$\textbf{Table 1} \\ \textbf{Scope, data properties, algorithms, and performance of the energy consumption prediction models } [3,12,13,16,18-23,26-78].$

Reference	Learning algorithm (type)	Building type	Temporal granularity	Type of energy consumption predicted	Purpose of prediction	Type of dataset (simulation tool)	Types of feature	Data size	Performance (metric)
	SVM (RBF)	_			HVAC system operation	Real (N/A)	Date, daily average	620 instances	0.17 (RMSE)
[26]	PCA-SVM (RBF)	Non-residential	Hourly	Cooling			temperature, daily lowest temperature, daily highest		0.04 (RMSE)
	KPCA-SVM (RBF)				improvement		temperature		0.02 (RMSE)
	SVM (RBF)	_					Date, daily average		0.17 (RMSE)
[41]	PCA-SVM (RBF)	Non-residential	Hourly	Cooling	N/S	Real (N/A)	temperature, daily lowest temperature, daily highest	620 instances	0.04 (RMSE)
	PCA-WSVM (RBF)						temperature	mstances	0.03 (RMSE)
[20]	SVM (RBF)	- Non-residential	Hourly	Cooling	HVAC system	Simulated	Dry-bulb temperature, relative	5 months	1.15% - 1.18% (CV)
[20]	ANN(BPNN)	- Non-residential	Hourry	Cooling	design	(DeST)	humidity, solar radiation	3 months	2.22% - 2.36% (CV)
	SVM (RBF)	_							1.15% - 1.18% (CV)
[37]	ANN(BPNN)	- Non-residential	Hourly	Cooling	HVAC system	Simulated	Dry-bulb temperature, relative	5 months	2.22% - 2.36% (CV)
	ANN(RBFNN)	_			design	(DeST)	humidity, solar radiation		1.43% - 1.51% (CV)
	ANN(GRNN)								1.19% - 1.20% (CV)
[29]	LS-SVM (RBF)	- Non-residential	Hourly	Cooling	HVAC system optimization	Simulated (DeST)	Dry-bulb temperature, relative humidity, solar radiation	4 months	5.56% (CV) 11.84% (CV)
	ANN(BPNN) SVM (RBF)				оринизация	(5651)	numerty, some radiation		3.85% (CV)
[27]	FCM-SVM (RBF)	Non-residential	Hourly	Cooling	HVAC system	Real (N/A)	N/S	6 months	2.68% (CV)
[27]	FCM-FSVM (RBF)	- Ivon-residential	riourry	Coomig	optimization	icai (iv/i)	1415	O monuis	1.24% (CV)
					TWI A C		Temperature, dew point		
[42]	SVM (RBF)	Non-residential	Hourly	Overall	HVAC system efficiency improvement	Real (N/A)	temperature, pressure, wind direction, wind speed, humidity, precipitation	~27.5 months	0.71 - 0.95 (R ²)
	ANN(BPNN)	_							1.68 kW (RMSE)
