The Arcturus database includes information from pricing pilots and deployments from around the globe.

Arcturus houses data from 60+ residential pricing pilots:

- The data span nearly 350 time-varying pricing treatments including simple time-of-use (TOU) rates, critical-peak pricing rates (CPP), variable-peak pricing rates (VPP) and peak-time rebates (PTR).
- 57 utilities across nine countries and four continents.
- Additional details:
  - Duration of peak period
  - Number of participating customers
  - Opt-in / opt-out enrollment
  - Season
  - Duration
Data from nine countries, two provinces, and 23 states are in Arcturus.

<table>
<thead>
<tr>
<th>Country</th>
<th>States/Provinces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>British Columbia, Ontario</td>
</tr>
<tr>
<td>United States</td>
<td>AZ, CA, CO, CT, DC, FL, ID, IL, KS, MA, MD, MI, MO, ND, NJ, NM, NV, OH, OK, OR, PA, VT, WA</td>
</tr>
</tbody>
</table>

Notes: For confidentiality, one Asian utility is not included in the above map.
Arcturus provides compelling evidence that customers respond to price changes.

Pilots feature a combination of rate designs (TOU, CPP, PTR, and VPP), with different peak to off-peak price ratios.
A meta analysis quantifies the relationship between demand response and price ratios, with and without enabling technology.
References
