

Carbon dioxide reduction calculation

2020								
Month	Central Building (kWh)	Multipurpose Building (kWh)	Engineering Technology Building (kWh)	Aesthetic and Music (kWh)	Office of Building (kWh)	Sport Center (kWh)	Ratchapruerk Stadium (kWh)	Overall
October	15230.3	8548.2	10043	1017.4	2247	5198.9	5044.8	47329.6
November	13245.3	8571.1	10282.6	1095.3	2446.2	5699.4	4924.9	46264.8
December	14541.8	9243	11017.3	1187.9	2619.2	6097.2	4930.1	49636.5
SUM	43017.4	26362.3	31342.9	3300.6	7312.4	16995.5	14899.8	143230.9
2021								
January	19094.7	12830.2	14457.6	1630.2	3577.3	8481.3	6865.3	66936.6
February	10526.9	6284.5	7604.6	769.6	1708.8	4093.3	3487	34474.7
March	16132.6	10278.1	11395.6	1207.8	2687	4894.5	5843.8	52439.4
April	19276.5	11683.4	12663.6	1343.8	2990.9	6806.4	6868.3	61632.9
May	20004.3	12519	13066.8	1404.7	3152.5	7123.4	7533.2	64803.9
June	17771.9	10829.2	11963.9	1227.9	2763	5920.5	6632.6	57109
July	17352.1	9477.4	10460	1170.3	2634.5	4130.5	6052.8	51277.6
August	18866.7	11914.3	12588.3	1355.4	3019	6824.7	7134.6	61703
September	17290.7	9980.3	11890	1171.4	2592	5887.4	6018.9	54830.7
SUM	156316.4	95796.4	106090.4	11281.1	25125	54162	56436.5	505207.8
Overall	199333.8	122158.7	137433.3	14581.7	32437.4	71157.5	71336.3	648438.7
Emission factor	0.4954	0.4954	0.4954	0.4954	0.4954	0.4954	0.4954	0.4954
Reducing carbon dioxide	98749.96452	60517.41998	68084.45682	7223.77418	16069.48796	35251.4255	35340.00302	321236.532