

**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

ENB059

Question Serial No.

5034

Head: 42 Electrical and Mechanical Services Department Subhead (No. & title):

Programme: (1) Energy Supply; Electrical, Gas and Nuclear Safety

Controlling Officer: Director of Electrical and Mechanical Services

Director of Bureau: Secretary for the Environment

Question:

Regarding the inspection of filling stations for liquefied petroleum gas (LPG) vehicles, would the Administration please advise:

- (a) the current number of dedicated and non-dedicated LPG filling stations (according to district distribution);
- (b) the average monthly utilisation rate in table form for each dedicated and non-dedicated filling station in the past three years (i.e. year 2010-11 to year 2012-13);
- (c) the current number of filling nozzles in table form for each dedicated and non-dedicated filling station;
- (d) the details of inspection by the Administration and the average inspection frequency for each LPG filling station;
- (e) whether the Administration has conducted any evaluation and comparison of the efficiency (such as average refilling time per vehicle, the ratio between the numbers of vehicles served and dispenser operators) for dedicated and non-dedicated LPG filling stations in the same district. If yes, what are the results of evaluation and comparison? If no, what are the reasons?;
- (f) whether the Administration has any measures to improve the efficiency of LPG filling stations, and the expenditures of related measures?

Asked by: Hon. TANG Ka-piu

Reply:

- (a) At present, there are 12 dedicated LPG filling stations and 49 non-dedicated LPG filling stations. Their geographical distribution is shown in the following table:

District	Hong Kong	Kowloon	New Territories and Islands
No. of dedicated LPG filling stations	3	4	5
No. of non-dedicated LPG filling stations	7	9	33

- (b) Based on the operational records provided by the operators, the monthly utilisation rates for the 12 dedicated LPG filling stations in the past three years are shown in the following table. Since the monthly utilisation rate of each dedicated LPG filling station is commercial information of each operator, the required information is presented in ranges. The Administration does not have monthly utilization rates of non-dedicated LPG filling stations.

Year	2010/11	2011/12	2012/13 (up to February 2013)
Monthly utilisation rate for dedicated LPG filling station (vehicles/month)	33 500 to 94 300	39 600 to 124 700	36 500 to 127 800

- (c) The number of nozzles for each dedicated and non-dedicated LPG filling station is shown in Annex.
- (d) The inspection by the Electrical and Mechanical Services Department (EMSD) mainly involves checking the safety of LPG storage and dispensing facilities, LPG replenishing arrangements and operation of LPG filling facilities. Such inspection is usually conducted twice for each LPG filling station a year.
- (e) Evaluation and comparison of the efficiency of LPG filling stations is not feasible as the efficiency would be affected by a number of factors such as patronage preference, which include shift-changing period, popularity of the location, retail price of LPG at station, refilling pattern and brand preference, etc.
- (f) LPG vehicles usually queue up for refilling during shift-changing periods, in particular at those dedicated LPG filling stations at popular locations. Outside shift-changing periods, the waiting time is not long even at dedicated LPG filling stations. EMSD will continue to encourage LPG vehicle users to go for refilling during off-peak hours. This is part and parcel of EMSD's on-going publicity activities and the workload has been absorbed under the existing provision.

Name in block letters: CHAN Fan

Post Title: Director of Electrical and Mechanical Services

Date: 2.4.2013

Number of Nozzles of LPG Filling Stations in 2013

	Company	Location	No. of Nozzles
		Hong Kong	
1*	Sinopec	Fung Mat Road, Sheung Wan	12
2*	ECO	9 Fung Yip Street, Chai Wan	24
3*	ECO	Marsh Road, Wan Chai	10
4	Caltex	Pokfulam Road	4
5	ExxonMobil	66 Wong Chuk Hang Road, Aberdeen	4
6	Feoso	23 Fung Yip Street, Chai Wan	4
7	Feoso	Java Road, North Point	16
8	ExxonMobil	34 Stanley Village Road, Stanley	2
9	Sinopec	Chong Fu Road, Chai Wan	4
10	ExxonMobil	Sheung Mau Road, Chai Wan	8
		Kowloon	
11*	ECO	Ngo Cheung Street, West Kowloon	24
12*	ECO	111 Sham Mong Road, Mei Foo	14
13	Caltex	5 Fung Shing Street, Po Kong Village	8
14	ExxonMobil	7 Kai Fuk Road, Kowloon Bay (East Bound)	4
15	ExxonMobil	4 Kai Fuk Road, Kowloon Bay (West Bound)	4
16	Shell	5 Kai Fuk Road, Kowloon Bay (East Bound)	4
17	Shell	8 Kai Fuk Road, Kowloon Bay (West Bound)	4
18	Feoso	332 Tai Po Road, Sham Shui Po	4
19*	Sinopec	Wai Lok Street, Kwun Tong	24
20*	Sinopec	Cheung Yip Street, Kowloon Bay	10
21	ExxonMobil	Princess Margaret Road, Ho Man Tin	4

