



2014 Commercial Building TAG Weighted Ranking of Technologies

Technology	Rank by Average Score	Average Rating	# Responses	Highest Rating	Lowest Rating	# of "5s"	# of "0s"	E3TNW Record #
Natural Ventilation for Nighttime Cooling	1	3.83	18	5	1	6	0	541
Energy Efficiency Vending Machines	2	3.31	16	5	0	3	1	547
Interior Storm Windows*	3	3.28	18	5	0	3	1	535
Light-transmitting Insulation	4	3.26	19	5	1	2	0	290
High Performance Windows Highly insulated (R-5 or higher) windows (super windows)	4	3.26	19	5	0	3	1	540
Integrated Workspace Controls	6	3.22	18	5	1	2	0	543
Daylight Redirecting Film*	7	3.21	19	5	2	2	0	513
Automated Dynamic Systems	8	3.08	13	5	1	2	0	529
Commercial/ Industrial CO2 Heat Pumps	9	3.07	15	5	0	1	1	293
Copiers of the Future	10	3.06	16	5	0	1	1	161
Intelligent Outlets*	11	3.06	18	5	0	2	1	468
Phase-change Materials	12	3.00	19	5	0	2	1	229
Modular Envelope Construction for Controlled Quality Construction Environment	12	3.00	16	5	0	2	1	534
Feedback from Operable Windows to HVAC Controls	14	2.95	19	5	1	1	0	537
Engineered Window Louvers for Daylighting	15	2.88	17	4	1	0	0	514
Thermally Broken Exterior Studs	15	2.88	17	4	1	0	0	532
Bouyancy-driven Natural Ventilation	17	2.76	17	5	0	2	1	521
High Performance Elevators*	18	2.71	17	5	0	1	1	471
Electrochromic Windows	19	2.70	20	4	0	0	1	262
Adaptive Exterior Shading Louvers	20	2.67	18	5	1	1	0	527
Interior Automated Window Shades	21	2.63	19	5	0	2	1	538
Vacuum Insulation Panels	22	2.60	15	4	0	0	1	531
Escalators with Occupancy Sensors	23	2.59	17	5	0	1	1	546
Mirrored Light Pipes	24	2.55	20	5	0	2	1	118
Insulated Concrete Forms for Commercial Applications	25	2.53	15	4	0	0	1	530
Insulated Cellular Shades	26	2.50	20	5	0	1	2	474
Occupancy-responsive Hot Water Recirculation	26	2.50	16	4	0	0	3	523
Glass Fritting for Adaptive Window Shading	26	2.50	16	5	0	1	2	539
Heat Pump Clothes Dryer	29	2.47	17	4	0	0	1	438
Ozone Washing Machines	30	2.46	13	4	0	0	2	548
Daylighting Sails	31	2.33	18	5	0	1	1	515
Energy-Efficient Water Coolers	32	2.31	16	4	0	0	3	542
Radio Frequency (RF) Clothes Dryers	33	2.31	13	5	0	1	1	545
Clothes Dryer Heat Recovery	34	2.27	15	4	0	0	2	544
Thermochromic Windows	35	2.25	20	4	0	0	2	263
Wastewater Heat Exchange System	35	2.25	16	4	0	0	1	416
Electrochromic Retrofit Window Coatings	37	2.20	20	4	0	0	1	419
High Speed Hand Dryers	38	2.18	17	4	0	0	3	127
Dual Building Envelopes	39	2.11	18	5	0	2	2	520
Heliostat	39	2.11	18	4	0	0	1	528
CO2 Washing Machines	41	1.93	15	4	0	0	5	512
Fiber Optics for Daylighting	42	1.85	20	4	0	0	4	143
Integrated Solar Concentrator Facade	43	1.83	18	4	0	0	2	533
Professional Wet Cleaning	44	1.53	15	4	0	0	5	482

* These technologies are scored