

XE Note: Columns H through N are hidden for ease of matching/viewing data availability to requested data.

No.	Use Case Description		What Data is Desired/Needed				
	Submitted by:	Requestor (Who wants the data):	Use Case Type/Category	Describe the Data (kWh, Therms, Participants, etc.)	Data Interval and Frequency (interval, monthly, annual, etc.)	Granularity (describe the categories/subtotals/data breakdowns)	Is the data available from the Utilities in the format currently maintained? (Xcel Energy)
1	FE	Real Estate Agents	Single Family Home sale	kWh; therms; cost	Average annual monthly data	individual building and/or meter	Yes. XE maintains usage data by individual meter.
2	FE	Real Estate Agents	Multi-family/Commercial building sale	kWh; therms; cost;	Monthly & average annual data each year	individual building; may include multiple meters	Yes/No. XE maintains usage data by meter. Address data is not maintained to capture building-specific location- so yes, if the building has one meter; no, if more than one meter.
3	FE	Real Estate Agents	Multi-family/Commercial rental	kWh; therms; cost	Monthly & average annual data each year	per customer account; individual unit	Yes/No. XE maintains usage data by individual meter, so if one meter = one customer/unit, yes; otherwise, no.
4	FE	Neighborhood Assoc/Community Group	Neighborhood Energy Use Assessment	kWh; therms; program participation data	Monthly & Average annual data each year	Multiple buildings within parameters of determined boundaries (i.e., neighborhood-wide, county-wide, etc.); likely broken down by customer type	No. XE maintains usage data by meter. Address data is not maintained to capture buildings or geo-political boundaries (neighborhood).
5	FE	Homeowner or potential homeowner(?)	Single Family Home Assessment	kWh; therms; cost	Average annual monthly data	individual building and/or meter	Yes/No. XE maintains usage data by individual meter, so if one meter = one customer/unit, yes; otherwise, no.
6	MEEA	Building Professional - Architect or Engineer	New Building Design / Construction	kWh; Therms; Cost; Monthly / Annual Energy use in kBtus	Average annual monthly data	By Building type and size (sqft); Compare using individual building type, single/multiple meter	Usage data: XE maintains usage data by meter. Address data is not maintained to capture building-specific location. So, yes, if the building has one meter; no, if more than one meter. Other data: XE does not maintain building type, size or other attribute info, nor kBtus.
7	MEEA	Building Professional - Architect or Engineer	Existing Building Retrofit	kWh; Therms; Cost; Monthly / Annual Energy use in kBtus	Average annual monthly data	By Building type and size (sqft); Compare using individual building type, single/multiple meter	Usage data: XE maintains usage data by meter. Address data is not maintained to capture building-specific location. So, yes, if the building has one meter; no, if more than one meter. Other data: XE does not maintain building type, size or other attribute info, nor kBtus.
8	MEEA	Non-Profit and/or MN Dept of Labor and Industry	Energy Code Compliance Study	kWh; Therms; Cost, Emissions; Total Annual Energy use in kBtus	Average annual monthly data;	By Building Type and size (sqft); Compare using individual building type, can be by individual or aggregated buildings/meters	Usage data: XE maintains usage data by meter. Address data is not maintained to capture building-specific location. So, yes, if the building has one meter; no, if more than one meter. Other data: XE does not maintain building type, size or other attribute info, nor kBtus or emissions.
9	USGBC MN	Non Profit Program Manager (example ULI Regional Indicators Program)	Energy Benchmarking of a City (residential and commercial/ industrial)	All energy converted to kBtu's	Monthly consumption data	Ideally separate data for Residential, Public Buildings and Commercial/Industrial	Yes/No. XE maintains usage data by meter. Address data is not maintained to capture building-specific locations or attributes. So, yes, if citywide data by rate class; no, if by building within the city. Also do not maintain 'public' building identifier, nor kBtus.
10	USGBC MN	Public Housing Authority	Benchmarking existing portfolio for 1) identifying savings opportunities 2) commissioning of improvements/early notification of equipment problems and bill spikes, 3) developing utility allowance	kWh and therms	monthly data (benchmarking, savings opportunities, equipment performance), annual data (adequate for utility allowances)	whole building	Yes/No. XE maintains usage data by meter. Address data is not maintained to capture building-specific location. So, yes, if the building has one meter; no, if more than one meter.

