



中国大唐集团公司
China Datang Corporation

2007 Social Responsibility Report



Supplying Clean Power
Lighting Happy Life

... About the Report

This is the second social responsibility report published by China Datang Corporation. (CDT). In order to enhance the completeness, accuracy, clarity and reliability of the Report, we made the following improvements compared with that of 2006:



The Logo is the combination of the Chinese characters Da and Tang in Xiao Zhuan, an ancient style of Chinese character. The pattern resembles the ancient Chinese bell in shape, steady like Mountain Tai, implicating steady and pragmatic working style as well as solid career. There is round in square and square in round in the characters, signifying fairness, justice, unity and harmony. The typical Chinese red color is adopted, embodying the rich ethnical characteristic and symbolizing the bright future and prosperous development.

- While continuously referring to the *Sustainable Development Report Guide* (2006 version) of the *Global Reporting Initiative* (GRI), we consulted the SA8000 Standard of Social Accountability International (SAI) and accepted the comments and advice of the experts in reviewing 2006 Social Responsibility Report.
- Our social responsibility performance in key fields was disclosed in a detailed and focusing manner.
- Social Responsibility Index System of China Datang Corporation was set and the performance index system in the Report was further adjusted and perfected based on the system by increasing from 142 indexes and over 270 data to 256 and over 560.
- In the Stakeholders' Table, the location of the detailed information of the item in the Report was clearly marked so as for the supervision of the stakeholders. The comments on our work from some stakeholders were also added.
- DNV was invited to verify the Report.
- In the chapter of Perspective, the work goal of 2008 was clearly presented for supervision of stakeholders.
- The information release about corporate governance was improved, especially the work conducted for good governance and anti-corruption in 2007 was published as emphasis in the Report.
- A mouse pattern was added on footers of some pages in the network version of the Report. You can click the pattern for more linking information when you browse the Report on our website (<http://www.china-cdt.com>).

For more convenient expression and reading, China Datang Corporation is also called as "China Datang", "Datang Group", "CDT" or "we" in the Report.



2007 Social Responsibility Report

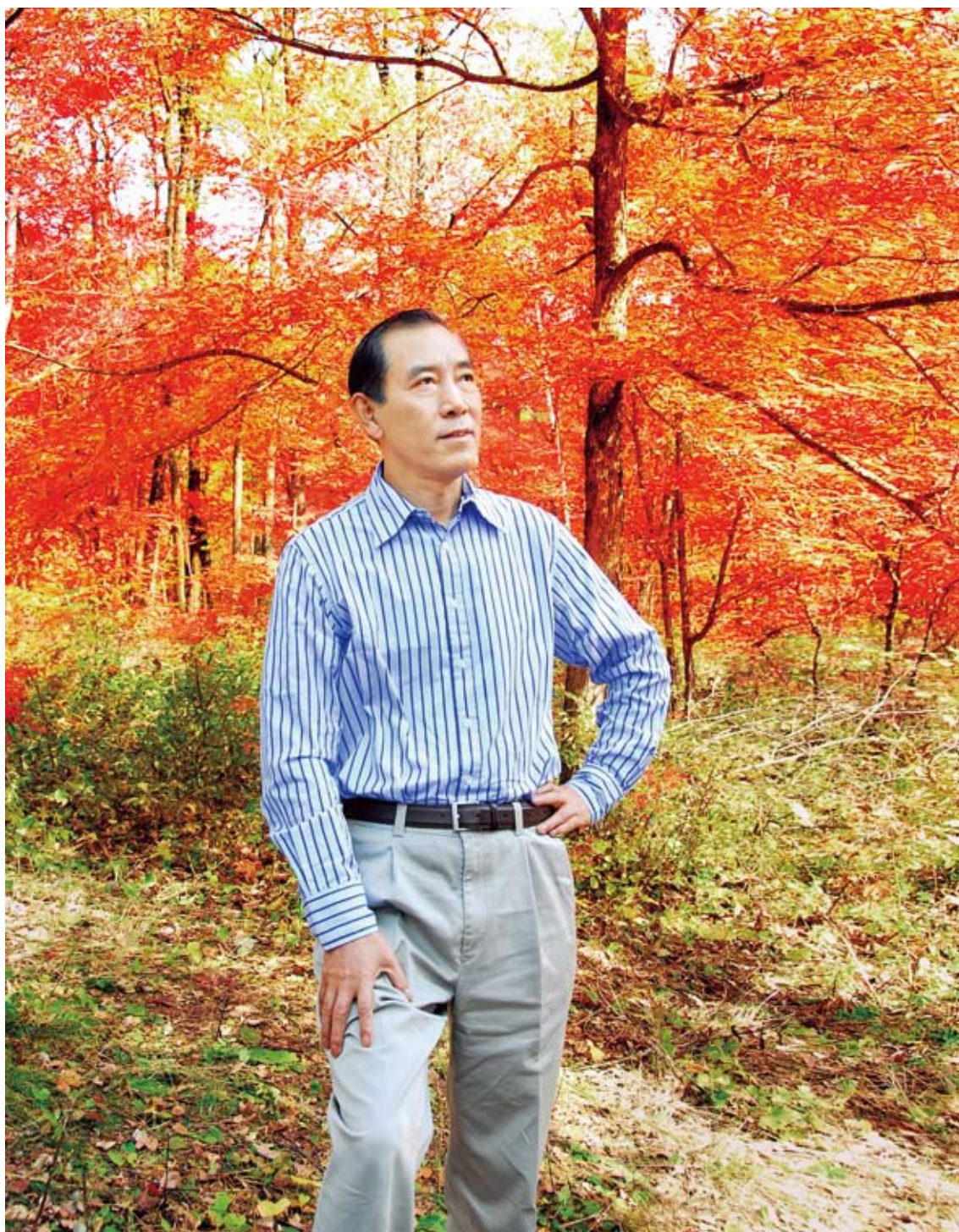
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… Message from the President



2007, We Experienced Together

China Datang Corporation (CDT) published the first social responsibility report in 2007 since the establishment, which created a new bridge of communication and exchange between CDT and all walks of life. Over the year, we seriously implemented the scientific outlook on development, consciously incorporated social responsibility into the enterprise strategy, enterprise culture and the whole process of operation and management, and promoted the optimized, safe, clean, economical and common development with our full might.

In 2007, we made new breakthrough in structure adjustment. The first batch of units of Longtan Hydropower Project was put into operation ahead of schedule, which made Longtan the second largest hydropower station in operation in China. The largest wind farm in the world was successfully accomplished and the installed capacity of wind power of CDT exceeded 1,000MW. CDT took the lead in carrying out the national policy of Setting up Large Capacity Units and Shutting down Small Capacity Units and became the power generation corporation with the most capacity of shutting down small capacity thermal units nationwide. We strived to exploit international market and achieved "zero" breakthrough in overseas investment projects. We actively expanded the upstream and downstream industries of power generation and fulfilled the "zero" breakthrough in developing coal mine projects as holding party. CDT continued to optimize the structure of power sources, unit structure, industrial structure and regional layout and the development quality was significantly enhanced.

In 2007, we made new achievements in energy saving and emission reduction. We seriously implemented the gist of national work conference on energy saving and emission reduction and defined 2007 as Economical Year. The energy saving and emission reduction management system was further improved; the long effective mechanism of energy saving and emission reduction was basically formed; the environmental protection devices construction and technological retrofit on energy saving and emission reduction were accelerated, making CDT ranking among the first in China in terms of the desulphurization equipment capacity; cycle economy was actively developed and the comprehensive utilization rate was substantially improved. All the consumptive indexes and pollutants discharge indexes continued to decrease and the annual goal of energy saving and emission reduction during the 11th Five-Year-Plan Period was accomplished ahead of schedule.

In 2007, we achieved new span in operation and management. We continuously maintained the good trend of sustainable and fast development and the total installed capacity exceeded 60,000MW. We

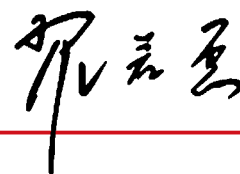
adhered to the principle of Safety First and continued to strengthen management to ensure safe and stable power supply. We actively conducted sales and marketing work and the power generation amount exceeded 300 billion kWh. We intensified the benefit concept and improved management in an all-round way so that the profit was steadily increasing, the maintaining and increasing of the value of state-owned assets were ensured and the shareholders were returned with good profits.

In 2007, we made new progress in harmonious enterprise construction. We defended the legal rights and benefits of staff with full strength, strived to create a safe and healthy working environment for staff and continued to set up a platform of common growth for staff and enterprise. We promoted the prosperity of local economy through our development and offered more employment opportunities for the society. We consistently supported the public welfare undertakings and actively took part in the public welfare activities such as poverty alleviation and disaster relief. We insisted on managing the enterprise according to the law, operating in a standard manner and abiding by our commitments to realize collaboration and win-win. We strengthened the good cooperative relationship with local governments and partners.

In 2007, we opened a new chapter in performing social responsibility. With compiling and issuing the first social responsibility report as the good opportunity, we summarized the practices and achievements of social responsibility performance since the establishment of CDT in an all-round way. We hold lectures and seminars on corporate social responsibility and enterprise open-to-public activity. Based on the ten principles of UN Global Compact and our own actual situation, the social responsibility index system of China Datang Corporation was preliminarily established, the leading organization and work team were set up, and the normal mechanism of corporate social responsibility work was formed.

On May 1st, 2008, China Datang Corporation formally became a member of UN Global Compact. With this as the new start, we will implement the ten principles of UN Global Compact and international treaties signed by Chinese government in an all-round manner, fully perform our corporate social responsibility, work closely with all walks of life to create a better tomorrow and strive to promote the all-round, coordinated and sustainable development of economy, environment and society.

Mr. Zhai Ruoyu, President of CDT



... Brief Introduction



China Datang Corporation was established on the basis of the partial power generation assets of former State Power Corporation of China. It is a solely state-owned corporation directly managed by the CPC Central Committee and is the experimental state-authorized investment and state share-holding enterprise ratified by the State Council. The registered capital is 15.39 billion yuan. CDT is mainly specialized in such business as production and supply of electric power and heat and relevant professional technical services.

By the end of 2007, the power generation assets of CDT in operation and under construction have been widely distributed over 27 provinces (municipalities or autonomous regions), including 92 power generation enterprises in operation with total installed capacity of 64,823.4MW, total assets of 294.9 billion yuan and 82,951 employees.