22	Sinopec	Cornwall Street, Kowloon Tong	4
23	Sinopec	Wang Chin Street, Kowloon Bay	4
		New Territories & Islands	
24*	Sinopec	Tak Yip Street, Yuen Long	12
25*	Sinopec	1 Kwong Chun Street, Yuen Chau Tsai, Tai Po	24
26*	Sinopec	J/O Kwai Chung Road & Kwai On Road, Kwai Chung	14
27*	Sinopec	Hang Yiu Street, Ma On Shan	12
28*	ECO	7 Yip Wong Road, Tuen Mun	10
29	Caltex	Clear Water Bay Road, Sai Kung (near TV City entrance)	4
30	Caltex	Sha Tau Kok Road, Fanling (near Lung Yeuk Tau)	6
31	Sinopec	53-67 Tsing Yi Road, Tsing Yi	4
32	Sinopec	12 Yuen On Street, Siu Lek Yuen, Shatin	8
33	Sinopec	Kam Tin Road, Yuen Long (near Shek Kong)	4
34	Sinopec	J/O Pak Wo Road & Yat Ming Road, Fanling	8
35	ExxonMobil	99 Castle Peak Road, Kwai Chung	4
36	ExxonMobil	739 Castle Peak Road, Tsuen Wan	4
37	ExxonMobil	698 Castle Peak Road, Kwai Chung	4
38	ExxonMobil	4 Tong Yan Shan Road, Ping Shan, Yuen Long	4
39	ExxonMobil	Hiram's Highway, Sai Kung (near Sai Kung Tuk)	2
40	ExxonMobil	11 On Ping Street, Shek Mun, Shatin	6
41	ExxonMobil	21 Po Lam Road, Tseung Kwan O	6
42	Shell	100 Po Hong Road, Tseung Kwan O	6
43	Shell	6 Cheong Lin Road, Chek Lap Kok	4
44	Shell	21 On Shan Lane, Ma On Shan	4

45	Shell	682-688 Castle Peak Road, Kwai Chung	4
46	Sinopec	9 Tong Yan Shan Road, Ping Shan, Yuen Long	4
47	Sinopec	Fuk Hang Tsuen Road, Lam Tei, Tuen Mun	4
48	ExxonMobil	38 Hoi Wah Road, Tuen Mun	6
49	ExxonMobil	183 Tsing Yi Road West, Tsing Yi	8
50	Sinopec	123 Ping Ha Road, Tin Shui Wai	4
51	ChinaOil	J/O Yu Tung Road & Chung Yan Road, Tung Chung	6
52	Sinopec	9 Hei Tung Street , Tung Chung	6
53	Sinopec	Tai Po Road, Tai Po (near Tai Po Kau)	8
54	Sinopec	23 Hei Tung Street, Tung Chung	4
55	Sinopec	Kam Tin Road, Yuen Long (near Au Tau)	12
56	ChinaOil	Kam Tin Road, Yuen Long (near Shek Kong)	4
57	ExxonMobil	339 Jockey Club Road, Fanling	4
58	Shell	J/O Kam Sheung Road & Pat Heung Road, Yuen Long	4
59	Sinopec	Castle Peak Road, Yuen Long (near Fu Sha Wai)	6
60	Sinopec	690 Castle Peak Road, Tsuen Wan	4
61	Sinopec	HK International Airport Airside Filling Station No. 2 (for airport internal vehicles)	2
		Total:	440

Note: Dedicated LPG filling stations are marked with an asterisk (*).