



## Rate Structure Information for Time-of-Use Pricing

### What We're Doing

Pecan Street is studying the rate at which consumers will shift their energy use:

- toward cheaper, cleaner, wind-powered energy during the five windiest months of the year and
- away from peak hours when electricity use is at its highest (and most expensive to the utility)

These rates are purely hypothetical. A small group of Pecan Street Project participants receive actual credits based on their home's energy use during these events; other participants will only see the shifts in time-of-use pricing through their online energy portals.

### Experimental Wind Pricing

Wind pricing applies only during March, April, May, November and December. Its rate is calculated using the following equation:

Customer charge + Baseline price + Low wind price + Surcharge

- The **Customer charge** is a \$10 flat rate.
- The **Baseline price** is the same as Austin Energy's rate, and is applied only to consumption during non-wind (10 p.m. – 6 a.m.) hours:
  - Up to 500 kWh: \$0.06454/kWh
  - 501–1,000 kWh: \$0.10254/kWh
  - 1,001–1,500 kWh: \$0.11854/kWh
  - 1,501–2,500 kWh: \$0.13054/kWh
  - 2,501 kWh and greater: \$0.14254/kWh
- The **Low wind price** is applied to consumption during wind hours:
  - \$0.0265/kWh
- The **Surcharge** is a single price based on total monthly consumption and is applied to consumption during non-wind hours:
  - Up to 500 kWh: \$0.018/kWh
  - 501–1,000 kWh: \$0.020/kWh
  - 1,001–1,500 kWh: \$0.021/kWh
  - 1,501–2,500 kWh: \$0.022/kWh
  - 2,501 kWh and greater: \$0.023/kWh



## Experimental Critical Peak Pricing

High critical peak price is applied up to 15 days per year to consumption during June, July, August and September. Its rate is calculated using the following equation:

Customer charge + Baseline price + High critical peak price – Discount

- The **Customer charge** is a \$10 flat rate.
- The **Baseline price** is the same as Austin Energy's rate, and is applied only to consumption during non-critical peak (4 p.m. – 7 p.m.) hours:
  - Up to 500 kWh: \$0.07954/kWh
  - 501–1,000 kWh: \$0.12654/kWh
  - 1,001–1,500 kWh: \$0.13754/kWh
  - 1,501–2,500 kWh: \$0.15654/kWh
  - 2,501 kWh and greater: \$0.16054/kWh
- The **High critical peak price** is applied to consumption during critical peak hours only on selected days of the year:
  - \$0.64/kWh
- The **Discount** is a single price based on total monthly consumption and is applied to consumption during non-critical peak hours:
  - Up to 500 kWh: –\$0.019/kWh
  - 501–1,000 kWh: –\$0.017/kWh
  - 1,001–1,500 kWh: –\$0.016/kWh
  - 1,501–2,500 kWh: –\$0.015/kWh
  - 2,501 kWh and greater: –\$0.014/kWh