● Allocation Map of Assets in Operation and under Construction of CDT



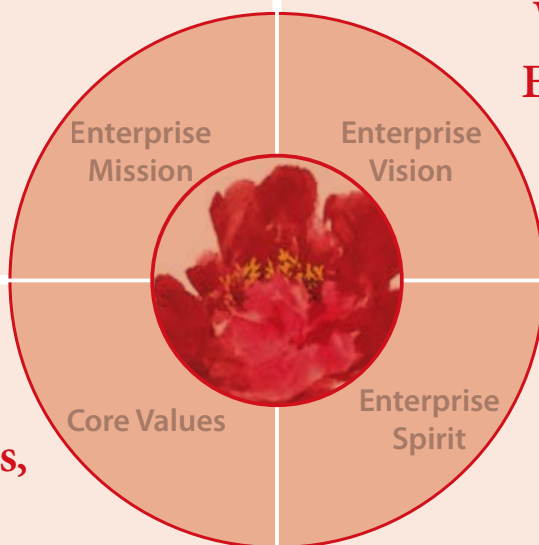
... Enterprise Values



**Supplying
Clean Power,
Lighting
Happy Life**



**World First-class
Energy Enterprise**



**People First,
Harmony Precious,
Efficiency &
Profit Priority**

**Pragmatic,
Harmonious,
Dedicated and
Spanning**



... Development Strategy

The development strategy is: to build CDT into a managerial and share-holding type of market-oriented, group, modernized and internationalized large-scaled power enterprise group with fairly strong development capability, profitable capability and international competitiveness.

● Diversified Development with Power as the Core and Transnational Operation Stage 2011-2020

The objective is that the diversified business related to coal, railway, environmental protection, logistics and power industry will have a scale and cover a certain proportion in the total sales revenue of CDT while realizing the sound and fast development of CDT and larger and stronger development of power generation; the international business will be expanded gradually and a certain scale and steady revenue will be achieved; CDT's development capability, profitability, international competitiveness and influence will be further strengthened and CDT will become a world first-class energy group with international competitiveness playing a key role in national economy development.

● Fast, Sustainable and Coordinated Development Stage 2006-2010

The objective is that the group management and operation system will be more mature; the core business - power generation will be developed to a large extent; the simultaneous growth of scale and benefit will be achieved; power sources layout will be more reasonable; the structure of power sources and unit will be obviously improved; the energy-saving and emission reduction will make remarkable progress; CDT's development capability, profitability and competitiveness will be greatly enhanced. The installed capacity, power generation amount, sales revenue and profit will be doubled by 2006 compared to those in 2002, the installed capacity will exceed 90,000MW by 2010 and CDT will enter FORTUNE Global 500 in 2010.

● Pioneering Stage 2003-2005

The objective is to tamp the development foundation of CDT, basically set the development strategy system, basically establish the group management and operation system, further perfect the management system, preliminarily form the enterprise culture with CDT's own characteristics and realize "Three Breakthroughs" by the end of 2005, i.e. the installed capacity exceeding 40,000MW, the power generation amount exceeding 200 billion kWh and the sales revenue exceeding 50 billion yuan.

- In December 2002, China Datang Corporation was formally established.
- In August, 2003, the development strategy of "Two types, Four Realizations and Three Capabilities" and the eight-year goal in three stages, i.e. "3-year, 6-year and 8-year" goals, were defined.
- In September 2004, the installed capacity exceeded 30,000MW.
- At the beginning of 2005, "3-year, 6-year and 8-year" development strategy goals were adjusted to "3-year, 8-year and 18-year" goals and the triple-level hierarchical management mode was established.
- In December 2005, the installed capacity exceeded 40,000MW.
- By the end of 2005, CDT successfully fulfilled the development strategy goal of the first stage symbolized by the Three Breakthroughs.
- In August 2006, the installed capacity exceeded 50,000MW.
- In September 2006, the largest thermal power plant in China was built.
- By the end of 2006, the scale and benefit were doubled compared with those when CDT was established and the goal of Taking Four Years to Build Another Datang was smoothly materialized.
- On Jan. 29, 2007, the removal of the small capacity units of Datang Anyang Power Plant launched the campaign of shutting down small capacity units all over China.
- In September 2007, the installed capacity exceeded 60,000MW.
- In October, 2007, the first batch of three units of Longtan Hydropower Project was put into operation, which made Longtan the second largest hydropower station in operation in China.
- On Dec. 19, 2007, the major body project of Myanmar Dapein Hydropower Station was formally commenced, which was the first overseas project invested by CDT.
- In December 2007, the installed capacity of wind power exceeded 1,000MW.

... Management Structure and Organization

Management Structure

CDT was registered in accordance with Law of the PRC of Industrial Enterprises Owned by the Whole People. The State-Owned Assets Supervision and Administration Commission of the State Council (SASAC) performs the responsibility of investor representing the state and the State Council accredits Supervisory Council of Key Large-scaled Enterprise to CDT, which will supervise the value maintaining and increasing of state-owned assets within CDT according to the Provisional Regulation of the Supervisory Council of State-owned Enterprise.

CDT executes the general manager responsibility system and the president is the legal representative and also the general secretary of Party Group of CDT appointed by the CPC Central Committee.

All the corporate enterprises share-held by CDT set the shareholders' committee, board of directors and board of supervisors and select staff directors and supervisors according to Company Law of the People's Republic of China. The listed companies also employ external independent directors in accordance with regulations set by China Securities Regulatory Commission.

In 2007, we were devoted to the standard operation of corporate enterprises, compiled and published the Guide for Company Operation Practice and developed the management information system of the Shareholders' Committee, Board of Directors and Board of Supervisors. The various kinds of information about the corporate enterprises were more transparent, the management became more standardized and the operation was more efficient.

● Senior Management Chart

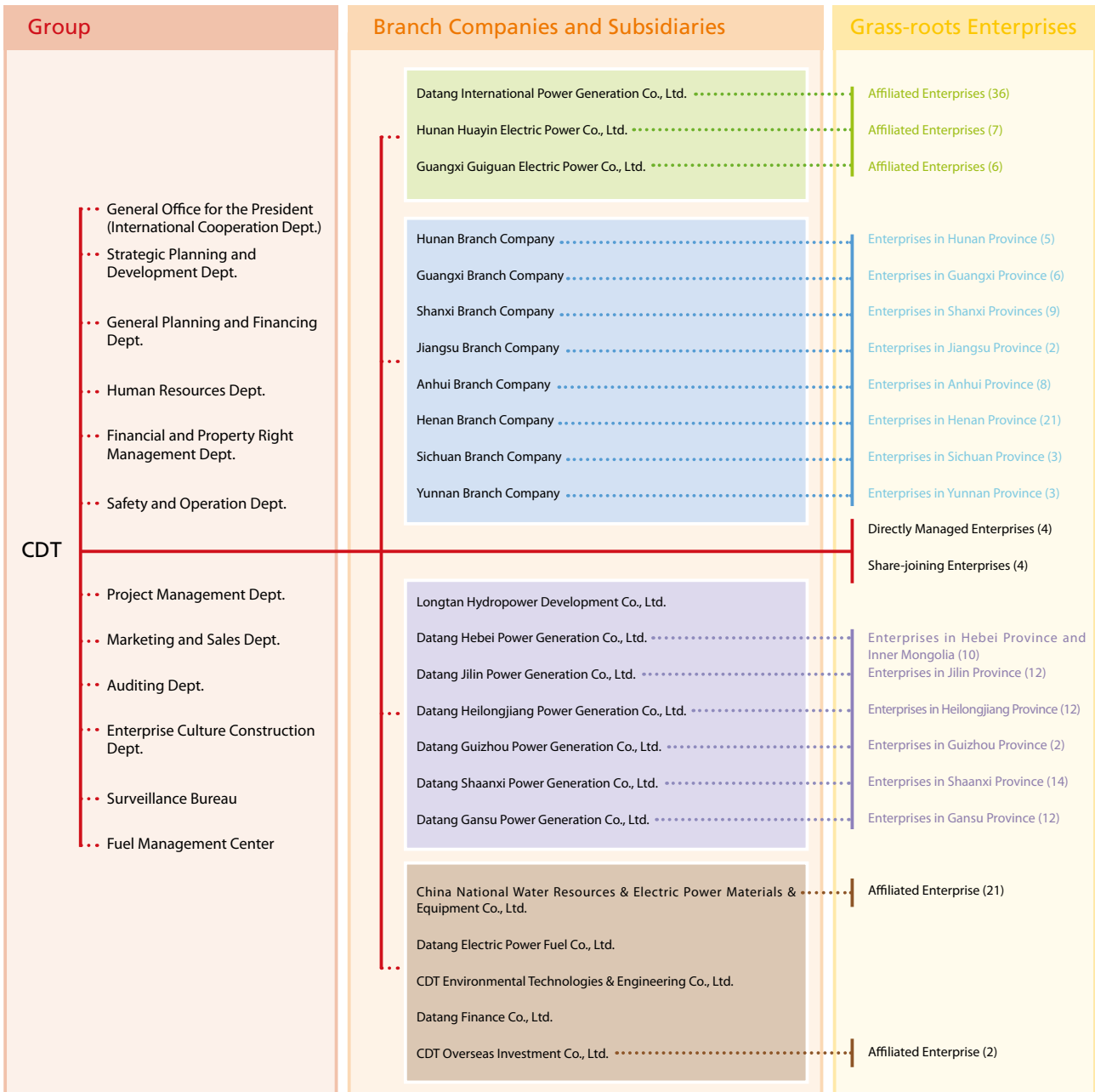
President



Organizational Structure

CDT has established the triple-level hierarchical management mode i.e. the group, branch companies (or subsidiaries) and grassroots enterprises. In 2007, Guangxi Branch Company of CDT, Datang Guizhou Power Generation Co., Ltd. and China Datang Corporation Overseas Investment Co., Ltd. were established due to the change of assets layout and the need of business expansion, thus the triple-level hierarchical management system was further perfected. So far, CDT owns 23 subsidiaries (or branch companies) and 193 grassroots enterprises.

● Organizational Structure Chart



Decision-making Management

According the CDT Working Rules, the issues of vital importance related to reform, development, stability, personnel adjustment and cadres appointment and deposition will be discussed and determined on the Party Group Meeting of CDT and issues involving in development strategy, development and planning, resources deployment, investment and financing, capital operation and profit distribution will be decided on the General Manager Meeting.

The corporate enterprise shall strictly carry out the relevant decision-making process per the functions and power scope and rules of procedure set by the Company Law of the People's Republic of China and Articles of Association of the corporation.

Other enterprises also set up corresponding working rules and Party Committee (or Group) meeting and general manager meeting systems.



General Manager Meeting of CDT

Special Lecture on Preventing Crime by Taking Advantage of Duty

Supervision and Anti-corruption

We consciously accepted and actively coordinated with the relevant authorities of the CPC Central Committee and State Council in their regular inspection, supervision and auditing in CDT, further improved the internal control mechanism and all-round risk prevention mechanism in such aspects as equity interest, finance, personnel, auditing and performance and intensified the discipline inspection, surveillance and internal auditing work to ensure the standardized operation of the corporation.

