Supplementary notes

Northern Taiwan (Taipei, New Taipei and Keelung):

Hsinchu and Nearby Regions (Taoyuan, Hsinchu and Miaoli):

Central Taiwan (Taichung, Changhua, Nantou):
Chiayi and Nearby Regions (Yunlin, Chiayi, Tainan):

Southern Taiwan (Kaohsiung and Pingdong):

Heat Map for Traffic Factors in Northern Taiwan

Heat Map for Power Factors in Northern Taiwan
The darker areas indicate more data points in the areas and the ideal level of the factors (under the condition of minimum PM2.5 among 110 data sets). Suggested level for each factor is listed below.

Tractor Trailer: Remain 100% or reduce to 90~50%
Passenger Car: Remain 100% or reduce to 90~80%
Small Truck: Reduce to 20%~10%
Semi-Truck: Remain 100% or reduce to 90~80%

Coal: Reduce to 20%~10% or under 10%
Nuclear: Reduce to 80%~70%
Oil: Reduce to 60%~40%

Heat Map for Traffic Factors in Hsinchu and Nearby Regions

Heat Map for Power Factors in Hsinchu and Nearby Regions
The darker areas indicate more data points in the areas and the ideal level of the factors (under the condition of minimum PM2.5 among 110 data sets). Suggested level for each factor is listed below.

**Central Taiwan**
- Tractor Trailer: Reduce to under 20%
- Passenger Car: Reduce to under 20%
- Small Truck: Reduce to under 20%
- Semi-Truck: Reduce to 90% or 70%

**Chiayi and Nearby Regions**
- Tractor Trailer: Reduce to under 10%
- Passenger Car: Reduce to 90–70%
- Small Truck: Reduce to 20–10%
- Semi-Truck: Remain 100% or reduce to 90%

The initial condition is already at the minimum PM2.5 level among 441 data sets. Suggested level for each factor is listed below.

- Coal: Remain 100%
- IPPGas: Remain 100%

Only 21 PM2.5 data sets are lower than the initial PM2.5 condition, 20 of which are listed here. The darker areas indicate more data points in the areas and the ideal level of the factors. Suggested level for each factor is listed below.

- IPPCoal: Reduce to 70–65%
- IPPGas: Reduce to 100%, 90%, or 80%
Heat Map for Traffic Factors in Southern Taiwan

The darker areas indicate more data points in the areas and the ideal level of the factors (under the condition of minimum PM2.5 among 110 data sets). Suggested level for each factor is listed below.

- Tractor Trailer: Reduce to 20%
- Passenger Car: Reduce to 90%~70%
- Small Truck: Reduce to 50%~30%
- Semi-Truck: Remain 100% or reduce to 50%

Heat Map for Power Factors in Southern Taiwan

The darker areas indicate more data points in the areas and the ideal level of the factors (under the condition of minimum PM2.5 among 110 data sets). Suggested level for each factor is listed below.

- Coal: Remain 100% or reduce to 70%
- Nuclear: Remain 100% or reduce 80% or 60%
- Gas: Reduce to 60%~40%