

The E20 Gasohol Promotion Policy

1. The E20 Gasohol Policy by Energy Ministry

The promotion policy for E20 gasohol (octane no. 95) uses in 2008 to 2011 as estimated by EPPO is as follows.

	2008	2009	2010	2011
E 20 Gasohol distribution (ml/day)	0.25	0.58	0.90	1.23
Distribution proportion of E20 comparing with gasoline and total gasohol (%)	1.2	2.6	4.0	5.3

Source: EPPO, *the Energy Policy and Planning Office*

To promote using of E20 gasohol, an Energy Ministry designated its retail price at 2.0 baht/l lower than E10 gasohol or at 6.0 baht/l lower than gasoline 95 (pricing in January 3rd 2008 of E20 gasohol at 27.29 baht/l and E10 gasohol at 29.29 baht/l with a 33.29 baht/l of gasoline 95)

The DOEB Notification, Re: Requirements on Gasohol Quality and Qualifications in 2008, was issued on 22nd of November 2007 and in effective on January 1st 2008 onwards. The requirements on E20 gasohol quality and qualifications were added in this DOEB Notification.

2. E20 Gasohol Situations

- E20 Gasohol for vehicles

Thailand Automotive Industrial Association informed that there would be 100,000 cars fueled by E20 gasohol for distribution in 2008. Any additional sales got by automotive companies would be informed later on.

Presently there are 6 automotive brands of car fueled by E20 gasohol for selling (source: Thailand Automotive Industrial Association, dated 25th January 2008), i.e.

- 1) Ford in models of Focus and Escape 3000 CC (selling since 2005)
- 2) Hpnda in models of Accord, CR-V, Civic and City (selling in 2008)
- 3) Mazda in a model of Mazda 3 (selling in 2008)
- 4) Mitsubishi in models of Space Wagon and Lancer (selling in 2008)
- 5) Nissan Tida and Nissan Teana (selling in 2008)
- 6) Toyota in models of Corolla, Vios, Yaris and Camry (selling since February 2008)

- E20 Gasohol Petrol Stations

On 1st of February 2008. there were 18 PTT stations for selling E20 gasohol with increasing to 25 stations in the February, whereas Bangchak selling in its 10 petrol stations with

increasing to 20 stations within March 2008. Both oil companies started selling E20 gasohol since 1st January 2008.



the PTT E20 Plus are selling at 18 PTT petrol stations, i.e.

- a PTT petrol station at the resting area of ShalermMahaNakprn toll way outbound (BangNa Outbound)
- a PTT petrol station at Bangbond
- a PTT petrol station at Directorate of Aeronautical Engineering
- a PTT petrol station at Battery Organisation of Thailand
- a PTT petrol station at Oil Petroleum Co. Ltd (Ram Intra)
- a PTT petrol station at Suwajchai Oil (Wibhawadee)
- a PTT petrol station at Kasetnawamin Petroleum Co. Ltd
- a PTT petrol station at T 3 J Co. Ltd (Rachaprouk)
- a PTT petrol station at Air Port 2 (DonMuang)
- a PTT petrol station at Head Quarter
- a PTT petrol station at Naakswad (Bangbaw)
- a PTT petrol station at Karom Service (Ram Intra)
- a PTT petrol station at TKT Commercial Co. Ltd (Ram Intra)
- a PTT petrol station at PraThain Kaan Petroleum (Rachaprouk)
- a PTT petrol station at PetchRachaprouk Petroleum (Rachaprouk)
- a PTT petrol station at Oil Petroleum (Tiwanont)
- a PTT petrol station at Thuppha Kawn (Nakorn In –Bang Grouy Rd)

the 5 Bangchak petrol Station selling of E20:

- SuKhaPhiBaan 1
- Kaset
- RamIntra - Ardnarong 1
- RamIntra - Ardnarong 2
- Ekamai
- Rama III
- Bangna-Trad , at 22th kilometer
- PrachaUthit
- Pinklao-NajornChaisi
- Jarunsanitwong



3. Excise Tax for E20 gasohol fueled car

Ministry of Finance had issued its Notification Re: Reducing the Excise Tax (No.80) dated 9th November 2007 (Attachment 2) with effective in 1st of January , 2008 onwards. The reduction on excise tax for cars capably fueled by ethanol blended with gasoline, at not less than 20 percent, as follows.

- car with cylinder capacity of not exceeding 2,000 cc and engine power at not over 220 HP, an excise tax rate reduced to 25 percent from the previous of 30 percent (ceiling rate is at 50%)

- car with cylinder capacity of > 2,000 cc – 2,500 cc and engine power at not over 220 HP, an excise tax rate reduced to 30 percent from the previous of 35 percent (ceiling rate is at 50%)

- car with cylinder capacity of > 2,500 cc – 3,000 cc and engine power at not over 220 HP, an excise tax rate reduced to 35 percent from the previous of 40 percent (ceiling rate is at 50%)

- car with cylinder capacity of over 3000 cc and engine power at over 220 HP, an excise tax rate is fixed at the same 50 percent as previous.

To benefit from such the new excise tax rate, the car fueled by E20 gasohol shall complete all of these performances, i.e.

1. a car design for fuelling by ethanol blended with gasoline of a minimal 20 percent and directly manufactured for such car models by that own car company.

2. a car warrantee from its manufacturer for a capability of ethanol fuelling by 20% (at minimum) ethanol blended with gasoline.

3. Shall recognize by the Pollution Standard Accreditation from TISI, the *Thailand Industrial Standard Institute*, at not lower than TIS 2160-2546.