

Appendix 1. Criteria for Categorizing Utilities into Tiers Based on Policy Cases

| Residential | Policy Cases | | | | | | | |
|--|---|-------------------------------|-------------------------------|----------|-------------------------------|----------|-------------------------------|-------------------------------|
| | Option | Benchmarking | | | Demand Response | | | |
| | | Standard Access | Tier 2 | Tier 1 | Standard Access | Tier 2 | Tier 1 | |
| Delivery of data | Mail | At least one of these. | | | At least one of these. | | | |
| | Online in easily downloadable and machine-readable formats including Energy Service Provider Interface (ESPI) | | At least one of these. | X | | | At least one of these. | At least one of these. |
| | Online as PDF, directly visible on a web page, or similar forms | | | | | | | |
| | In-home through a home area network, dedicated device, or mobile app | | | | | | | X* |
| Time-period (any combination of delivery modes that satisfy these requirements) | Last month | At least one of these | X | X | At least one of these. | X | X | |
| | Last 13 months | | X | X | | | X | X |

| | | | | | | | | |
|--------------------------|---|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---|-------------------------------|---|
| | Since last bill | | | | | | X | |
| | Last 24 months | | | X | | | | |
| Frequency of data | Less than 15-minute increments with reporting delay | At least one of these. | At least one of these. | At least one of these. | At least one of these. | | At least one of these. | |
| | Less than 15-minute increments without reporting delay. | | | | | | | |
| | 15-minute increments | | | | | | | |
| | Hourly | | | | | | | |
| | Daily | | | | | X | | |
| | Monthly | | | | | X | | |
| | Less frequently than monthly | | | | | | | |
| Access to data | Customer | At least one of these. | X | X | At least one of these. | X | X | |
| | Available to authorized third party with fee | | At least one of these. | | | | At least one of these. | |
| | Available to authorized third party without fee | | | X | | | | X |
| | Third-party access via separate account | | | X | | | | X |

| | | | | | | | |
|--|---|-------------------------------|-------------------------------|----------|-------------------------------|-------------------------------|----------|
| Consumption Data (kWh) | | | | X | | | X |
| Demand Data (kW) | | | | | | | X |
| Commercial | Policy Cases | | | | | | |
| | Option | Benchmarking | | | Demand Response | | |
| | | Standard Access | Tier 2 | Tier 1 | Standard Access | Tier 2 | Tier 1 |
| Delivery of data | Mail | At least one of these. | | | At least one of these. | | |
| | Online in easily downloadable and machine-readable formats including Energy Service Provider Interface (ESPI) | | At least one of these. | X | | At least one of these. | X |
| | Online as PDF, directly visible on a web page, or similar forms | | | | | | |
| | In-building through a building area network, dedicated device, or mobile app | | | | | | |
| Time-period (any combination of delivery modes that satisfy these | Last month | At least one of | X | | At least one of | X | X |

| | | | | | | | |
|--|---|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------|-------------------------------|
| requirements) | | these. | | | these. | | |
| | Last 13 months | | X | X | | X | X |
| | Since last bill | | | | | | X |
| | Last 24 months | | | X | | | |
| Frequency of data (any combination of delivery modes that satisfy these requirements) | Less than 15-minute increments with reporting delay | At least one of these. | At least one of these. | At least one of these. | At least one of these. | | At least one of these. |
| | Less than 15-minute increments without reporting delay. | | | | | | |
| | 15-minute increments | | | | | | |
| | Hourly | | | | | | X |
| | Daily | | | | | X | X |
| | Monthly | | | X | | X | X |
| | Less frequently than monthly | | | | | | |
| Access to data | Customer | At least one of these. | X | X | At least one of these. | X | X |
| | Available to authorized third party with fee | | At least one of | At least one of | | At least one of | At least one of |

| | | | | | | | |
|--|---|----------|---------------|---------------|----------|---------------|---------------|
| | Available to authorized third party without fee | | these. | these. | | these. | these. |
| | Third-party access via separate account | | | X | | | X |
| Consumption Data (kWh) | | X | X | X | X | X | X |
| Demand Data (kW) | | | | | X | X | X |
| Aggregated data from multiple tenants | | | | X | | | X |

*indicates requirement is for “delivery of data” criteria only (not for policy case of Demand Response/Energy Efficiency)