We regarded "Building Punishment and Prevention System" as the theme, firmly promoted the construction of anti-corruption work pattern and honest and uncorrupted culture, strived to establish the long effective mechanism of anti-corruption and strengthened the supervision of uncorrupted behaviors of leaders. Over the year, the honest and clean commitment was 5,004 men times; the honesty and cleanness description and discussion were 1,596 men times; the routine honesty and cleanness talks were 3,589 men times; new position talks were 1,257 men times, warning talks were 187 men times and 125,000 men times received the honesty and cleanness educational training. Special item performance supervision work in fields like fuel management, safety and operation management and project management was implemented to promote the standardized management of the enterprise. Over the year, all together 281 items were set for performance supervision and 2,171 pieces of supervisory advice were raised to have avoided the economic loss of 237 million yuan and retrieved economic loss of 258 million yuan. CDT maintained a good situation in anti-corruption and honesty and cleanness promotion work and no violation case of laws occurred on the cadres managed by CDT within the year.

Enterprise internal auditing work was strengthened in an all-round way to promote the standardized operation and improvement of economic benefits. In 2007, all together 94 auditing projects were organized, 65 auditing reports were submitted, 175 million yuan of project cost was deceased through auditing, 50.77 million yuan of revenue increase and expenditure decrease was achieved and the auditing projects and benefits ranked the top over the years. 826 internal auditing projects of affiliated enterprises were accomplished, 64.57 million yuan of project cost was deceased through auditing, 51.41 million yuan of revenue increase and expenditure decrease was fulfilled

... Stakeholders

Relevant Party	Communication Mode	Focus of Stakeholders	Major Index	Location of the Item in the Report
Government	Constituting laws, regulations and policies	National energy safety	Total tax	P19/P35/P42/P43
	Participating in relevant meetings	Ensuring electric power supply	Posts available for employment	
	Work Reporting	Abiding by the laws and regulations	Power generation amount	
	Statistical reporting	Taxation	Energy saving target	
	Information submission	Energy saving and emission reduction	Emission reduction target	
	Summit meeting	Expanding employment		
		Management innovation and scientific and technological innovation		
SASAC	Constituting rules and regulations	Value maintaining and increasing of state-owned assets	Coal consumption of power supply	P19
	Raising work goal		Total profit	
	Constituting assessment and appraisal standards	Operating according to law and in a standardized manner	Value maintaining and increasing rate of state-owned assets	
	Work reporting	Operating risk prevention	Growth rate of main business	
	Statistical reporting		Earnings rate of net assets	
			Turnover ratio of current assets	
Shareholders and other partners	Shareholders' meeting	Faithful and law-abiding	Sales revenue	P19/P54
	Announcement of the company	Profitability	Market share	
	Periodical report	Standardized operation	Profit of the company	
	Contract or agreement		Return on investment	
Staff	Staff representative meeting	Legal rights and interests	Salary level	P49~53/P28~29
	Reasonable suggestions	Salary and welfare	Brain drain rate	
	Letters from and visits of the people	Individual development	Input of staff training	
	Labor contract	Education and training	Union joining rate of staff	
	Openness of plant affairs	Health and safety	Working environment	
Community	Cooperation and co-construction	Harmonious community	Input of community construction	P54~57
	Public welfare activities	Public welfare undertakings	Input of public welfare	
	Publicity of safety and environmental protection	Safety and environmental protection	Number of pollution complaints	
Customer	Contract or agreement	Safe and stable supply	Satisfaction degree of customers	P54
	Electric power or thermal product	Electricity and heat tariff		
	Relevant technical services			
Supplier	Contract or agreement	Faithful and law-abiding	Number of contracts and contract objects	P54
	Service of product	Long term cooperation	Term of cooperation	
		Market	Creditability	
Non-governmental organizations	Meetings & activities	Contribution to the associations and societies	Frequency and depth of activity participation	P12/P54
	Agency and advice channels	Influence on sustainable development		
	Participating in activities		Membership dues	

Major Associations and Organizations Joined

No.	Organizations	Distinction	Title	Liaison Department
1	China Enterprise Confederation China Entrepreneur Association	Director Unit	Director	General Office for the President
2	Economic and Social Advisory Group for Yunnan Province		Consultant	General Office for the President
3	China Electricity Council	Chairman Unit	Deputy Chairman	General Office for the President
4	China Society for Hydropower Engineering	Chairman Unit	Deputy Chairman	Safety and Operation Department
5	China Group Companies Promotion Association	Standing Director Unit	Standing Director	General Office for the President
6	China Association of Education of Electric Power	Standing Director Unit	Standing Chairman, Standing Director	Human Resources Department
7	Accounting Society of China, Power Branch	Director Unit	Standing Director, Deputy Secretary-General General Deputy Chairman	Financial and Property Right Management Department
8	China Association of Chief Financial Officers	Deputy Chairman Unit	Deputy Chairman, Standing Director, Director	Financial and Property Right Management Department
9	Chinese Society for Electrical Engineering	Deputy Chairman Unit	Deputy Chairman	Safety and Operation Department
10	Standardization Commission of Power System Operation and Control	Member Unit	Member	Safety and Operation Department
11	China Engineering Cost Association	Member Unit	Director	Project Management Department
12	China Electric Power Construction Association	Deputy Chairman Unit	Deputy Chairman, Director	Project Management Department
13	China Institute of Internal Audit	Member Unit		Auditing Department
14	Supervision Society of China, Power Branch	Deputy Chairman Unit	Standing Director, Deputy Secretary-general	Surveillance Bureau
15	The Association of the Electricity Supply Industry of East Asian and the Western Pacific	Member Unit		General Office for the President
16	Party Construction and Ideological and Political Work Research Society of Enterprises managed by the CPC Central Committee	Director Unit	Director	Enterprise Culture Construction Department
17	China Chamber of Commerce for Import and Export of Machinery and Electronic Product *	Member Unit		International Cooperation Department
18	Chinese Association of Resources Comprehensive Utilization *	Director Unit	Director	Human Resources Department
19	Enterprise Culture Construction Promotion Commission of National Power Industry *	Member Unit	Member	Enterprise Culture Construction Department
20	Labor Union Work Theory Research Society of National Power System *	Deputy Chairman Unit	Honorary Deputy Chairman, Deputy Chairman	Enterprise Culture Construction Department

Note: Organizations with * were the ones CDT newly joined in 2007.

··· Social Responsibility of CDT



"Supplying Clean Power, Lighting Happy Life" is our mission, which reveals the values of CDT, represents the striving goal of all staff and demonstrates the social responsibility that an enterprise shall shoulder.

To achieve such a glorious and sacred mission, we must consciously carry out the scientific development concept, actively advance the building of a harmonious society and practically perform our responsibility to economy, society and environment.

Thermal power, hydropower and wind power rely on the high-speed running of impeller to generate electric power. The coordinated running of five wings, i.e. optimized development, safe development, clean development, economical development and common development, provides CDT with strong impetus for scientific development.

We will strive to make progress in a concentric, whole-hearted and consistent way.



Optimized Development

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- ☐ Power Source Structure
- ☐ Unit Structure
- ☐ Industrial Structure
- ☐ Scale Benefit



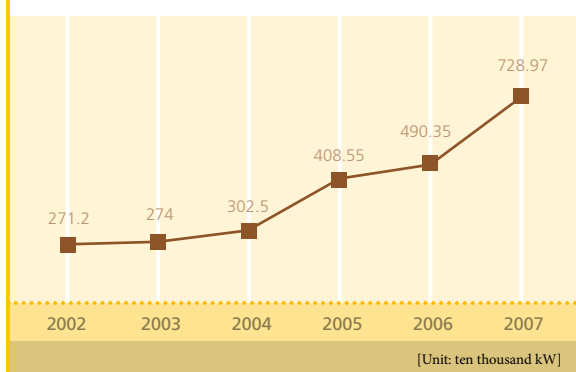
Actively transforming the development mode and insisting on optimized development are the internal needs for enterprises to improve the economic benefit and core competitiveness and the objective requirements for achieving the sustainable development of national economy. In 2007, we firmly adhered to the outlook on scientific development, seriously implemented the national policy of "Setting up Large Capacity Units and Shutting down Small Capacity Units", fully eliminated the out-dated productivity, actively promoted the construction of energy saving and environmentally friendly units, vigorously developed renewable and clean energy, accelerated the extension of industrial chain of power generation, attached great importance to structure adjustment during fast development and enhanced the quality and benefit in structure adjustment, thus the power source structure, unit structure, industrial structure and regional layout were further optimized, synchronous and fast growth of scale and benefit was achieved and the sound and fast development was realized.



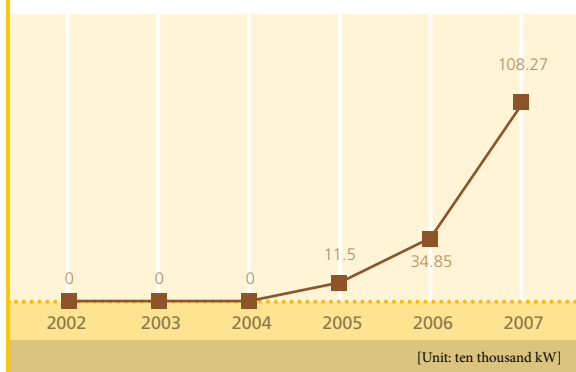
Power Source Structure

In 2007, CDT made great achievements in hydropower development, made significant breakthrough in wind power construction, made great progress in biomass power generation and nuclear development and a batch of clean energy and renewable energy projects were put into operation successively. The newly increased capacity of hydropower reached 2,734.7MW; the wind turbines with capacity of 734.2MW were put into service; three stalk power generation projects with capacity of 84MW were approved; Datang Anqing Biomass power project (2×15MW) was formally kicked off; and Fujian Ningde nuclear project was approved by the state to conduct the early stage work. The proportion of installed capacity of clean and renewable energy in the total was improved to 13%, the best level since CDT's establishment.

● Installed Capacity of Hydropower



● Installed Capacity of Wind Power



The first batch of units of Longtan Hydropower Station, the second largest hydropower project in operation in China, was put into service ahead of schedule.



Chifeng Saihanba Wind Farm (498.2MW)-the largest wind farm in the world.

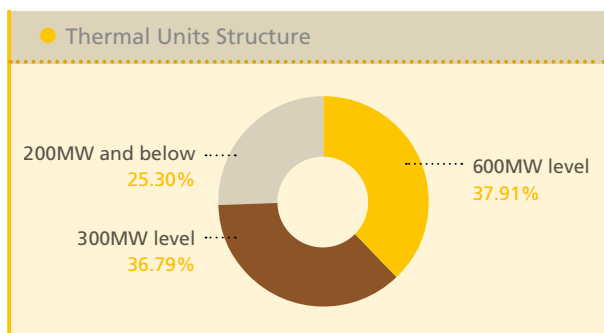


Breakthrough was made in overseas investment symbolized by the commencement of Myanmar Dapein Hydropower project.

