

EMB to establish its National Air Quality Network Operation Center

The Environmental Management Bureau (EMB) is establishing a system which will act as a central repository of all data and information related to industrial emissions of firms with Continuous Emission Monitoring Systems (CEMS) / Continuous Opacity Monitoring System (COMS). Through the Air Quality Network Operation Center, the Bureau aims to monitor the compliance of industries through transmission of air quality data in real time.

This initiative is in line with the implementation of DAO 2017-14 or the “Online transmission of Data from CEMS/COMS of Major Industries” and EMB Memorandum Circular No. 2020-003, otherwise known as *Mandating All EMB Regional Offices (EMB-ROs) to Establish an Air Quality Network Center using a Uniform Data Acquisition and Handling System (DAHS) which shall Act as Repository of Industrial Emission of Firms Required to Install Continuous Emission Monitoring Systems (CEMS)/Continuous Opacity Monitoring System (COMS)*.

As of this writing, there are already ten (10) firms connected to the Air Quality Network Operation Center of the EMB and a number of companies from fifteen (15) EMB Regional Offices committed to connect with the Air Quality Network Operation Center.

Below are the scheduled test connections from all firms with CEMS/COMs nationwide:
CEMS Work Plan for CY 2021

Summary of CEMS Work Plan for CY 2021

Coal-Fired Power Plants							
Connected to EMB DAHS	Scheduled for CY2021				Under commissioning stage	Awaiting updates until 26 Mar 2021	Total
	Q1	Q2	Q3	Q4			
8	3	9	1	4	4	7	36
Cement Plant							
Connected to EMB DAHS	Scheduled for CY2021				Under commissioning stage	Awaiting updates until 26 Mar 2021	Total
	Q1	Q2	Q3	Q4			
4	1	8	3	0	3	6	25
Natural Gas							
Connected to EMB DAHS	Scheduled for CY2021				Under commissioning stage	Awaiting updates until 26 Mar 2021	Total
	Q1	Q2	Q3	Q4			
0	0	0	4	0	0	0	4
Others (Sintering, co-gen, etc.)							
Connected to EMB DAHS	Scheduled for CY2021				Under commissioning stage	Awaiting updates until 26 Mar 2021	Total
	Q1	Q2	Q3	Q4			
1	0	2	0	1	0	1	5

Below is the list of firms with CEMS/COMS under the CY 2021 EMB Workplan based on their commitments for the test connection to the EMB DAHS. [Link to Excel file.](#)