	SVM (RBF)	_							1.65 kW (RMSE)
	DT (CART)	_		Cooling			Relative compactness, surface		1.84 kW (RMSE)
50.63	DT (CHAID)				Energy-efficient	Simulated	area, wall area, roof area,	3.710	1.86 kW (RMSE)
[36]	GLR	Residential	Hourly		building design	(Ecotect)	overall height, orientation, glazing area, glazing area distribution	N/S	1.74 kW (RMSE)
	ANN(BPNN) SVM (RBF)	-		Heating					0.61 kW (RMSE) 0.35 kW (RMSE)
	DT (CART)	-							0.80 kW (RMSE)
	DT (CHAID)	-							0.91 kW (RMSE)
	GLR								1.04 kW (RMSE)
									26.27% - 38.53%
	MLR ANN(FFNN)	- - Residential -				Real (N/A)	140 different sensor data	A year	(CV) 24.32% - 37.15% (CV)
	SVM								21.32% - 31.88% (CV)
	LS-SVM								20.05% - 30.66% (CV)
	ANN(HME-REG)								26.14% - 38.22% (CV) 20.15% - 32.98%
[12]	ANN(HME-FFNN) ANN(FCM-FFNN)	-	Hourly	Overall	N/S				(CV) 20.53% - 32.92%
			•						(CV)
	MLR ANN(FFNN)	_							4.07% (CV) 2.93% (CV)
	SVM	-					Temperature, solar flux, date, sin of current hour, cosine of current hour	6 months	3.97% (CV)
	LS-SVM	N/S				ASHRAE dataset			6.35% (CV)
	ANN(HME-REG)	-				(N/A)			4.05% (CV)
	ANN(HME-FFNN)	-							2.75% (CV)
	ANN(FCM-FFNN)	-							2.71% (CV)
1001	OLS			. "	Green electricity	D 107(1)	Occupancy, recency,		2.05 (MAE)
[22]	SVM (RBF)	Non-residential	Hourly	Overall	production management	Real (N/A)	temperature, irradiance, time	4 years	1.94 (MAE)
	MLR	-			Daily power system		Temperature, relative humidity, solar radiation, indoor		4.68% (MAPE)
[39]	ANN(MLP)	Non-residential	Hourly	Overall	operation and control	Real (N/A)	temperature, indoor relative humidity, indoor light level,	~A year	0.45% (MAPE)
	SVM (PUK)				control		occupancy, date		0.06% (MAPE)
	Poly	– – Non-residential							7.43% - 13.86% (MAPE)
	Exponential								18% (MAPE)
[34]	Mixed		Hourly	Overall	N/S	Real (N/A)	Day of week, type of day, season, wind direction, humidity, precipitation, sigma	N/S	7.59% - 23.00% (MAPE)
[]	AR	residential		J . ******		(* ** ** *)	direction, sigma speed, air		5.30% - 8.72% (MAPE)
	ANN (N/S)	-					temperature, average speed		7.89% - 12.55% (MAPE)
	SVM (RBF)								5.79% - 9.28%
	- · · · · · (ICDI)								(MAPE)