... Unit Structure

We seriously implemented the national policy of "Setting up Large Capacity Units and Shutting down Small Capacity Units", actively shut down the small capacity thermal units, accelerated the construction of large scale and extra large scale units with low energy consumption and discharge and co-generating units with high energy comprehensive efficiency and the thermal units structure was further optimized. 82 small capacity thermal units with capacity of 4,114.2MW were shut down over the year and six 600MW units and six 300MW units were put into operation. Compared with those when CDT was established, the number of 600MW level units increased from 2 to 36, the proportion of 300MW and above grew from 52.99% to 74.7%; the co-generating capacity increased from 3,600MW to 9,289MW and the average unit capacity of purely condensate units escalated from 178.9MW to 312.3MW.

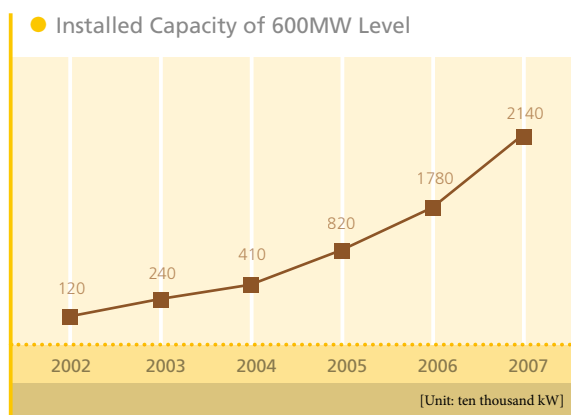
● Thermal Units Structure



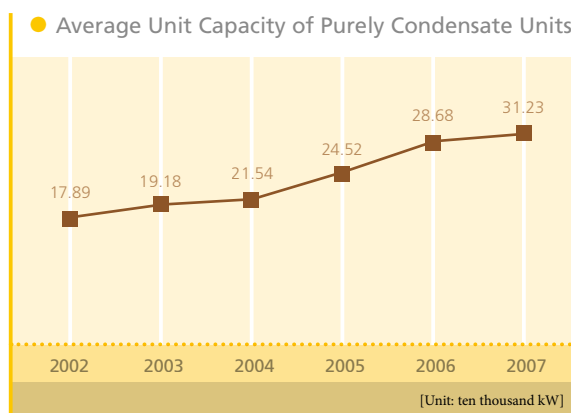
■ Co-generation

Co-generation is a highly efficient energy production mode of co-generating heat and electric energy within one power plant and the heat rate can be significantly enhanced. Generally, the efficiency of thermal power plant is about 30%-35%, which means that 2000kj heat will be wasted when 1000kj electric energy is produced. The general efficiency of co-generation power plant can reach 80%.

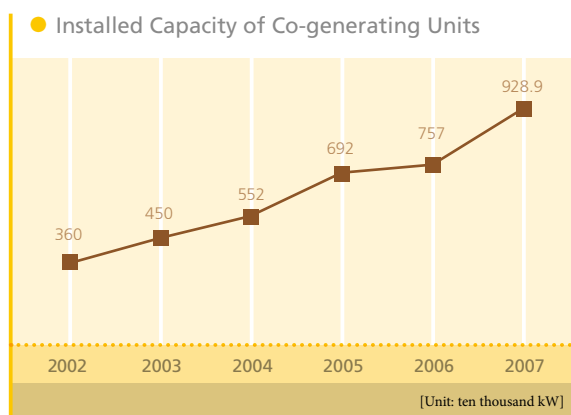
● Installed Capacity of 600MW Level



● Average Unit Capacity of Purely Condensate Units



● Installed Capacity of Co-generating Units



... Industrial Structure

In 2007, we actively implemented the policy of "Diversified Development with Electric Power as Core Business" and significantly extended the industrial chain of power generation. Great progress was made in the development of coal mine, coal chemical and railway projects, the operation risk of power generation as main business was lowered down and new profit increase point was fostered. So far, CDT owns 11 coal chemical projects conducting the early stage work and 12 coal mine projects with total geological reserve of 21.1 billion tons.



Breakthrough was made in coal mine development with CDT as the holding party symbolized by successfully excavating coal from East No. 2 Coal Mine of Shengli Coalfield in Inner Mongolia.



The bulk-cargo transfer center co-built by Manzhouli government and CDT successfully transferred the first train of raw coal imported from Russia at the port since it was established.

Duolun coal chemical project, located at the Xilinguolemeng grassland, is the first large scaled industrialized application project with MTP (methylate to Polypropylene) technology, the coal alkene demonstration project defined by the national policy of coal chemical industry, belongs to the encouraging projects according to the national energy development strategy and industrial policy and also the important comprehensive coal development project of CDT to create the "Xiduoke" Industrialized Base. The project is designed to produce 1.38 million tons of coal alkene annually (the intermediate product is 5 million tons of methylate) and it ranks among the top in the world in terms of scale, process chain length and advancement of technology.

... Scale Benefit

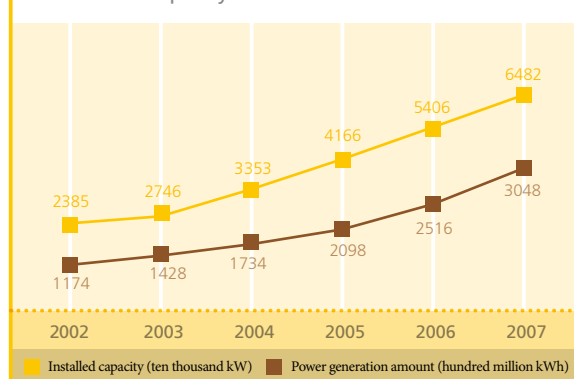
The installed capacity of CDT grew fast while adjusting structure. In 2007, 45 units with capacity of 9,878.9MW were put into operation and the total installed capacity hit 64,823.4MW. The power generation amount exceeded 300 billion kWh and reached 304.757 billion kWh, which increased by 21.12% compared with that of previous year and 6.68 percentage points higher than the national growth speed. Among which, the power generation amounts of thermal power, hydropower and wind power were respectively 280.3 billion kWh, 23.79 billion kWh and 710 million kWh. Compared with those when CDT was established, the proportion of CDT's install capacity in the total of China increased from 6.69% to 9.09% and the market share coverage rate grew from 7.1% to 9.36%.

CDT intensified the internal economic activity analysis and process control and the revenue increase and expenditure decrease activity to achieve the synchronous and fast growth of scale and benefit. In 2007, the sales revenue of CDT achieved 85.045 billion yuan, increased by 20.95% compared to that of previous year, three times more than that in 2002; the total tax reached 17.079 billion yuan, increased by 30.53% compared with that of the previous year, 13.3 billion yuan more than that in 2002; the profit fulfilled 7.562 billion yuan, increased by 29.35% compared to that of previous year, about 3.5 times more than that in 2002; the labor productivity was 449,500yuan/person/year, 281,800 yuan/person/year more than that in 2002 with an increase of 167.80%.

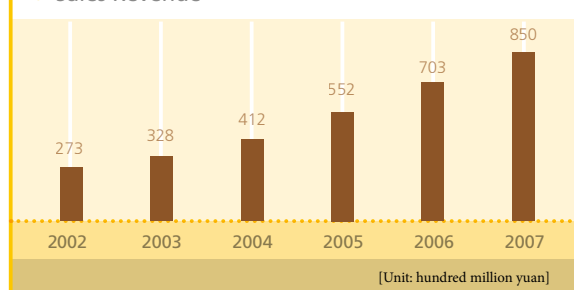
The turnover rate of total profits, power generation amounts and current assets respectively accomplished the 182.21%, 130.32%, 137.9% of the indexes assessed by SASAC. The earning ratio of net assets was 6.53 percentage points higher than the assessment index. CDT was granted with Special Award of Performance Improvement within the term of enterprises managed by the CPC Central Committee by SASAC.

The three listed companies share-held by CDT all returned their shareholders with good results, among which, the EPS (earning per share) of Datang Power Generation (code: 601991) was 0.29 yuan and increased by 3.57% compared with that of previous year. Datang International Power Generation Co., Ltd. was granted the title of Top 100 Chinese Listed Enterprises of 2007.

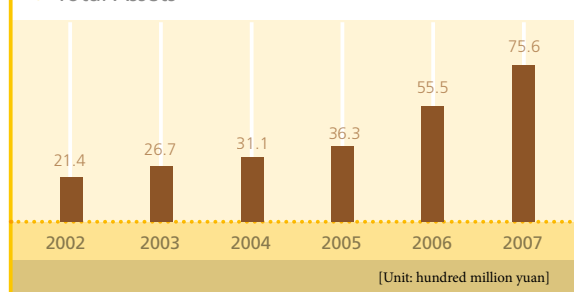
● Installed Capacity and Power Generation Amount



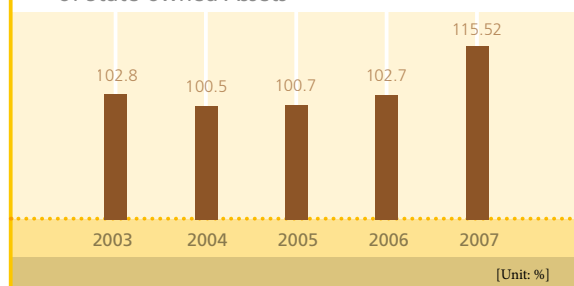
● Sales Revenue



● Total Assets



● Value Maintaining and Increasing Ratio of State-owned Assets





Focus



Setting up Large Capacity Units and Shutting down Small Capacity Units



50,000MW small capacity thermal units will be shutdown all over China during the 11th Five-Year-Plan Period and 10,000MW was shut down in 2007.



On Jan. 29, the work conference addressing the setting up large capacity units and shutting down small capacity units and energy conservation and emission reduction of electric power industry was held in Beijing by the National Development and Reform Commission (NDRC). During the meeting, Mr. Chen Deming, deputy director of NDRC, signed Target Responsibility Documents on Shutting down Small Capacity Units with Mr. Zhai Ruoyu, president of CDT.

The rather large proportion of small capacity thermal units is a prominent issue existing in China's power industry. The high energy-consuming and discharge of small capacity thermal units have intensified the consumption of coal resources and pollution upon environment. Replacing the small capacity units with large scaled units is the only way to promoting energy saving and emission reduction, impelling the upgrade of electric power industry and achieving the sustainable development of power industry.

Comparison of energy consumption and discharge between large and small capacity units

	50MW units	600MW units
Coal consumption of power supply [g(standard coal)/kWh]	440	320
SO ₂ emission ratio [g/kWh]	Above 10	Below 1.2



First explosion in Shaanxi Province
Datang Baqiao Co-generation
Power Plant

In 2007, CDT played a leading and model role in the society by shutting down 82 small units with total capacity of 4,114.2MW, making it the power generation corporation with the most capacity of shutting down small capacity units nationwide.



