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PRESS RELEASE

Tokyo Metropolitan Government  
Bureau of Environment

**TMG Certifies Two “Top-Level Facilities”  
for Outstanding Global Warming Countermeasure Efforts  
Under the Tokyo Cap-and-Trade Program**

In FY 2010, the Tokyo Metropolitan Government (TMG) started the world’s first urban Cap-and-Trade Program for large facilities. Under this program, TMG annually certifies “Top-Level” and “Nearly-Top-Level” facilities that have demonstrated excellence in efforts to counter global warming. TMG certified a “Top-Level” facility and a “Nearly-Top-Level” facility in FY2018.

**Certified Facilities in FY2018**

Type	Group	Facility	Items Assessed
Top-Level	Group 1 Office Bldgs.	<b>TORANOMON HILLS</b> (Mori Building Co., Ltd.)	* Installation of high-efficiency heat source system using the medium temperature chilled water and large scale thermal storage tank * Installation of LEDs * Installation of 50kW PV
Nearly-Top-Level	Group 1 Office Bldgs.	<b>IIDABASHI GRAND BLOOM</b> (Mitsui Fudosan Co., Ltd.)	* Installation of high-performance building shells * Installation of high-efficiency heat source equipment and heat storage system * Intermittent heating and cooling during partial heat load

**Group 1:** office buildings, commercial facilities, research facilities, medical facilities, district heating and cooling plants, etc.



Tokyo Cap & Trade Program

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## Reference

# Top-Level Facility Certification under the Tokyo Cap-and-Trade Program

## Outline of the Top-Level Facility Certification

In the Tokyo Cap-and-Trade Program, facilities demonstrating outstanding performance in emissions reduction as well as in introduction, use and management of energy efficient equipment are certified as Top-Level Facilities that receive lower compliance factors according to their rate of progress.

The certification standards for Top-Level facilities represent the highest-level energy efficiency measures feasible at present, stipulating 213 different energy saving measures for office buildings, for example.

### ■ Compliance Factor applied for Top-Level Facilities

Group		Compliance Factor (Regular)	Top-Level-Facility (Reduced to 1/2)	Nearly-Top- Level Facility (Reduced to 3/4)
I -1	Office Buildings, other facilities and DHC plants (except facilities falling under Group I-2)	17 %	8.5%	12.75%
I -2	Facilities belonging to Group I-1, which use large amounts of DHC	15%	7.5%	11.25%
II	Facilities other than Group I-1 or I-2 (Factories and others)	15%	7.5%	11.25%

## Assessment Items for Top-Level facility Certification

○**General management items:** Establishment of cooperative structures for energy conservation, energy management status, etc.

○**Items concerning energy performance** (building shells and equipment): Energy efficiency of air conditioning, lighting and other facilities, equipment efficiency (COP), etc.

○**Items concerning operation of facilities:** Indoor temperature and humidity management, air conditioning and lighting, facility maintenance and management, etc.

Assessment Items	Office Buildings			Factories		
	Required	General	Additional	Required	General	Additional
<b>I General Management Items</b>	<b>17</b>	<b>4</b>	<b>2</b>	<b>17</b>	<b>4</b>	<b>2</b>
<b>II Energy Performance (Building shells and equipment)</b>	<b>25</b>	<b>39</b>	<b>51</b>	<b>14</b>	<b>51</b>	<b>133</b>
<b>III Operation of facilities</b>	<b>14</b>	<b>53</b>	<b>8</b>	<b>32</b>	<b>49</b>	<b>50</b>
<b>Subtotal</b>	<b>56</b>	<b>96</b>	<b>61</b>	<b>63</b>	<b>104</b>	<b>185</b>
<b>Total (Required +General)</b>	<b>213 (152)</b>			<b>352(167)</b>		

In order to acquire the certificate, the facility needs to have over 200 items checked in relation to the energy performance, operation, and the management of the facilities and building, and the score has to be 70 or better for Nearly-Top-Level, and 80 or better for Top-Level.

## Status of the Top-Level Facility Certification

In the second compliance period, 64 facilities have been certified as Top-Level as of the end of FY 2017.

An increase number of facilities use the standard as reference guidelines for energy efficiency in design and renovation processes.

	FY 2015	FY 2016	FY 2017	FY 2018	Total
Top-Level Facilities	15	9	5	1	30
Nearly-Top-Level Facilities	19	11	5	1	36
Total	34	20	10	2	66

## Examples of energy saving efforts at Top-Level-Facilities