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Table 1 (continued)

	Bayesian Network								5.92% - 11.31% (MAPE)
[13]	SVM (RBF)	- Non-residential	Hourly	Overall	Energy	Simulated	Day is holiday or not, weather conditions, zone mean air temperatures, infiltration volume, heat gain through each window, heat gain through lights and people, zone internal total heat gain	100 instances	~0.00 (MSE)
	Parallel SVM (RBF)	1von-residential			conservation	(EnergyPlus)			~0.00 (MSE)
[43]	SVM (RBF)	Non-residential	Hourly	Overall	Demand and supply management	Real (N/A)	Outside air temperature	7 months	50kW - 51kW(RMSE)
[21]	SVM (RBF) ANN (RBF)	Non-residential	Hourly	Lighting	Abnormal energy usage identification	Real (N/A)	Number of people in building, solar radiation	168 instances	0.66 (MSE) 3.14 (MSE)
		N/S	Hourly			ASHRAE dataset (N/A)	Temperature, solar flux, date, sine of current hour, cosine of current hour	6 months	3.30% (CV)
[16]	SVM (RBF)		Sub-hourly	Overall	N/S				10.47% - 133.24% (CV)
		Residential	Hourly			Real (N/A)	Temperature, date, sine of current hour, cosine of current hour	~3.5 months	2.16% - 11.30% (CV)
			Daily	-			nour		5.52% - 11.39% (CV)
			Sub-hourly		27.00		Outdoor temperature, data, sine		14.88% - 86.18% (CV)
[32]	Lasso	Residential	Hourly	- Overall	N/S	Real (N/A)	of current hour, cosine of current hour	84 days	12.03% - 97.39% (CV)
[44]	ANN (NARX)	Non-residential	Hourly	Overall	Energy demand management	Real (N/A)	Date, outdoor temperature, outdoor humidity, solar radiation, outdoor wind speed, outdoor wind direction, state of pumps, state of boilers, state of absorption machine, state of cooling tower, state of heat pump	18 months	0.81% - 1.73% (MAPE)
[3]	ANN(PENN)	Non-residential	Hourly	Cooling	N/S	Real (N/A)	Outdoor temperature, relative humidity, rainfall, wind speed, bright sunshine duration, solar radiation, occupancy area, occupancy rate	1053 instances	11.41% - 17.17% (CV)
[45]	ANN(FFNN)	Non-residential	Monthly, yearly	Cooling, heating	N/S	Real (N/A)	Outdoor temperature, relative humidity, setpoint temperature, occupancy schedule	159 instances	N/S
[46]	ANN(GRNN)	Non-residential	Hourly	Cooling	HVAC thermal energy storage optimization	Simulated (ESP-r)	Temperature	4 years	0.91 - 0.96 (R ²)
[33]	ANN(MRAN) ARIMA	N/S	Hourly	Cooling	HVAC system operation	Real (N/A)	Parameters of 11 AHUs	288 hours	3.65% (MRE) 9.17% (MRE)
	AR				improvement	Real (N/A)	Day of the week, type of day, season, wind direction, humidity, precipitation, sigma direction, sigma speed, air temperature, average speed, temperature humidity index, wind chill index	N/S	4.26% - 8.14%
	ARIMA	– Non-residential	Hourly		N/S				(MAPE) 13.54% - 19.13%
[30]	ANN (N/S)			Overall					(MAPE) 3.46% - 4.11%
	Bayesian Network								(MAPE) 6.87% - 22.75%
F 4 7 3	ANN (BPNN)	N 21 21		G 1	Operational	B 101/10	Air temperature, relative	45.1	(MAPE) 7.89% (Relative
[47]	ANN (Brnn)	Non-residential	Houriy	Cooling	planning	Real (N/A)	humidity Outside air temperature, outside	45 days	error)
[31]	ANN(FFNN)	– Non-residential	Hourly	Overall	N/S	Real (N/A)	outlet water temperature, boiler outlet water temperature, boiler outlet water flowrate, chiller outlet water temperature, chiller outlet water flowrate, supply air temperatures - hot duct for ahus,		7.30% - 8.48% (CV)
	CBR		noun	Oldini			supply air temperatures - cold duct for ahus, supply air fan VFD control settings for ahus, return air fan VFD control settings for ahus, indoor air temperatures of different zones		13.15% - 14.32% (CV)
[18]	ANN(FFNN)	Non-residential	Hourly	Overall	N/S	ASHRAE dataset (N/A)	Temperature, solar flux, humidity, wind speed, date, sine and cosine of hour of day, sin and cosine of day of week, sin and cosine of day of year	6 months	2.44% (CV)
						Real (N/A)	Temperature, humidity, date, sine and cosine of hour of day, sin and cosine of day of week, sin and cosine of day of year	A year	2.95% (CV)
[10]	ANN (feedback)	NT	II 1	Overall	Building management system operation	ASHRAE dataset (N/A)		N/S	1.44% (CV)
[19]		Non-residential	Hourly			Proben dataset (N/A)		N/S	2.55% (CV)
[48]	ANN (Levenberg- Marquart)	Non-residential	Hourly	Cooling	Building daily operation	Simulated (N/S)	On/off status of compressors, temperature of water entering	9 months	4.00% - 40.00% (CV)

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Table 1 (continued)