First explosion of shutting down small capacity thermal units in China - Datang Anyang Power Plant

China Datang Corporation actively implemented the national policy of Setting up Large Capacity Units and Shutting down Small Capacity Units. On Jan. 29, 2007, the removal of the small capacity units (2X100MW) of Anyang Power Plant affiliated to CDT launched the campaign of shutting down small capacity units nationwide. CDT also materialized a number of first explosions in provinces (regions) such as Shaanxi, Shanxi, Heilongjiang, Hunan, Anhui and Guangxi.



First explosion in Shanxi Province
Datang Taiyuan No.2 Co-generation Power Plant



First explosion in Heilongjiang Province
Datang Jiamusi No. 2 Power Plant



First explosion in Hunan Province
Datang Huayin Jinzhushan Thermal Power Generation Branch Company



First explosion in Anhui Province
Datang Huaibei Power Plant



First explosion in Guangxi Zhuang Autonomous Region
Datang Guiguan Heshan Power Generation Co., Ltd.



Safe Development

利莫大于简
福莫久于安

◎ 韩非子·大体

- ☐ Safety Management
- ☐ Equipment Treatment
- ☐ Emergency Response Mechanism
- ☐ Safety Education
- ☐ Occupational Health



It is our fundamental social responsibility to maintain stability of safe production, ensure safe and reliable power supply and create a sound and safe working environment for staff. Adhering to the managerial idea of “life priority and safety first”, we made vigorous efforts to learn from advanced experience and methods home and abroad, promoted star assessment and appraisal method of basic work of safety production in an all-round manner and continued to improve management of safety groundwork; ensured occupational safety and health of staff effectively through amplifying safety management system and enhancing comprehensive management; boosted emergency response capability through improving risk recognition, control and management mechanism and strengthening management of emergencies. We have successfully guaranteed power supply during peak periods in summer, completed the task of flood prevention and disaster relief and made important contribution during the National People’s Congress (NPC), the Chinese People’s Political Consultative Conference (CPPCC) and the Seventeenth National Congress of CPC by providing safe and stable electric power.



... Safety Management

We further tamped the foundation of safety production by carrying out in depth Star-rated assessment and appraisal of safety production though dynamic benchmarking and simultaneous appraisal; reduced production site risks by enhancing management of employees involved in entrusted projects and implementing production site entrance system; effectively controlled safety risks by strengthening evaluation and management of major hazard; and promoted the capability of leadership at all levels by conducting supervision on implementation of safety production responsibility system.

In 2007, no serious incident that causes injury or death or serious equipment accident occurred in CDT; 5 general equipment accidents happened, 5 less than the number over the same period; 3 incidents that caused 2 deaths and 1 serious injury happened. Though the safety production situation was basically stable, incident that causes injury or death still happened, reflecting the weak links in our safety groundwork. We strictly conformed to the "Four Not-let-it-goes" principle, drew inferences about other cases from one accident, strengthened awareness of safety production risks of all staff, put into effect of safety production responsibility system and conducted specialized treatment pertinent to production accidents.



Since the foundation of CDT, document No.1 will be issued annually to deploy safety production work through the year. The safety production working thinking of "clearly defining responsibility of everyone and focusing on implementation; standardized management and overcoming bottleneck; comprehensive treatment and addressing the root problem; scientific planning and realization of two-type enterprise" was determined in 2007.



To effectively promote standardized management of production working environment through actively carrying out advanced management methods such as 6S management.

● Accident Statistics

Classification of Accidents	2003	2004	2005	2006	2007
Serious Casualty	0	0	0	0	0
Serious Equipment Accident	0	1	0	0	0
General Casualty	1	5	1	1	3
General Equipment Accident	29	13	12	10	5

[Unit: time]

... Equipment Treatment

Taking into account of practical situation of CDT, we introduced advanced management measures such as TPM in terms of equipment management and standardized equipment management process; implemented spot inspection and maintenance and clearly defining equipment management responsibility; implemented unit standardized inspection and maintenance and overhaul supervision system to ensure the quality of inspection and maintenance; standardized technical supervision and strengthened equipment specialized treatment. Therefore the sound status of power generating equipment has been elevated evidently, unplanned outages have been obviously decreased and reliability indicator continued to be optimized.

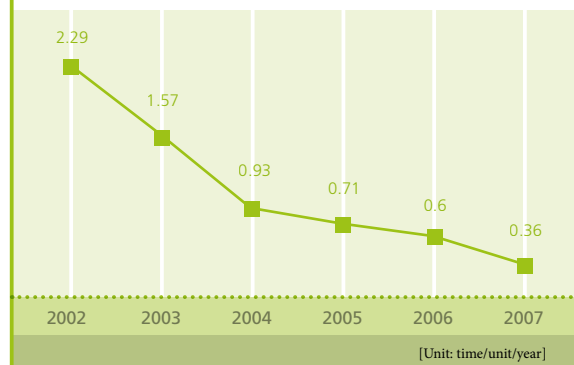
2007 witnessed 100 unplanned outages, mean unplanned outage occurrences of 0.36 time/unit/year and total unplanned outage duration of 3,624 hours within CDT, reduced respectively by 54 times, 0.24 time/unit/year and 2,891 hours compared to that over the same period. Compared with the statistics when CDT was founded, unplanned outage and mean unplanned outage were respectively reduced by 273 times and 1.93 time/unit/year.

CDT had four units awarded "Gold Medal Unit" title in the annual reliability assessment of thermal power units organized by State Electricity Regulatory Commission (SERC), accounting for 35% of total units awarded the same title. In the national competition of thermal power units, 27 units of CDT won, accounting for 17% of total winning units.

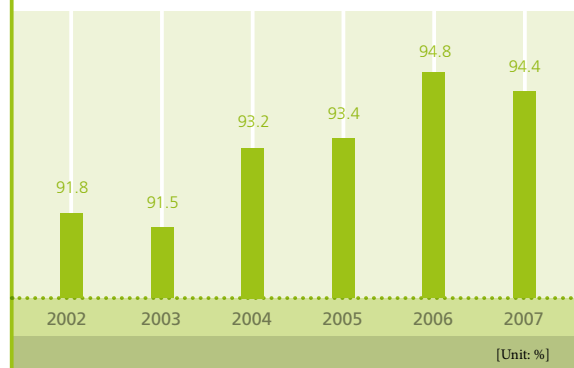


Keep improving to ensure quality of inspection and maintenance

● Times of Unplanned Outages of Units



● Equivalent Available Coefficient



● National Gold Medal of Reliability Thermal Power Unit

	Place in the Competition	Units Rewarded	Proportion in Rewarded Units of the Same Place
Competition of 600MW Thermal Power Units	3	Unit 5 of Inner Mongolia Datang International Tuoketuo Power Generation Co., Ltd.	4/10
	6	Unit 3 of Tianjin Datang International Panshan Power Generation Co., Ltd.	
	8	Unit 2 of Inner Mongolia Datang International Tuoketuo Power Generation Co., Ltd.	
	10	Unit 1 of Hebei Datang International Wangtan Power Generation Co., Ltd.	
Competition of 300MW Thermal Power Units	1	Unit 4 of Datang Luoyang Shouyangshan Power Plant	3/10
	2	Unit 6 of Datang Jiangsu Xutang Power Generation Co., Ltd.	
	8	Unit 8 of Zhangjiakou Power Plant of Datang International Power Generation Co., Ltd.	

● Rewarded Units of CDT in Competition of Large-scaled Thermal Power Units

	Level of Award	Units Rewarded	Proportion in Rewarded Units of the Same Level
Competition of 600MW Thermal Power Units	First-level Award	Unit 3 of Tianjin Datang International Panshan Power Generation Co., Ltd.	1/5
	Second-level Award	Unit 5 of Inner Mongolia Datang International Tuoketuo Power Generation Co., Ltd.#5	1/7
	Third-level Award	Unit 2 of Datang Hancheng No. 2 Power Generation Co., Ltd.	1/10
Competition of 300MW Thermal Power Units	First-level Award	Unit 3 of Yangcheng International Power Generation Co., Ltd.	1/2
Competition of 300MW Thermal Power Units (Domestic)	First-level Award	Unit 2 of Xuchang Longgang Power Generation Co., Ltd.	1/10
	Second-level Award	Unit 6 of Jiangsu Xutang Power Generation Co., Ltd.	3/20
		Unit 7 of Jiangsu Xutang Power Generation Co., Ltd.	
	Third-level Award	Unit 2 of Datang International Tangshan Co-generation Power Co., Ltd.	5/23
		Unit 6 of Datang Huainan Power Plant	
		Unit 1 of Datang Huainan Luohe Power Plant	
		Unit 9 of Datang Anyang Power Generation Co., Ltd.	
		Unit 1 of Xuchang Longgang Power Generation Co., Ltd.	
		Unit 2 of Datang Qitaihe Power Generation Co., Ltd.	
Competition of 200MW Thermal Power Units	First-level Award	Unit 8 of Douhe Power Plant of Datang International Power Generation Co., Ltd.	1/5
	Second-level Award	Unit 8 of Hebei Matou Power Generation Co., Ltd.	3/10
		Unit 6 of Douhe Power Plant of Datang International Power Generation Co., Ltd.	
		Unit 7 of Douhe Power Plant of Datang International Power Generation Co., Ltd.	
	Third-level Award	Unit 2 of Datang Luoyang Shouyangshan Power Plant	3/18
		Unit 6 of Datang Huaibei Power Plant	
Competition of 100MW Thermal Power Units	First-level Award	Unit 2 of Beijing Gaojing Power Plant of Datang International Power Generation Co., Ltd.	1/2
	Second-level Award	Unit 2 of Datang Jixi Co-generation Power Co., Ltd.	4/7
		Unit 1 of Beijing Gaojing Power Plant of Datang International Power Generation Co., Ltd.	
		Unit 3 of Beijing Gaojing Power Plant of Datang International Power Generation Co., Ltd.	
		Unit 2 of Datang Hunchun Power Generation Co., Ltd.	
	Third-level Award	Unit 1 of Datang Jixi Co-generation Power Co., Ltd.	2/8
		Unit 2 of Xiahuayuan Power Plant of Datang International Power Generation Co., Ltd.	

Emergency Response Mechanism

In accordance with integral management and hierarchical control principle, we improved the triple-level hierarchical system and focused on the establishment of site emergency precaution scheme which covered such areas as casualty and injury, natural disaster, common system, fire, transportation, safety and sanitation. We have implemented emergency report system, established emergency management information platform, basically realized dynamic control and closed-loop management of emergencies and ensured the controllability of emergency management. We further standardized emergency response rehearsal from the perspective of improving

rehearsal quality and effect, enhanced our emergency response capability and effectively kept the damages caused by emergency accidents within limits.

