

Energy Efficiency Indicators

Indicator		#	Description	Comments
Price signals	Price of Energy to End-user as Consumption Increases	1	Scaled based on propensity of inclining block rates.	
	Economic efficiency of end-user price subsidies	2	Scaled based on criteria for end-user price subsidies	
Utility Incentive Alignment	Linkage between revenues and profits	3	Scaled based on quality of mechanism in place for utilities to not lose profits from investment in demand side energy efficiency.	
	Financial incentives for utilities to exceed compliance requirements	4	Scaled based on quality of quality of incentive mechanism.	
Savings mandates for energy suppliers	Binding savings obligations over time	5	Determine whether energy suppliers have binding savings obligations with penalties in place if obligations are not met.	
	Utilities tie M&V data back into resource plan	6	Determine whether M&V data on demand side energy efficiency is required to be used in energy suppliers resource plan to meet projected demand at least cost.	
	Standard offers/white certificates in place for utilities to buy "energy savings"	7	Determine whether there are standard offers in place for utilities to buy "energy savings" implemented by third parties or peak load reduction.	
Savings mandates for energy consumers	Binding savings obligation over time for government buildings	8	Determine whether public entities have binding energy savings obligations with penalties in place if obligations are not met. Determine whether benchmarking is required for public buildings to track energy savings and consumption.	
	Binding savings obligations over time for large energy users (e.g. 3MW+)	9	Determine whether large commercial and industrial users have binding savings obligations with penalties in place if obligations are not met.	

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	Absence of rolling blackouts	10	If there has been an energy crisis in the last year, or power rationing has been implemented, determine whether rolling blackouts were used to reduce demand.	
EE procurement in the public sector	EE taken into account in the specification and award of materials and services for public buildings	11	Scaled based on quality of public procurement of EE materials and services. <ul style="list-style-type: none"> • A voluntary EE product procurement process is in place • A mandatory EE product procurement process in place • A product specification process in place (labels, catalogues, least life-cycle cost, EE preferences, qualifying product database) 	
	Allowance of savings retention for EE capital expenditures in public entities	12	Determine whether budgeting law has a provision for public entities to retain energy savings to pay back loans taken for energy efficiency improvements.	
	Allowance of multi-year energy efficiency contracts	13	Determine whether public entities can engage in multi-year contracts for energy performance contracts	
Building energy efficiency codes	Building codes updated regularly	14	Determine whether the current building code has been updated in the last 3 years.	
	Existence of penalties for not meeting code	15	Determine whether there is a penalty system in place for new buildings that do not meet code	
Access to information	Quality of information available to customer on their energy usage	16	Scaled based on quality of information.	
	Frequency of collection	17	Scaled based on frequency of payment collection.	
	Property energy data and rating disclosure policy	18	Determine whether commercial buildings are required to disclose property energy usage (via a standard rating system) at point of sale, lease, or annually.	

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EE standards for products	Regularly updated EE standards for common appliances	19	Determine whether there are mandatory EE standards for at least one the following common appliances that been updated in the last 3 years: Refrigerators, freezers, air conditioners, clothes washers, dish washers, personal computers	
	Regularly updated EE standards for industrial equipment	20	Determine whether there is a mandatory EE standard for lighting and electric motors that has been updated in the last 3 years.	
	Penalty to manufacturers for non-compliance with EE standard	21	Determine whether penalties exist for non-compliance with energy efficiency standards for equipment and appliances	
Energy Efficiency institutions	Demand is considered an elastic variable in energy sector plan	22	Determine whether the existing energy sector plan considers demand to be an inelastic variable.	
	Existence of a national EE plan integrated into the energy suppliers sectorial plans	23	Determine whether a national EE plan is in place supported by secondary legislation, and if this plan is integrated into energy suppliers and utilities sub-sectorial plans.	
	Obligated EE institution with access to customer energy usage data	24	Determine whether there is an obligated EE institution coordinating and monitoring EE activities in the country. Determine this institution is a legitimate controller of customer energy usage data.	