					optimization and control strategy selection	Real (N/A)	ice tank, temperature of water entering evaporator, temperature of water leaving evaporator, outdoor relative humidity, outdoor temperature, chilled water prepared in ice tanks or not, percentage of chilled water prepared in ice tanks, holiday indicator, date, electric current used by chiller		23.00% - 253.00% (CV)
[49]	ANN (MLP)	Non-residential	Hourly	Cooling	Energy auditing	Real (N/A)	Outdoor temperature, relative humidity, rainfall, wind speed, bright sunshine duration, solar radiation, occupancy area, occupancy rate	1053 instances	12.12% - 16.36% (CV)
						Real (N/A)		18 months	7.34% - 13.78% (MAPE)
	AR					ASHRAE dataset (N/A)		6 months	5.74% (MAPE)
						EUNITE dataset (N/A)		24 months	6.69% (MAPE)
		_				Real (N/A)		18 months	7.92 - 14.25% (MAPE)
	SVM (RBF)					ASHRAE dataset (N/A)		6 months	5.88% (MAPE)
						EUNITE dataset		24	7.34% (MAPE)
[40]		- Non-residential	Hourly	Overall	Demand side management	(N/A) Real (N/A)	· N/A	months 18	11.91 - 19.78%
	Poly					ASHRAE dataset		6 months	(MAPE) 6.94% (MAPE)
						(N/A) EUNITE dataset (N/A)		24 months	7.36% (MAPE)
	ANN (N/S)					Real (N/A)	6 moi	18 months	13.46 - 17.64% (MAPE)
						ASHRAE dataset (N/A)		6 months	6.63% (MAPE)
						EUNITE dataset (N/A)		24 months	7.78% (MAPE)
[50]	SVM (N/S)	Mixed	Sub-hourly	Overall	N/S	Real (N/A)	Outdoor air temperature, relative humidity, solar radiation, wind speed, wind direction	A year	N/S
[51]	ANN (MLP)	Non-residential	Sub-hourly	Heating	Heating load management	Real (N/A)	Outside temperature, solar radiation, work/off day, occupancy profiles, operational power level characteristics, transitional characteristics	27 days	0.15 (MSE)
[52]	ANN (MLP)	Non-residential	Sub-hourly	Overall	Demand side management	Real (N/A)	External temperature	N/S	3.16 (MAPE)
[53]	ANN (N/S)	Non-residential	Sub-hourly	Overall	Demand and supply management	Real (N/A)	Current temperature of external environment, status, building usage profile,	N/S	11.06% (MAPE)
[54]	ANN (BPNN)	Non-residential	Sub-hourly	Overall	N/S	Real (N/A)	Date, 24-hour-ahead average load, day-ahead load, 7 days- ahead load, day-ahead temperature	A year	6.97% - 11.15% (CV)
	GLD 4 (DDF)	Non-residential	Hourly	Overall	Zero energy building operation	Real (N/A)	- N/A	~18 months	6.38% - 13.29% (MAPE)
	SVM (RBF)					ASHRAE dataset (N/A)		6 months	4.62% (MAPE)
[28]						Real (N/A)		~18 months	6.03% - 12.86% (MAPE)
	AR (N/A)					ASHRAE dataset (N/A)		6 months	4.63% (MAPE)
	MLR	_				(IV/A)	Maximum dry-bulb		4.23% (MAPE)
	ARIMA SVM (BBE)						temperature, average dry-bulb temperature, minimum dry-bulb		5.45% (MAPE)
	SVM (RBF) DT (RF)						temperature, average dew point temperature, average relative		3.11% (MAPE) 3.17% (MAPE)
[35]	MLP (ANN)	Non-residential	Daily	Overall	N/S	Real (N/A)	humidity, average pressure,	A year	4.75% (MAPE)
	DT (BT)						average amount of cloud, total rainfall, number of hours of		4.07% (MAPE)
	MARS						reduced visibility, solar radiation, total evaporation, average wind speed		3.97% (MAPE)
	Knn								4.01% (MAPE)
[55]	SVM (N/S)	Residential	Daily	Overall	Energy conservation	Real (N/A)	Date, outdoor temperature, bedroom temperature, living temperature, living room humidity, bedroom humidity, outdoor humidity, water temperature	15 months	0.88 (Pearson coefficient)
[56]	MLR	Residential	Daily	Overall	Demand side management	Real (N/A)	Outside temperature, date	3 years	12.36% (MAPE)
1677	ANINI (NAT P)	Nia. 11 or 1		Cooling	Energy-efficient	Simulated	Daily average dry-bulb temperature, daily average wet-	8760	725 - 1410 kWh (RMSE)
[57]	ANN (MLP)	N (MLP) Non-residential	Daily	Heating	building design	(EnergyPlus)	bulb temperature, daily global solar radiation, daily average	instances	607 - 785 kWh (RMSE)

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Table 1 (continued)