In 2007, CDT's power enterprises in such areas as Hunan Province were hit by storm tide, flood and snow disaster successively. Relevant enterprises made fully preparation, orderly organization, proper arrangement and ensured the safety of people, power grid and main equipment.



Response rehearsal of oil storage fire

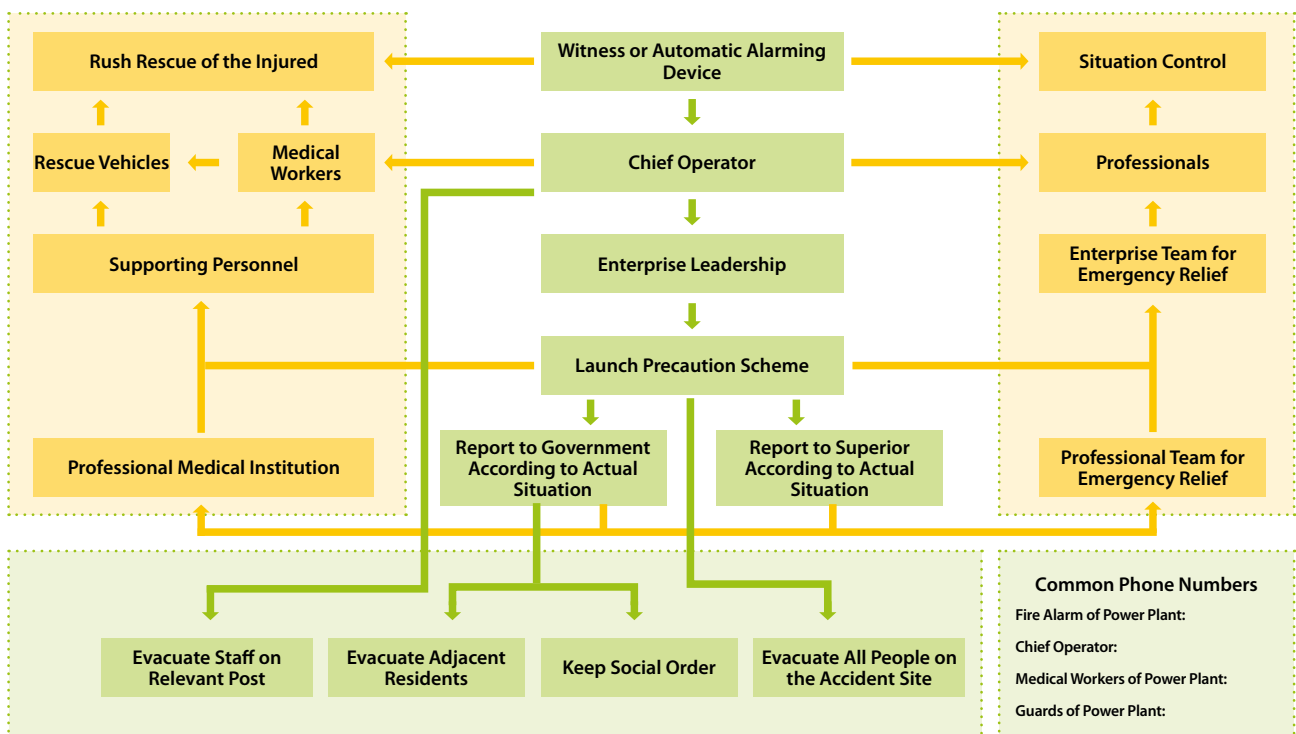


Clearing snow accumulated on electric equipment



Preparing for Typhoon Sepat on coal yard

Emergency Treatment Flow Chart



... Safety Education



CDT Safety Culture Construction Experience Communication Meeting



Third "Youth Cup" Safety Knowledge Contest of CDT



Online "Safety Knowledge Contest" held by Changchun No.2 Co-generation Power Company

To enhance safety training of staff and improve staff's safety awareness and quality plays a fundamental role for safety work. In 2007, CDT successfully held the third "Youth Cup" safety knowledge competition, planned and organized elaborately "Safety Production Month" serial publicity and education activity; affiliated enterprises helped staff to consolidate their knowledge of safety, enhance safety awareness and technique through organizing safety technique competitions, e.g., online test and debate; strived to root the safety philosophy in the minds of every staff member and turn it into self-knowledge through promoting safety culture construction and building safety culture demonstration base.

It is an essential guarantee for safety work to build a professional safety management team with high quality. In 2007, we organized over 300 members from safety commissions at all levels to participate safety production law and regulation test; held four sessions of training of over 420 vocational safety supervisors among who 258 acquired the certificate of CDT safety supervisor and so far 1,061 employees have gained that certificate; 135 employees acquired national registered safety engineer certificate and so far 205 acquired that certificate. We launched TPM and 6S/TPM supervisor and director training and 56 managerial staff acquired 6S supervisor and director certificate.



"Safety and Saving" Forum held by Datang Baqiao Co-generation Power Plant during Safety Production Month



Wall map of safety publicity



Seeing the strip of her husband's safety helmet go loose, Zhang Hongying, an electric worker at Datang Huaibei Power Plant, approached her husband to fasten the strip for him and urged him to pay close attention to safety.

... Occupational Health

Staff is the most precious resource for the enterprise. We insisted on giving priority to ensuring staff's occupational safety and health in safety management, established and improved safety and health management system, standardized labor safety protection articles which underwent regular inspection, maintenance or change in strict accordance with relevant standards to ensure their safety and efficiency; strengthened safety management on the project site and organized safety and civilized construction demonstration site competition to make safe and healthy working environment available to outsourced working teams; attached importance to stopping working without work order, widely organized activities to fight against defiance of rules and regulations and to control mistake and further standardized operators' behavior on worksite.

We attached great importance to the health of staff's body and mind, strengthened prevention and treatment of occupational disease and organized staff to have regular physical examination. Duration between physical examinations was shortened for employees on post with high danger and pollution risks, who were organized to recuperate regularly as well. We increased investment to improve site dustproof, noise reduction, air-conditioning and safety facilities, and minimized occupational dangers and strived to create a safe, sanitary and comfortable working environment for staff.



Comfortable and clean apartment for staff

Demonstration site of safe and civilized construction

Modernized centralized control room

Focus

Star-rated Assessment and Appraisal

Features: Referring to international advanced management philosophy such as HSE, NOSA and OHSAS, the star-rated assessment and appraisal of safety production groundwork is based on standardization and an approach of dynamic control of safety production groundwork by means of dynamic benchmarking, closed loop management and continuous improvement. The core idea is to carry out dynamic benchmarking of management indicators, closed loop control of management process, quantified management of assessment and continuous improvement of management performance.

中国大唐集团公司文件

大唐集团发〔2007〕428号

关于组织开展“安全生产星级 考评工作”的通知

集团各分公司、子公司、直属单位：

安全生产是集团管理工作的重中之重，也是集团生产经营活动的基石。为贯彻落实《安全生产法》和《国务院关于进一步加强企业安全生产工作的通知》等法律法规，提高集团安全生产管理水平，实现安全生产工作的科学化、规范化、标准化，特组织开展“安全生产星级考评工作”。

一、考评范围及对象：集团各分公司、子公司、直属单位。二、考评内容：安全生产责任制、安全生产规章制度、安全生产投入、安全生产培训、安全生产检查、安全生产事故隐患排查治理、安全生产应急救援、安全生产考核奖惩等。三、考评方法：采取定量与定性相结合的方法，由集团安全生产委员会组织考评。四、考评时间：自2007年10月起，每年进行一次。五、考评结果：根据考评得分，分为五星级、四星级、三星级、二星级、一星级五个等级。六、考评奖励：对五星级单位给予表彰奖励，对一星级单位给予通报批评。七、其他事项：各单位要高度重视，精心组织，确保考评工作顺利进行。八、本通知自发布之日起施行。九、本通知解释权归集团安全生产委员会。十、本通知附件：《安全生产星级考评办法》。

Management: CDT printed and distributed *Management Measures on Star Assessment and Appraisal Management of Safety Production Groundwork (Tentative Version)* and *Criteria of Star Assessment and Appraisal*, developed relevant information system, preliminarily formed a star assessment and appraisal management and indicators system covering all levels of CDT from staff, team, workshop (department), power generation company and branch company (subsidiary) to group company which conformed to international standards, actual situation of CDT and triple-level hierarchical responsibility management system.

Star-rated Assessment and Appraisal System	Projects Assessed and Appraised	Assessment and Appraisal Criteria
	Management of Major Hazard Source	Prerequisite, 5 Assessment Elements and 21 Assessment factors
	“Two Work Order” Management	Prerequisite, 5 Assessment Elements and 31 Assessment Factors
	Standardization of Safety Facility	Prerequisite, 5 Assessment Elements and 64 Assessment Factors
	“Two Measures” Management	Prerequisite, 2 Assessment Elements and 26 Assessment Factors
	Technical Supervision and Control Management	Prerequisite, 13 Assessment Elements and 43 Assessment Factors
	Spot Inspection and Regular Maintenance Management	Prerequisite, 4 Assessment Elements and 43 Assessment Factors
	Omnipotent Duty Management	Prerequisite, 3 Assessment Elements and 11 Assessment Factors

The “Star Assessment and Appraisal” management system was initiated by CDT which fully demonstrated our enthusiasm in innovating safety management and effectively boosted the standardization, digitalization and internationalization of enterprise safety production groundwork management.

Effect: We further tamped safety groundwork, improved safety civilized production level and promoted CDT to stride forward to the safety goal of “No System Defect, No Loophole in Management, No Equipment Failure and No Personnel Mistake”.



