

1.	COP_CH	Coefficient of performance of chiller
2.	COP_CH <sub>PRE</sub> , COP_CH <sub>POST</sub>	Coefficient of performance of chiller before initiative implementation Coefficient of performance of chiller after initiative implementation
3.	OPHR,yr	Annual operating hours of equipment / system (hrs)
4.	QBLDGave	Annual average instantaneous building cooling load (kW)
5.	Qe_CH <sub>R</sub>	Rated cooling capacity (kW) of chiller
6.	COP_CH <sub>100%</sub> , COP_CH <sub>75%</sub> , COP_CH <sub>50%</sub>	ARI Coefficient of performance of chiller at 100% load ARI Coefficient of performance of chiller at 75% load ARI Coefficient of performance of chiller at 50% load
7.	NCWPave	Annual average Nos. of condensing water pumps in operation
8.	kW_CWP	Rated power of condensing water pump (kW)
9.	NCTave	Annual average Nos. of cooling tower in operation
10.	kW_CT	Rated power of cooling tower (kW)
11.	NCH <sub>MAX</sub> , NCH <sub>MIN</sub>	Nos. of chiller in operation in peak summer (Max) and cold winter (Min)
12.	NCWPave	Annual average Nos. of condensing water pump in operation
13.	NCWP <sub>MAX</sub> , NCWP <sub>MIN</sub>	Nos. of condensing water pump in operation in peak summer (Max) and cold winter (Min)
14.	NCT <sub>MAX</sub> , NCT <sub>MIN</sub>	Nos. of cooling tower in operation in peak summer (Max) and cold winter (Min)
15.	NCTave	Annual average Nos. of cooling tower in operation
16.	NCTave <sub>PRE</sub> , NCTave <sub>POST</sub>	Annual average Nos. of cooling tower in operation before initiative implementation (PRE) and after initiative implementation (POST)
17.	LF <sub>CT</sub>	Annual average load factor of cooling towers
18.	TAPP, <sub>C</sub> PRE, TAPP, <sub>C</sub> POST	Approach temperature of condenser of water-cooled chiller before initiative implementation (PRE) and after initiative implementation (POST)
19.	HZ <sub>POST</sub> , 50	Speech (0 to 50Hz) of equipment after initiative implementation (POST)
20.	NCHWPave	Annual average Nos. of cooling tower in operation
21.	NCHWPave <sub>PRE</sub> , NCHWPave <sub>POST</sub>	Annual average Nos. of chilled water pump in operation before initiative implementation (PRE) and after initiative implementation (POST)
22.	LF <sub>CHWP</sub>	Annual average load factor of chilled water pumps
23.	NCHWP <sub>MAX</sub> , NCHWP <sub>MIN</sub>	Nos. of chilled water pump in operation in peak summer (Max) and cold winter (Min)
24.	NDCHWP	Nos. of de-centralised chilled water pump in operation
25.	kW_DCHWP	Rated power of de-centralised chilled water pump (kW)
26.	LF <sub>DCHWP</sub>	Annual average load factor of de-centralised chilled water pump
27.	NFCU	Nos. of fan coil unit in operation
28.	kW_FCU <sub>PRE</sub> , kW_FCU <sub>POST</sub>	Rated power of fan coil unit in operation before initiative implementation (PRE) and after initiative implementation (POST)
29.	kW_FCU <sub>Hi</sub> , kW_FCU <sub>Mi</sub> , kW_FCU <sub>Lo</sub>	Power of fan coil unit at High (Hi), Mid (Mi) and Low (Lo) speed in operation
30.	kW_iFCU <sub>R</sub>	Rated power of intelligent fan coil unit (i-FCU) (kW)
31.	NiFCU	Nos. of intelligent fan coil unit (i-FCU) in operation
32.	kW_AHU <sub>PRE</sub>	Power of air-handling unit (AHU) before initiative implementation (PRE)
33.	NAHU	Nos. of air-handling unit (AHU) in operation