XE Note: Columns H through N are hidden for ease of matching/viewing data availability to requested data.

No.	Use Case Description		What Data is Desired/Needed				Is the data available from the Utilities in the format currently maintained? (Xcel Energy)
	Submitted by:	Requestor (Who wants the data):	Use Case Type/Category	Describe the Data (kWh, Therms, Participants, etc.)	Data Interval and Frequency (interval, monthly, annual, etc.)	Granularity (describe the categories/subtotals/ data breakdowns)	
11	USGBC MN	Multi Building Manager/Owner	Benchmarking multi-tenant Commercial building with separate tenant meters	kWh, Therms, MMBTU, Ton-Hours - other common utility energy consumption units	Monthly consumption data - updated monthly	No subcategories	Yes/No. XE maintains usage data by meter. Address data is not maintained to capture building-specific location. So, yes, if the building has one meter; no, if more than one meter. No MMBTU; no Ton-hours. Not clear what 'other common utility units' are, as MMBTU and ton-hours are not common to utility usage/billing data.
12	CEE	Research	Building	kWh, therms, participants; includes pre and post analysis of the retrofitted measure	monthly or annual data, updated one time or at specific intervals for statistical analysis	By customer type/ rate class	Yes/No. XE maintains usage data by meter with an associated rate class. Address data is not maintained to capture building-specific location. So, yes, if the building has one meter; no, if more than one meter.
13	CEE	Research	Neighborhood	kWh, therms, participants	monthly or annual data, updated one time or at specific intervals for statistical analysis	By customer type/ rate class	No. XE maintains usage data by meter with an associated rate class. Address data is not maintained to capture buildings or geo-political boundaries (neighborhood).
14	CEE	Research	Geographic Area within a utility service territory	kWh, therms, participants	monthly or annual data, updated one time or at specific intervals for statistical analysis	By customer type/ rate class	No. XE maintains usage data by meter with an associated rate class. Address data is not maintained to capture buildings or geo-political boundaries (neighborhood).
15	CEE	Research	Customer Segment	kWh, therms, participants	monthly or annual data, updated one time or at specific intervals for statistical analysis	rate class	Yes, if at total system/utility level. XE maintains usage by individual meter with an associated rate class.
16	CEE	Policy Development	Building	kWh, therms, participants	monthly or annual data, updated one time or at specific intervals for statistical analysis	By customer type/ rate class	Yes/No. XE maintains usage data by meter with an associated rate class. Address data is not maintained to capture building-specific location. So, yes, if the building has one meter; no, if more than one meter.
17	CEE	Policy Development	Neighborhood	kWh, therms, participants	monthly or annual data, updated one time or at specific intervals for statistical analysis	By customer type/ rate class	No. XE maintains usage data by meter with an associated rate class. Address data is not maintained to capture buildings or geo-political boundaries (neighborhood).
18	CEE	Policy Development	Geographic Area within a utility service territory	kWh, therms, participants	monthly or annual data, updated one time or at specific intervals for statistical analysis	By customer type/ rate class	No. XE maintains usage data by meter with an associated rate class. Address data is not maintained to capture buildings or geo-political boundaries (neighborhood).
19	CEE	Policy Development	Customer Segment	kWh, therms, participants	monthly or annual data, updated one time or at specific intervals for statistical analysis	rate class	Yes, if at total system/utility level. XE maintains usage by individual meter with an associated rate class.
20	CEE	Third-Party	Building - single tenant	kWh, therms, participants, participant address/premise number	monthly or annual data, updated one time or at specific intervals for statistical analysis	By customer type/ rate class/SIC code	Yes if by rate class. XE maintains usage by individual meter with an associated rate class.
21	CEE	Third-Party	Neighborhood	kWh, therms, participants	monthly or annual data, updated one time or at specific intervals for statistical analysis	By customer type/ rate class	No. XE maintains usage data by meter with an associated rate class. Address data is not maintained to capture buildings or geo-political boundaries (neighborhood).
22	CEE	Third-Party	Geographic Area within a utility service territory	kWh, therms, participants	monthly or annual data, updated one time or at specific intervals for statistical analysis	By customer type/ rate class	No. XE maintains usage data by meter with an associated rate class. Address data is not maintained to capture buildings or geo-political boundaries (neighborhood).
23	CEE	Third-Party	Customer Segment	kWh, therms, participants	monthly or annual data, updated one time or at specific intervals for statistical analysis	rate class	Yes, if at total system/utility level. XE maintains usage by individual meter with an associated rate class.