Information platform of star-rated assessment and appraisal management

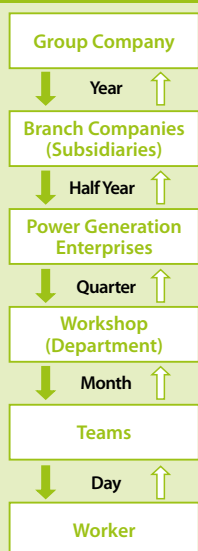


Operate in earnest and safety production



Careful equipment maintenance

Assessment and Appraisal Process



Assessment and Appraisal Results



➡ Examination and Accreditation

➡ Conclusion and Declaration



Clean Development

人法地 地法天 天法道 道法自然

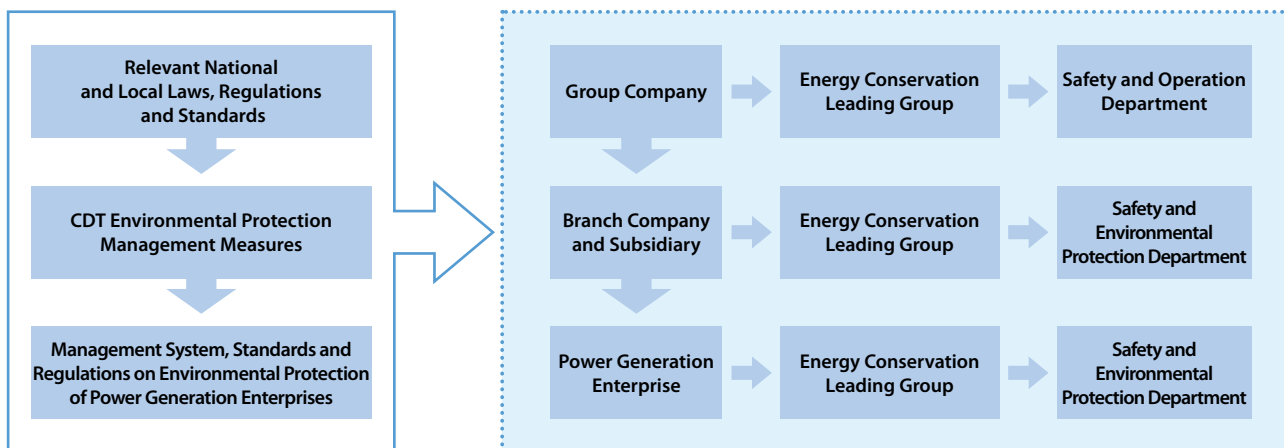
◎ 老子·道德经

- ☐ Environmental Protection Supervision
- ☐ Environmental Protection Treatment
- ☐ Circular Economy
- ☐ Ecological Protection



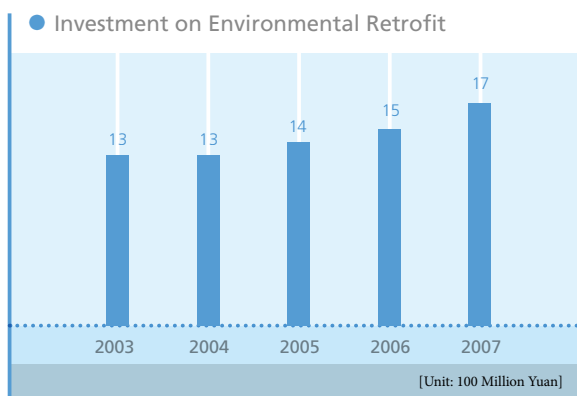
It is a responsibility shared by all mankind to strengthen environmental protection and build and maintain green water and blue sky. CDT constantly bears in mind the mission of "Supplying Clean Power and Lighting Happy Life" and devoted to the harmonious development among enterprise, society and nature. We proposed the philosophy of ecological civilization, earnestly met the requirements in China National Climate Change Program, further improved supervision system on environmental protection and speeded up development of circular economy. We took initiative to adjust our emission reduction goal during eleventh-five-year plan period and improved environmental protection management, supervision and assessment and emission indicators system. In 2007, every emission indicator of CDT was reduced to a large extent and no accidents that caused environmental pollution and eco-pollution happened, annual emission reduction goal realized ahead of schedule and another new stride was made towards our goal of building CDT into an environment-friendly enterprise.





··· Environmental Protection Treatment

We actively adopted environment-friendly technologies such as desulphurization, high efficient precipitation, low nitrogen combustion in the course of constructing, retrofitting and expanding units, insisted on concurrent design, construction and operation of environmental protection facilities and main body engineering. Emissions of all units put into operation reached the required standards. New technique, technology and equipment were widely applied and as a result, the retrofit and integral management of environment-friendly technology on units in operation were enhanced and the environment-friendliness of generating equipment and facilities was obviously improved.



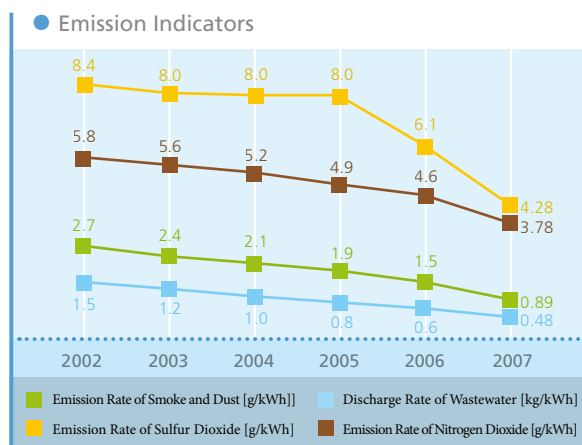
In 2007, another 30 units were equipped with desulphurization facilities, elevating the installed capacity of the kind of units to 38,575MW and ratio of thermal power units equipped with desulphurization facilities to 68%. The installed capacity of units equipped with denitration facilities reached 1,800MW. While the installed capacity and amount of power generated grew rapidly, emission amount of smoke and dust, wastewater, sulfur dioxide and nitrogen dioxide reduced respectively by 100,000 tons, 15 million tons, 250,000 tons and 20,000 tons, emission rate per unit of power generated reduced to 0.89, 482, 4.28, 3.78g/kWh, by 40%, 24%, 30%, 17% over the previous year and by 67%, 68%, 49%, 35% compared to that when CDT was founded.



Desulphurization facility and unit were put into concurrent operation in Datang International Tuoketuo Power Generation Co., Ltd.



600MW unit equipped with denitration facility was built in Datang Yangcheng Power Generation Co., Ltd.



··· Circular Economy

In the aim of converting economic development pattern, CDT took initiative to develop circular economy, promoted comprehensive and circular utilization of wastes such as pulverized ash, desulphurization gypsum and wastewater. We set up comprehensive utilization indicators system and assessment system; established database of talents in this field; conducted widely cooperation with China Association of Resources Comprehensive Utilization regarding policy consultation, technical service and products promotion, and determined 12 demonstration projects (enterprise) in relation to sales and processing of powdered ash, development of desulphurization gypsum products and wastewater treatment.

In 2007, 24,280,000 tons of powdered ash was subject to comprehensive utilization, the rate of which increased by 12.3% over 2006 to 57.04%; 2,530,000 tons of desulphurization gypsum was produced, among which 1,420,000 tons was comprehensively utilized with comprehensive utilization rate of 56.12%; 273.64 million tons of wastewater was produced by enterprises in northern China and areas short of water, among which 166.59 million tons was recycled and utilized with recycling utilization rate of 60.88%.

CDT utilized the powdered ash and desulphurization gypsum in manufacturing of cement, commercial concrete, aerated brick and thistle board. Powdered ash was widely utilized in national key projects such as Qinghai-Tibet Railway, South-to-North Water Diversion, Three Gorges Project, Longtan Project and stadiums for Beijing Olympic Games.



Exchanges of work experience on resources comprehensive utilization

"Lejia" board sells in Suzhou, Wuxi, Changzhou and Shanghai, etc.

Products of comprehensive utilization—aerated brick made of powdered ash

... Ecological Protection

We fully and firmly carried through international conventions and national environmental protection policies and realized the effective integration of resources development and environmental protection. We also assessed the environmental impact posed by project construction, optimized project design in accordance with ecological protection principle, concurrently planned and implemented water and soil retaining, protection of bio diversity and vegetation in the course of engineering construction. No accident that caused damages to ecological environment happened.



■ Comprehensively Strengthening Ecological Environmental Protection in the Course of Project Construction

The installed capacity of units under construction in natural reserves and areas with bio diversity reached 5,950MW. We set up and put into effect detailed ecological protection scheme.

Chongqing Wujiang Hydropower Station (1,750MW) under construction adopted multiple measures to protect ecological environment.



- A compensation of 2436,000 thousand yuan was made to Mayanghe Francois's Leaf Monkey State Natural Reserve for planting food forest, setting up rescue station and conducting ecological environment supervision and research.

- Two fish artificial proliferation breeding pools were constructed to address the impact on fish varieties of Wujiang lower reaches by flood, obstruction and flow regulation after hydropower station built. Schemes to protect passing fish on landing fish boats during operation period of power station was studied and formulated. Fish boat landing project and sailing buildings will be subject to concurrent construction.

- 610,000 yuan was invested to build protection garden to protect Distylium Chinese subject to flood impact in another location and another 2,224,000 yuan will be invested to study and implement relocation scheme of the above-mentioned ancient tree.



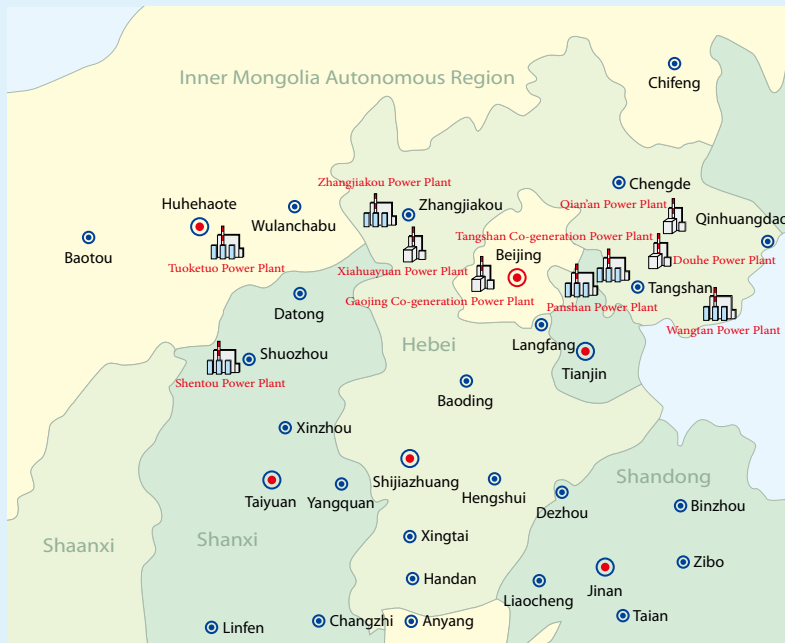
Distylium Chinese Ancient Tree Protection Garden

- The Aquatic Ecological Research Institute of Water Resources Department of Chinese Academy of Sciences was entrusted by us to monitor aquatic lives so that we can be informed of changes within areas that might be impacted due to the project and can make timely responses.



Focus

“ Blue Sky Project ”



Since CDT was founded five years ago, 16 units with installed capacity of 9,000MW were built and operated to supply power to Beijing-Tianjin-Tangshan power grid. At present, 13,970MW of CDT's units were connected to the said grid, accounting for 43.56% of the total installed capacity in this area.

Allocation map of CDT's power plants interconnected to Beijing-Tianjin-Tangshan Power Grid

Key projects to guarantee air quality during 2008 Olympics involved 48 units with installed capacity of 13,650,000MW from 13 affiliated enterprises. By the end of 2007, the investment added up to 1.5 billion yuan and expected to reach 2.5 billion yuan. During Olympics, 10,000 tons of smoke and ash and 50,000 tons of sulfur dioxide will be reduced, which plays an important role to improve air quality of Beijing.

