

The improvement effects using
 TRINC's Phazed Array Ionizer® have been received an award
 “2022 Energy Conservation Grand Prize,
 Minister Prize of Economic, Trade and Industry”



“Phazed Array Ionizer® = ESG’s effective means” are demonstrated
 Examples of Toyota Industries Corporation, Anjo Plant Improvements

Problem before introduction The entire factory was air-conditioned for product quality control, but in the winter when the humidity drops, a large amount of steam was required to humidify the factory, resulting in an increase in the consumption of LNG (liquefied natural gas).

Measures content **Installation of Phazed Array Ionizer®**
The devices were installed in areas intensively where static electricity countermeasures were especially important.

Achievement

- A higher level of static electricity countermeasures came to be possible
- Relaxation of humidity control level
- Reduction of plant LNG (liquefied natural gas): **40%**

	Conventional	After introducing Phazed Array Ionizer®	Reduction amount
LNG amount used (1,000 Nm ³ /year)	343	205	-138
CO ₂ equivalent (t-CO ₂ /year)	785	469	-316