34.	LF <sub>AHU</sub> , LF <sub>AHU,PRE</sub> , LF <sub>AHU,POST</sub>	Annual average load factor of air handling unit (AHU) Average load factor of air handling unit before initiative implementation (PRE) and after initiative implementation (POST)
35.	TCHWS	Chilled water supply temperature
36.	kW_PAU	Rated power of cooling tower (kW)
37.	LF <sub>PAU</sub>	Annual average load factor of primary air handling unit (PAU)
38.	NPAU	Nos. of primary air-handling unit (PAU) in operation
39.	kW_DOAS	Rated power of dedicated outdoor air unit (DOAS) (kW)
40.	LF <sub>DAHS</sub>	Annual average load factor of dedicated outdoor air unit (PAU)
41.	NDOAS	Nos. of dedicated outdoor air unit (DOAS) in operation
42.	Hz <sub>AHU</sub> , Hz <sub>PAU</sub> , Hz <sub>DAHU</sub> , Hz <sub>IECU</sub>	Speech (0 to 50Hz) of air handling unit (AHU), Speech (0 to 50Hz) of primary air handling unit (PAU), Speech (0 to 50Hz) of dedicated air handling unit (DAHU), Speech (0 to 50Hz) of intelligent fan coil unit (iFCU)
43.	kW_IECU	Rated power of indirect evaporative cooling unit (kW)
44.	LF <sub>IECU</sub>	Annual average load factor of indirect evaporative cooling unit (IECU)
45.	NIECU	Nos. of indirect evaporative cooling unit (IECU) in operation
46.	OPHR <sub>PRE</sub> , OPHR <sub>POST</sub>	Annual operating hours of equipment / system (hrs) before initiative implementation (PRE) and after initiative implementation (POST)
47.	kW_SCF	Rated power of spot cooling fan (SCF) (kW)
48.	NSCU	Nos. of spot cooling fan (SCF) in operation
49.	LF <sub>SCF</sub>	Annual average load factor of spot cooling fan (SCF)
50.	kW_HVLPF	Rated power of high volume low pressure fan (HVLPF) (kW)
51.	NHVLPF	Nos. of high volume low pressure fan (HVLPF) in operation
52.	LF <sub>HVLP</sub>	Annual average load factor of high volume low pressure fan (HVLPF)
53.	$\Delta P_{FLT_{PRE}}$ , $\Delta P_{FLT_{POST}}$	Differential pressure drop of air filter ( $\Delta P_{FLT}$ ) in operation before initiative implementation (PRE) and after initiative implementation (POST)
54.	$\Delta P_{FANave}$	Annual average of static pressure of supply air fan ( $\Delta P_{FAN}$ )
55.	kW_ECF	Rated power of electronically commutated plug fan (ECF) (kW)
56.	NECF	Nos. of electronically commutated plug fan (ECF)
57.	LF <sub>ECF</sub>	Annual average load factor of electronically commutated plug fan (ECF)
58.	COP <sub>CH<sub>FC</sub></sub>	Coefficient of performance of chiller during free cooling operation
59.	QBLDG <sub>FC</sub>	Annual average instantaneous building cooling load during free cooling operation (kW)
60.	OPHR <sub>FC</sub>	Annual operating hours of free cooling equipment / system (hrs)
61.	kW_LGT <sub>PRE</sub> , kW_LGT <sub>POST</sub>	Rated power of lighting circuits or lamps (LGT) in operation before initiative implementation (PRE) and after initiative implementation (POST)
62.	NLGT <sub>PRE</sub> , NLGT <sub>POST</sub>	Annual average Nos. of lighting circuits or lamps in operation before initiative implementation (PRE) and after initiative implementation (POST)
63.	LF <sub>PRE</sub> , LF <sub>POST</sub>	Annual average load factor of equipment before initiative implementation (PRE) and after initiative implementation (POST)
64.	LF <sub>i</sub>	Annual average load factor of lighting circuit or system within lighting zone (i)
65.	IFA <sub>i,POST</sub>	Internal floor area of lighting zone (i) after initiative implementation (POST)
66.	kW_TL	Rated power of task lighting (TL) (kW)
67.	NTL	Annual average Nos. of task lighting (TL) in operation per day

68.	LF <sub>TL</sub>	Annual average load factor of task lighting (TL)
69.	OPHR <sub>TL,yr</sub>	Annual operating hours of task lighting (TL) (hrs)
70.	kW <sub>LIFT</sub>	Average rated power of lifts (LIFT) per zone (kW)
71.	NLIFT	Annual average Nos. of lifts (AHU) per zone in operation
72.	LF <sub>LIFT</sub>	Annual average load factor of lifts (LIFT) per zone
73.	%REGEN	Amount of regeneration power per operating power of lift
74.	%SAVE	Amount of power saving per operating power of lift
75.	kW <sub>IT<sub>PRE</sub></sub> , kW <sub>IT<sub>POST</sub></sub>	Total rated power of I.T. equipment group (kW) before initiative implementation (PRE) and after initiative implementation (POST)
76.	NIT <sub>PRE</sub> , NIT <sub>POST</sub>	Annual average Nos. of I.T. equipment group before initiative implementation (PRE) and after initiative implementation (POST)
77.	LF <sub>PRE</sub> , LF <sub>POST</sub>	Annual average load factor of equipment/system before initiative implementation (PRE) and after initiative implementation (POST)
78.	kW <sub>CRAC</sub>	Rated power of computer room air conditioning (CRAC) unit (kW)
79.	NCRAC	Annual average Nos. of computer room air conditioning (CRAC) unit in operation
80.	LF <sub>CRAC</sub>	Annual average load factor of computer room air conditioning (CRAC) unit
81.	COP <sub>AC<sub>POST</sub></sub>	Coefficient of performance of air-conditioning (AC) unit after initiative implementation (POST)
82.	kW <sub>FD</sub>	Rated power of cold fan door (FD) in operation
83.	NFD	Annual average nos. of cold fan door (FD) in operation
84.	LF <sub>FD</sub>	Annual average load factor of cold fan door (FD)
85.	IFA <sub>i</sub>	Internal floor area of carpark zone (i)
86.	IFA <sub>CP</sub>	Internal floor area of carpark
87.	NMVF <sub>i</sub>	Annual average Nos. of mechanical ventilation fan (MVF) of each carpark zone (i) in operation
88.	kW <sub>MVF<sub>i</sub></sub>	Total rated power of mechanical ventilation fan (MVF) of each carpark zone (i)