				Lighting	nting		clearness index, solar aperture, daylight aperture, overhang,		224 - 396 kWh (RMSE)
				Overall	-		side-fins projections, date		2118 - 2904 kWh (RMSE)
							Daily minimum and maximum external dry-bulb temperature, date		10.5% - 21.0% (average error)
[58]	ANN(FFNN)	Non-residential	Daily	Overall	Demand side management	Simulated (EnergyPlus)	Daily maximum external dry- bulb temperature, relative humidity, solar radiation, diffuse solar radiation, date	54 days	9.5% - 16.5% (average variation)
[59]	ANN (MLR)	Non-residential	Daily	Cooling	Response to climate change	Simulated (VisualDOE4.1)	Temperature, humidity, solar	29 years	1.4 - 1.5 MWh (RMSE) 1.2 - 1.3 MWh
				Overall	analysis	((RMSE)
[23]	SVM (RBF)	Non-residential	Monthly	Overall	Energy performance contracting	Real (N/A)	Dry-bulb temperature, relative humidity, solar radiation	4 years	0.99% - 2.69% (CV
[60]	ANN(FFNN)	Residential	Monthly	Heating	Demand side management	Real (N/A)	Monthly average external temperature, heat transfer rate through envelope, heat transfer rate through envelope, heat transfer rate through wall next to staircase, heat flow rate due to infiltration/natural ventilation, solar gain through transparent elements, internal gains, income level, occupant per room	5 years	0.83 (R)
[61]	ANN	Non-residential	Monthly	Overall	Demand side management	Real (N/A)	N/S	3 years	15.70% - 17.97% (RMSPE)
	SVM (N/S)		Yearly	Overall	N/S	Real (N/A)	Average heat transfer coefficient of building walls, mean thermal inert index of building walls, roof heat transfer coefficient, building size coefficient, absorption coefficient for solar radiation of exterior walls, eastern window-wall ratio, western window-wall ratio, southern window-wall ratio, northern window-wall ratio, east mindow, shading coefficient of eastern window, shading coefficient of western window, shading coefficient of southern window, shading coefficient of northern window and integrated shading coefficient of northern window and integrated shading coefficient	instances	2.40% (RMSE)
[38]	ANN(BPNN)	Residential							14.46% (RMSE)
	ANN(RBFNN)								12.44% (RMSE)
	ANN(GRNN)								5.24% (RMSE)
[62]	ANN(BPNN)	Residential	Yearly	Overall	N/S	Simulated (KEP-IYTE-ESS)	Width/length, wall overall heat transfer coefficient, area/volume, total external surface area, total window area/total external surface area	148 instances	5.06 (MAPE)
				Overall except heating			Building activity, building environment, heating fuel, age,		32.70% (CV)
[63]	ANN (MLP)	Mixed	Yearly	Heating	Energy-efficient building design	Real (N/A)	primary material, geometry data, adjacency shading data, adjacency sheltering factor, orientation, glazing, weather data	1872 instances	25.80% (CV)
[64]	ANN (BPNN)	N/S	Yearly	Heating	Energy-efficient building design	Simulated (N/S)	Transparency ratio, orientation, insulation thickness	135 instances	0 - 0.4 (δ)
[65]	ANN(BPNN)	Residential buildings of a city	Yearly	Overall	Supply side management	Real (N/A)	Locale (i.e., urban and rural), total population in urban areas, average number of people per household, electrification rate, penetration of device or appliance, types of lighting bulb, number of lighting bulb of type per household, power of bulb of type, hours of use of bulb of type, fuel type, lighting energy use of fuel, cooking and water heating energy use of fuel per household per year, space heating and cooling energy use of fuel ofter end use devices	12 years	0.09% (MRPE)
	ANN(BPNN)	_					Temperature, solar flux, date,		10.52% (CV)
	ANN(ANFIS)	— N/S				ASHRAE dataset	sin of current hour, cosine of current hour	6 manth	9.83% (CV)
	ANN(BPNN)					ASHRAE dataset (N/A)	Short past values of energy	- 6 months	3.41% (CV)
	ANN(ANFIS)				21/0		consumption, temperature, date, sine of current hour		2.78% (CV)
[66]	ANN(BPNN)	_	Hourly	Overall	N/S	_	Daily temperature, cosine of		5.2% (CV)
	ANN(ANFIS)					Real (N/A)	hour of day, hourly occupancy	-	4.47% (CV)
	ANN(BPNN) ANN(ANFIS)	Non-residential					Short past values of energy consumption, daily temperature, cosine of hour of day, hourly occupancy	900 hours	3.01% (CV) 2.66% (CV)

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Table 1 (continued)