XE Note: Columns H through N are hidden for ease of matching/viewing data availability to requested data.

No.	Use Case Description		What Data is Desired/Needed				
	Submitted by:	Requestor (Who wants the data):	Use Case Type/Category	Describe the Data (kWh, Therms, Participants, etc.)	Data Interval and Frequency (interval, monthly, annual, etc.)	Granularity (describe the categories/subtotals/data breakdowns)	Is the data available from the Utilities in the format currently maintained? (Xcel Energy)
24	CEE	Third-Party	Multi-family/tenant building	kWh, therms, participants	Monthly & average annual data each year	per customer account; total building (potentially multiple meters)	Yes/No. XE maintains usage data by meter. Address data is not maintained to capture buildings. So, yes, if the building has one meter; no, if more than one meter.
25	MPLS	Local government (City or County)	Community Energy Use Assessment or Greenhouse Gas Inventory	kWh; therms; emissions factor; program participation information	Annual data, each year	Citywide data, broken down by census block group and customer type	Yes/No. XE maintains usage data by individual meter with an associated rate class. Address data is not maintained to capture buildings or geo-political boundaries (census block). So, yes, if citywide by rate class; no, if by census block or other customer 'type.'
26	MPLS	Local government (City or County)	Public building benchmarking	kWh; therms; emissions factor;	Monthly data	By meter and aggregated by building	Yes/No. XE maintains usage data by meter. Address data is not maintained to capture buildings. So, yes, if the building has one meter; no, if more than one meter.
27	XE	Individual Customer	Billed Usage History	kWh, KW, KVAR, Therms	Monthly billing data for 12-36 mo period	Individual customer	Yes. XE maintains usage data by individual meter.
28	XE	Individual Customer	Realtime Usage	KWh, KW, KVAR, Therms	Interval on a realtime or near-realtime basis	Individual customer/process	Yes. XE maintains usage data by individual meter.
29	XE	Individual Customer	Detailed Billed Usage	KWh, KW, KVAR	Interval on a monthly basis	Individual customer or process	Yes. XE maintains usage data by individual meter.
30	XE	Individual Customer	Payment History	Payment amounts owed and paid	Monthly billing data for 12-36 mo period	Individual customer	Yes. XE maintains usage data by individual meter.
31	XE	Individual Customer	Service Verification	Dates of service at a specific premise/address	One-time	Individual customer	Yes. XE maintains usage data by individual meter.
32	XE	Individual Customer	Credit Reference	Credit/payment history for the most recent 12 month period starting the day of request	One-time	Individual customer	Yes. XE maintains usage data by individual meter.
33	XE	Individual Customer	Gas or Electric Service	Findings of natural gas leak calls, outage/electric disruption, or other G/E service-related matter	One-time	Individual customer	Yes. XE maintains usage data by individual meter.
34	XE	Individual Customer	Current Payment (EDI/Elec Billing)	Current Billing Amount Due and Due Date	Monthly, ongoing	Individual customer	Yes. XE maintains usage data by individual meter.
35	XE	Individual Customer	Energy Assistance Agency	Billed Usage, Amounts Due and Due Date	Monthly and Monthly for a one year period	Individual customer	Yes. XE maintains usage data by individual meter.
36	XE	Individual Customer	Provide My Information to a 3rd Party	Could be any information maintained by the utility	One-time or Ongoing	Individual customer	Yes. XE maintains usage data by individual meter.
37	XE	Individual Customer	Regulatory Inquiry or Complaint	Could be any information maintained by the utility	Generally one-time	Individual customer	Yes. XE maintains usage data by individual meter.