

Use Case Matrix
CEUD Workgroup Tool

Requestor (Who wants the data): Energy Policy Supporter/Advocate

Use Case Type/Category	What Data is Desired/Needed			Data Purpose and Use			Data Availability			Future Use				
	Describe the Data (kWh, Therms, Participants, etc.)	Data Interval and Frequency (interval, monthly, annual, etc.)	Granularity (the categories/subtotals/ data breakdowns)	Purpose (Why is the Data Wanted/Needed?)	How will the Data Be Used?	What State Energy Goal Will the Requestor's Use of this Data Support? (Statute cite and common name, and description of support afforded)	Other Legal Requirement(s) Driving Need for Data? (Statute or other legal premise not already cited in Column G)	Possible to Obtain Data Directly from Customer(s)?	Is the Data Available/the subject of a regulatory proceeding? (Cite Statute, Rule, Order, Tariff, or Docket)	Is the Data Otherwise Publicly Available?	Risk Assessment and Mitigation (this section is to be completed by Workgroup)	Privacy Risk(s) Issue(s)	Risk Mitigation Alternatives	Recommendations Risk Strategy/Tactics
Examples														
<i>Building</i>	<i>kWh</i>	<i>Monthly data updated annually</i>	<i>By customer type/ rate class</i>	<i>Ex: To benchmark and measure energy usage; show carbon impact; Help customers reduce energy consumption through providing more information</i>	<i>Provided to prospective Lessees; published on Building Manager's website.</i>	<i>Minn. Stat. § _____</i>	<i>Ex: None</i>	<i>Yes</i>	<i>No</i>	<i>No</i>				
<i>Neighborhood</i>	<i>Windsorce subscribed kWh</i>	<i>Annual data one-time</i>	<i>By customer type/ rate class</i>	<i>Ex: To measure the neighborhood's participation in renewable energy programs</i>	<i>Reported in the neighborhood newsletter</i>	<i>Minn. Stat. § _____</i>	<i>Ex: None</i>	<i>Yes</i>	<i>Windsorce participation reported semi-annually by customer class under Order and Tariff</i>	<i>No</i>				
Residential Home	kWh; therms; emissions factor	Monthly & Average annual data each year	individual building and/or meter	By Realtors/homebuyers to calculate annual energy budget, Energy Cents Coalition, Minneapolis Pathways Study, tenant/contractor to calculate cost-benefit analysis for energy improvements	To measure state energy goals progress; to calculate cost-benefit analysis for energy improvements; for tenants/owners to calculate annual budgets	Next Generation Energy Act of 2007		Yes with difficulty		No				
Multi-family building	kWh; therms; emissions factor	Monthly & average annual data each year	per customer account; total building (potentially multiple meters)	Benchmarking, tenant to calculate annual energy budget, landlords to calculate cost-benefit analysis on improvements	To measure state energy goals progress; to calculate cost-benefit analysis for energy improvements; for tenants/owners to calculate annual budgets	Next Generation Energy Act of 2007	City of Minneapolis Commercial Building Energy and Rating Disclosure Ordinance	Yes with difficulty		No				
Commercial building (publically or privately owned)	kWh; Therms; emissions factor; Windsorce kWh	Average annual data each year or Monthly consumption data updated monthly	per customer account; total building (potentially multiple meters); aggregation: 2 or 3	To benchmark whole-building, whole-property, and/or whole-portfolio energy consumption, tenant to calculate annual energy budget, landlords to calculate cost-benefit analysis on improvements	To measure state energy goals progress; to calculate cost-benefit analysis for energy improvements; for tenants/owners to calculate annual budgets	Next Generation Energy Act of 2007	City of Minneapolis Commercial Building Energy and Rating Disclosure Ordinance	Yes with difficulty		Some				
Industrial	kWh; emissions factor	Monthly & Average annual data each year	Total campus (potentially multiple meters)	Benchmarking	To measure state energy goals progress	Next Generation Energy Act of 2007	City of Minneapolis Commercial Building Energy and Rating Disclosure Ordinance	Yes with difficulty		No				
Campus	kWh; emissions factor	Monthly & Average annual data each year	Multiple designated meters	Benchmarking	To measure campus-wide goals and state energy goals progress	Next Generation Energy Act of 2007		Potentially		No				
Neighborhood	kWh; emissions factor; participants; Windsorce kWh; renewable interconnections	Monthly or annual each year	Multiple designated meters	Benchmarking	To measure neighborhood and state energy goals progress	Next Generation Energy Act of 2007		No		No				
City	kWh; participants, all energy converted to kbtu's; emissions factor; Windsorce kWh; renewable interconnections	Annual each year	City-wide; should include all buildings (none left out for aggregation)	Benchmarking, tracking energy use and emissions	To measure city and state energy goals progress, published on Regional Indicators Website	Next Generation Energy Act of 2007		No		No				
County	kWh; participants; emissions factor	Annual each year	Many zip codes	Benchmarking	To measure county and state energy goals progress	Next Generation Energy Act of 2007		No		No				
Utility territory	kWh; participants; emissions factor	Annual each year	Utility-wide	Benchmarking	To measure utility and state energy goals progress	Next Generation Energy Act of 2007		No		No				
State	kWh; participants; emissions factor; renewable interconnections	Annual each year	State-wide; should include all buildings (none left out for aggregation)	Benchmarking	To measure state energy goals progress	Next Generation Energy Act of 2007		No		No				
School District	kWh; participants; emissions factor; Windsorce kWh	Monthly; Annual each year	Multiple designated meters	Benchmarking	To create local initiatives; measure state energy goals progress	Next Generation Energy Act of 2007	City of Minneapolis Commercial Building Energy and Rating Disclosure Ordinance	Yes		No				
Hospital System	kWh; participants; emissions factor; Windsorce kWh	Monthly; Annual each year	Multiple designated meters	Benchmarking	To create local initiatives; measure state energy goals progress	Next Generation Energy Act of 2007		Yes		No				

Note: Examples in gray-shaded rows.