

Performance Data

Performance indicators	2012	2013	2014	2015	2016
Finances and operations					
Total assets (RMB billion)	3,409.4	3,757.4	3,938.4	4,034.1	4,069.8
Owner's equity attributable to parent company (RMB billion)	1,636.2	1,787.5	1,978.4	2,079.4	2,098.0
Operating revenues (RMB billion)	2,683.5	2,759.3	2,730.0	2,016.8	1,871.9
Taxes and fees paid (foreign taxes and fees inclusive)(RMB billion)	451.3	464.8	458.9	375.7	349.7
Newly-added proved oil reserves (million tons)	111.206	115.629	99.543	75.739	78.81
Newly-added proved gas reserves (billion cubic meters)	176.06	310.32	212.69	276.49	135.1
Crude oil production (including overseas equity output) (million tons)	151.88	159.81	164.17	166.57	162.98
Natural gas production (including overseas equity output) (billion cubic meters)	93.5	103.9	113.9	116.7	121.3
Crude runs (including overseas) (million tons)	191.45	188.55	196.98	195.24	191.67
Refined products output (million tons)	127.30	128.09	131.04	135.80	131.32
Ethylene output (million tons)	3.69	3.98	4.98	5.03	5.59
Lubricant output (million tons)	1.84	1.89	1.58	1.21	1.16
Marketing volume of refined products (domestic) (million tons)	116.62	118.33	117.02	116.25	113.03
Number of service stations (domestic)	19,840	20,272	20,386	20,714	20,895
Mileage of crude pipelines (km)	16,369	17,640	18,132	18,917	18,897
Mileage of refined products pipelines (km)	9,437	9,534	10,086	10,091	10,560
Mileage of natural gas pipelines (km)	40,995	45,704	50,836	50,928	51,734
Safety					
Total number of accidents	148	197	215	237	270
Fatality rate (person/million working hours)	0.003	0.0047	0.005	0.003	0.0025
Fatality rate (person/million working hours)- employee	0.003	0.0028	0.0045	0.0029	0.0024
Fatality rate (person/million working hours)-contractor	0.003	0.0144	0.0078	0.0033	0.0026
Fatality rate per thousand vehicles in traffic accidents (%)	0.085	0.046	0.103	0.046	0.085
Environment					
COD emissions (metric tons)			31,300	28,800	*
NH ₃ -N emissions (metric tons)			12,500	11,700	*
SO ₂ emissions (metric tons)			197,300	142,400	*
NO _x emissions (metric tons)			177,900	148,700	*
Energy saved (million tons of TCE)	1.31	1.18	1.26	1.16	0.95
Water conserved (million cubic meters)	24.35	24.40	24.62	20.61	13.39
Land saved (hectares)	1,200	1,225	1,232	1,200	1,135

Outlook for 2017

In 2017, the world economy will experience a difficult recovery amid twists and turns, whereas China's economy will have a bumpy road ahead while making steady progress. With slowing down growth in oil and gas demand, the Company will still face great challenges in its development. However, as the Chinese government is providing unprecedented support for the reform and development of state-owned enterprises and the industry remains prospective, the company still enjoys a solid foundation and advantages for growth. In this context, by looking into opportunities and challenges, we are committed to continuously implement our strategies of resources, markets, internationalization and innovation, and keep a balance between seeking progress and maintaining stability.

We will continue to take targeted measures for reform and restructuring, and focus on innovation-driven development as well as quality and efficiency improvement. We are devoted to push ahead with corporate image promotion and corporate culture enriched by the Oil Spirit to ensure stable and steady development of the company.

We will enhance quality and efficiency, and promote the development of our core businesses in a coordinated manner. According to the business orientation of "preferential, effective, accelerated and coordinated development", we will continue to strengthen the connection among production, refining, transportation, marketing, storage and trading, make good use of both domestic and international markets and resources, and optimize the organization of production and resource allocation, to maximize overall effectiveness.

We will stick to law-based corporate governance and improvement of regulation & control system to achieve compliance management throughout the company. More efforts will be made in the quantitative verification of the HSE management system, risk prevention and control, major hidden hazard management, and energy conservation and emissions reduction. Special programs on quality improvement will be implemented in order to achieve excellent QHSE performance.

Putting people first, we will strengthen the cultivation of innovative talents, push ahead with major programs on talent development, safeguard the legitimate rights and interests of employees, set up platforms for career development, improve work and living conditions, to ensure all employees benefit from the Company's growth.

We will be committed to fulfill social responsibilities including educational donations, poverty alleviation, disaster relief and staff voluntary activities. Through our construction projects, we will help local employment, and support economic and social development.

2017 is an important year for us to implement the "13th Five-year Plan", tackle bottlenecks in reform and push forward innovation-driven development. We will firmly build up and implement new concepts on development, pool the wisdom, deepen reform and innovation, and promote steady development with concerted efforts of all employees, in an effort to build a world-class integrated international energy company, and to make new contributions to steady and sound economic development and social harmony and stability of China.

Performance Data (continued)

Staff					
Number of employees in service	1,539,300	1,534,000	1,500,200	1,518,200	1,463,700
Occupational health examination ratio (%)	93.5	94	97	98	98
Investment in Public welfare					
Total contribution (RMB million)	936.45	850.89	1007.60	1,366.03	621.41
- Poverty alleviation (RMB million)	263.41	227.44	206.87	341.10	197.67
- Disaster-relief (RMB million)	24.87	74.87	168.66	5.88	1.92
- Education (RMB million)	196.48	253.65	128.17	238.03	89.56
- Charity donation (RMB million)	286.74	163.40	395.26	632.03	239.85
- Environmental charity (RMB million)	164.95	131.53	108.64	148.99	92.41

*As of the date the report released, the statistics of COD, NH₃-N, SO₂ and NO_x emissions of the Company in 2016 are under review of the Ministry of Environmental Protection of PRC (MEP), which will be publicized once verified. The verified statistics for the year 2015 shall be published in this report next year.