20/thermostat
Smart thermostat	\$60/thermostat
Networked thermostat	\$195/thermostat
Hotel occupancy sensor	\$55/sensor
<b>CO2 sensor</b>	<b>\$200/sensor</b>
<b>Air-side economizer</b>	<b>\$50/ton</b>
Cool control	\$70/device

\*Integral lamp or fixture must appear on ENERGY STAR® Qualified Products List or other lists for Option A. If not, reference Option B in specifications sheet.

LIMITED TIME OFFER HVAC PACKAGED OR SPLIT AC & HP* (\$/kBtu/h)					
Size	Tier 1		Tier 2		AC Advanced Tier
	AC	HP	AC	HP	
Single phase < 65 kBtu/h	\$8	\$8	\$14	\$14	\$26
Three phase < 65 kBtu/h	\$9	\$7	\$9	\$8.50	\$13
Three phase ≥ 65 kBtu/h/ ≤ 135 kBtu/h	\$9	\$7	\$9	\$7.50	\$13
Three phase ≥ 135 kBtu/h/ < 240 kBtu/h	\$9	\$7.50	\$9	\$12	\$13
Three phase ≥ 240 kBtu/h/ ≤ 760 kBtu/h	\$9	\$7.50	\$9	\$14	\$13
Cap of \$10,000 per unit					

\*Limited Time Offer HVAC Packaged/Split AC & HP measure rebates are available to assist with the replacement of failed/failing units. Contact the Solutions for Business program team for details on this limited time offer.

▶ TECHNICAL ASSISTANCE ◀	
New construction energy modeling	50% of cost, up to \$10,000
ENERGY STAR® benchmarking	50% of cost, up to \$250/facility
Energy study	50% of cost, up to \$5,000, implementation required for full payment
Retro-commissioning study	\$0.02/kWh annual savings, plus \$0.18/kWh for Summer peak hours (June-September, weekdays, 3 p.m.- 8 p.m.), up to 75% of the cost or \$100,000

MISCELLANEOUS	
CPM software	\$8/computer
Additional receiver for compressed air	\$20/hp
Zero loss condensate drain	\$230/drain
Heat pump water heater	\$200-\$250/unit
Shade screen	\$2/sq ft
High-performance window & glass door	\$0.50/sq ft
<b>High frequency battery charger</b>	<b>\$275/charger</b>
<b>Thermal energy storage HVAC</b>	<b>\$30/ton-hour</b>
<b>Thermal energy storage refrigerated/freezer space</b>	<b>\$350/ton</b>

▶ CUSTOM MEASURES ◀	
\$0.02/kWh annual savings, plus \$0.18/kWh for Summer peak hours (June-September, weekdays, 3 p.m.-8 p.m.), up to 75% of the cost	

WATER SOURCE HEAT PUMPS (\$/kBtu/h)		
Size	Tier 1	Tier 2
<b>WSHP water to air &lt; 17 kBtu/h</b>	<b>\$2</b>	<b>\$3</b>
<b>WSHP water to air ≥ 17 kBtu/h &amp; &lt; 65 kBtu/h</b>	<b>\$2</b>	<b>\$3</b>
<b>WSHP water to air ≥ 65 kBtu/h &amp; &lt; 135 kBtu/h</b>	<b>\$2</b>	<b>\$3</b>
<b>WSHP water to water &lt; 135 kBtu/h</b>	<b>\$2</b>	<b>\$3</b>

ENERGY INFORMATION SERVICES	
100% of setup costs, up to \$12,000	

NEW CONSTRUCTION	
▶ Whole building ◀	\$0.02/kWh annual savings, plus \$0.18/kWh for Summer peak hours (June-September, weekdays, 3 p.m.-8 p.m.), up to 75% of the cost
Lighting power density	\$0.35/watt reduced