	MLR			Heating	- - -		Dry-bulb temperature, relative humidity, wind speed, direct		173.2% - 249.8% (CV)
		_		Cooling			irradiation, occupancy		47.5% - 48.5% (CV)
	4 P			Heating			Previous loads		124.6% - 185.9% (CV)
	AR			Cooling					32.4% - 37.6% (CV)
	ARX	Non-residential			-				49.6% - 178.8%
				Heating	_		Dry-bulb temperature, relative		(CV)
[67]		-		Cooling	_		humidity, wind speed, direct irradiation, occupancy, previous		8.8% - 34.0% (CV)
	ANN(BPNN)		Hourly	Heating	Demand and supply	Simulated	loads	6 months	121.2% -174.9% (CV)
			-	Cooling	management	(EnergyPlus)		6 months	25.3% - 30.6% (CV)
	MID			Heating	_		Dry-bulb temperature, relative		58.5% - 70.7% (CV)
	MLR			Cooling			humidity, wind speed, direct irradiation, occupancy		17.9% - 25.9% (CV)
	AR	-		Heating	_		Previous loads		14.7% - 23.7% (CV)
	AK	Residential		Cooling	_		1 ievious ioaus		8.3% - 8.6% (CV)
	ARX			Heating	_		Dry-bulb temperature, relative		10.8% - 22.0% (CV)
		-		Cooling	_		humidity, wind speed, direct irradiation, occupancy, previous		5.0% - 6.9% (CV)
	ANN(BPNN)			Heating Cooling	_		loads		23.0% - 23.3% (CV) 6.4% - 7.1% (CV)
				Cooling			Dry bulb temperature, wet bulb		0.470 - 7.170 (CV)
[68]			Hourly		Demand side		Dry bulb temperature, wet bulb temperature, global radiation, wind speed, rainfall, visibility and cloud condition, operation schedule of pretreated air units, hour type, occupancy space power demand	- 2 years	11.01% - 11.13% (CV)
	ANN(BPNN)	Non-residential	Daily	– Cooling	management	Real (N/A)	Dry bulb temperature, wet bulb temperature, global radiation, wind speed, rainfall, visibility and cloud condition, operation schedule of pretreated air units, day type, occupancy space power demand		5.27% - 5.51% (CV)
	Bivariate regression Multivariate regression	- Non-residential		Cooling	- - N/S	Simulated (EnergyPlus)	Building cooling demand		0.89 - 3.29 kWh/m2/yr (RMSD)
[69]			Yearly	Heating			Building heating demand	23,040	2.12 - 3.74 kWh/m2/yr (RMSD)
[05]				Cooling			Building cooling and heating demand	instances	0.53 - 2.41 kWh/m2/yr (RMSD)
				Heating					1.27 - 3.13 kWh/m2/yr (RMSD)
[70]	Poly	Residential	Yearly	Heating	Energy-efficient building design	Real (N/A)	Building global heat loss coefficient, south equivalent surface, difference between indoor heating set point and sol- air temperature	17 instances	0.36% (MAPE)
[71]	ANN(BPNN)	Non-residential	Hourly	Overall	Demand side management	Real (N/A)	Average temperature of three hours before time of prediction, cooling degree days, heating degree days, expected consumption in the previous hour	A year	6.31% (MAPE)
[72]	ANN(MLP)	Non-residential	Daily	Overall	Demand side management	Real (N/A)	Load history, temperature	10 months	~3.5% - 9.00% (MAPE)
	ANN(FFNN)	- Non-residential			Above-normal		Heating consumption of previous day, mean daily outside temperature and day of week		5.25% (MAPE)
[73]	ANN(RBFN)		Daily	Heating	energy consumption	Real (N/A)		3 years	5.43% (MAPE)
	ANN(ANFIS)				detection				5.43% (MAPE)
	ANN (N/S)	Non-residential			D 1 1 1		Outdoor temperature of current and previous time, recorded energy consumption of previous time, day type, time type		10.47% (MAPE)
[74]	SVM (N/S)		Hourly	Overall	Demand and supply management	Real (N/A)		3 months	18.03% (MAPE)
	ARIMA								32.76% (MAPE)
[75]	ANN(ESN)	Non-residential	Hourly	Overall	N/S	Real (N/A)	Air temperature and building occupancy	4 years	3.72% (CV)
[76]	ANN(ELM)	Residential	Yearly	Heating and cooling	Energy-efficient building design	Simulated (EnergyPlus)	Insulation K value, insulation thickness	180 instances	74.02 kWh (RMSE)
[77]	ANN(FFNN)	Non-residential	Sub-hourly	Overall	Demand side management	Real (N/A)	Day indicator, interval stamp, HVAC operation schedule, outdoor dry-bulb temperature, outdoor relative humidity	A month	~10% (CV)
[78]	SVM (RBF)	Non-residential	Hourly	Overall	Supply side management	Real (N/A)	Electric load, temperature, calendar, school schedule, working schedule, classroom	24 months - 38	18.05% - 18.11% (MAPE)

N/A: Not Applicable

N/S: Not Specified