Information on Key Projects of CDT to Guarantee Air Quality During 2008 Olympics

Project Category	Unit	Construction Situation
Desulphurization Retrofit Project	18	Ten finished construction and were put into operation
Denitration Retrofit Project	6	All finished construction and were put into operation
Low Nitrogen Combustion Technology Retrofit Project	2	All finished construction and were put into operation
Bag-type Precipitation Retrofit Project	6	All finished construction and were put into operation
Online Monitoring Project	38	Under construction

By the end of 2007

We implemented “Blue Sky Project” which aimed at improving air quality in Beijing, quickened construction of the projects supplying power to Beijing, improved the proportion of electric power to ultimate energy, reduced pollutant emissions in Beijing, and spared no efforts to promote key projects to ensure air quality during Olympic Games to contribute to Green Olympics.

Datang International Beijing Gaojing Co-generation Power Plant conducted retrofit all units with environment-friendly technology such as desulphurization, denitration, bag-type precipitation and zero discharge of wastewater. With all environment indicators retained at a domestic advanced level, the said power plant became the first domestic old coal-fired one to fully materialize clean production. Its desulphurization efficiency exceeded 96% and emission of sulfur dioxide was reduced by 39,205 tons annually, equal to the emission by 190,000 cars for one year.



Flue gas desulphurization facility



Bag-type precipitation and flue gas denitration facility



Water treatment facility



Economical Development

取之有度
用之有节
则常足

◎ 资治通鉴

- ☐ Energy Conservation Management
- ☐ Energy Conservation Retrofit
- ☐ Economical Operation
- ☐ Water Conservation



Energy conservation plays a vital role to environmental protection, cost reduction and efficiency improvement for power generation enterprises, and more importantly to the sustainable development of enterprise and society. We have consistently devoted to maximizing our benefit with minimum resources and promoting economical development of CDT. 2007 was CDT Economical Year in which we focused on resource conservation and heat efficiency improvement by means of indicators benchmarking, strengthened and quickened energy conservation, enhanced operation performance management to further improve economical operation level of equipment, reduced energy consumption indicators and fulfilled annual energy conservation goal ahead of schedule.

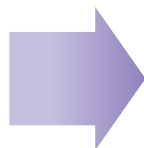


... Energy Conservation Management

● Energy Conservation Target

2006

Coal consumption of power supply: 349.87g (standard coal)/kWh
Comprehensive station service power consumption rate: 6.61%
Oil consumption per unit power generated: 31.95 tons/100 million kWh



2010

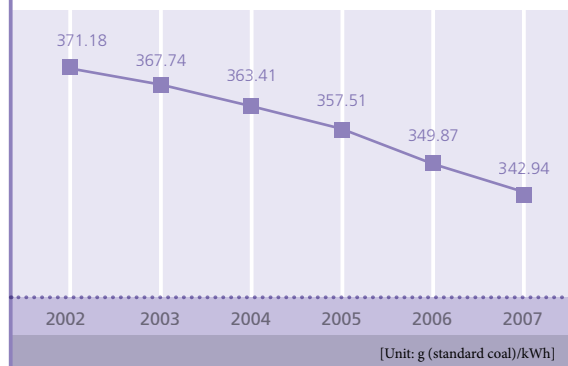
Coal consumption of power supply: 330g (standard coal)/kWh
Comprehensive station service power consumption rate: 5.5%
Oil consumption per unit power generated: 16 tons/100 million kWh

We insisted on consciously pressuring ourselves, actively adjusted the energy conservation goal during Eleventh-five-year Plan Period, set up energy conservation plan and annual plan, broke down relevant indicators system which was integrated to "Creating the First-Class" management and economic responsibility system and achieved level-to-level disassembly of energy conservation objective and fulfillment of conservation responsibility. All enterprises within CDT stuck to daily statistics, weekly analysis, and monthly assessment, put conservation plan into effect and achieved good results. Economical awareness of staff was evidently enhanced and energy consumption indicators and cost and expenses were under effective control.



Energy conservation technology retrofit

● Coal Consumption for Power Supply



● Comprehensive Station Service Power Consumption Rate

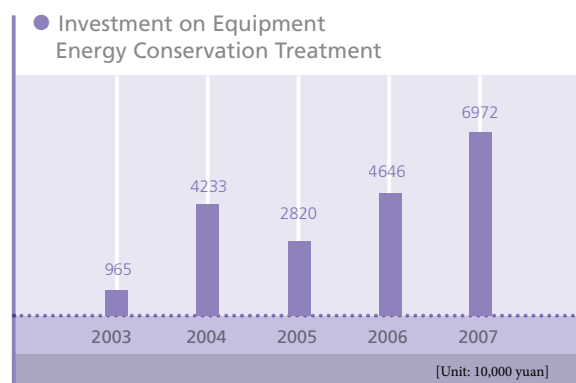
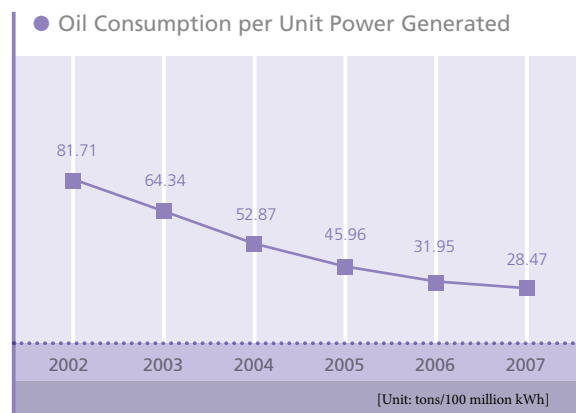


In 2007, coal consumed for power generation and heat supply reached 145.22 million tons. The coal consumption of power supply decreased to 342.94g (standard coal)/kWh by 6.93g(standard coal)/kWh over the previous year and 28.24g(standard coal)/kWh compared to that when CDT was founded, the largest drop among peers. During the past five years we conserved about 16.2 million tons of standard coal, or 25.3 million tons of raw coal, equal to four years output of a large-scale coal mine. Oil consumed by thermal power units amounted to 79,344 tons and oil consumption per unit power generated reduced to 28.47 tons/100million kWh by 3.48 tons/100 million kWh over the previous year and 53.24 tons/100 million kWh compared to that when CDT was founded. In the past five years, we conserved around 405,000 tons of oil, which can meet the demand of 20,000 big trucks for one year. Comprehensive station service power consumption rate was 6.42%, reduced by 0.27 percentage points compared to that over the previous year and 0.9 percentage points compared to that when CDT was founded, enabling us to supply another 8GWh which equaled to the power consumption of a middle-sized city for one year.

... Energy Conservation Retrofit

We accelerated energy conservation technology retrofit, invested 700 million yuan to energy conservation and completed 185 retrofit project. High pressure frequency conversion retrofit was carried out on rotating equipment of 93 units with installed capacity of 94.3MW and 245 million kWh of electricity was conserved annually. Less oil for ignition retrofit was conducted on 39 units with installed capacity of 12,900MW and 5,850 tons of oil was saved annually. Multiple static precipitators underwent retrofit with intelligent control technology and de-dusting efficiency was so raised that more than 10% electricity can be conserved. Boiler pre-heaters were also retrofitted and safety and economical efficiency of boiler operation were obviously improved.

We continued to deepen energy conservation and consumption reduction activity, conducted special treatment regarding problems such as thermal system leak and heat consumption during repair and overhaul period. Over last year 151 units with installed capacity of 100MW were repaired, economical efficiency obviously improved and coal consumption for power supply reduced by 2.8g (standard coal)/kWh.



... Economical Operation

Relying on modernized management approaches, we strived to improve economical operation level of equipment. 41 units with installed capacity of 13,140MW were installed energy loss analysis and operation performance management system, provided reliable reference for eliminating deviations from indicators, optimizing operation mode, holding small indicators competition and strengthening performance assessment of operators and effectively stimulated enthusiasm and initiative of operators.

We made active efforts to carry out power generation amount transfer and replacement and optimized power generation amount structure. Small units with low efficiency and large emission were replaced by large units with high efficiency and low emission and overall operation efficiency was improved. The power generation amount transferred reached 11.56 billion kWh, elevating the utilization hours of 300MW and above units to 237 and leading to the decrease of coal consumption for power supply by 1.35g (standard coal)/kWh.

We strengthened fuel management and improved boiler operation efficiency. We made greater efforts to dispatch and manage the coal put into furnace and coal quality monitoring and mixed burning. Though power coal supply was insufficient and quality was unstable, safe and economical operation of units were materialized.



Online difference management information system

Inspecting coal quality

Energy Loss Analysis System

Energy loss analysis system mainly refers to the analysis of the difference between actual unit efficiency and design value as well as difference changes based on the design value and performance test value of unit efficiency and referring to the positive balance efficiency with the aim to discover problems in energy consumption management. Through addressing to the problems that cause energy loss, we tried to materialize zero difference.

The system is comprised of energy loss analysis and operation performance management system (SIS system) of power plant which acts as data resource and real time online difference management information system of group company, branch companies and subsidiaries. Its functions include unit real time information, energy consumption difference and alarm information display, searching, summarizing, analyzing, difference management, etc.

··· Water Conservation

As most affiliated enterprises of CDT were located in water-scarce areas in the north, it is not only an internal requirement for CDT's sustainable development to enhance water conservation but also a social responsibility that we have to shoulder.

In accordance with relevant national laws and regulations as well as water conservation standards of power generation enterprises, we formulated Management Measures on Water Conservation of Thermal Power Plant, involved water conservation in the whole process and every segment of enterprise development and operation management, incorporated economic responsibility system assessment and stimulated power generation enterprises' enthusiasm to conserve water to a large extent.

We insisted on improving utilization efficiency of water resource by relying on scientific and technological progress, adopted water conservation technology such as air cooling and seawater desalination, widely utilized city wastewater after in-depth treatment and thus reduced consumption of freshwater.

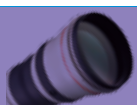
In 2007, while an increase of 9,880MW was realized in terms of installed capacity, the intake of fresh water by CDT was decreased to 331,380,000 tons, 38,520,000 tons less compared to that of the previous year. The intake of fresh water per unit of electricity generated decreased by 24.2% to 2.26kg/kWh, 0.72kg/kWh less than that of the previous year. Zero discharge of industrial wastewater was materialized by 20 enterprises including Douhe Power Plant, Qitaihe Power Generation Company, Wushashan Power Generation Co., Ltd. and so on.



Air-cooling unit

Wastewater treatment facility

Water quality monitoring



Focus

“ Economical Year ”



Work Requirement in Economical Year:

To enhance conservation awareness and advocate the good practice of operating enterprises in an economical manner; improve regulations and systems, ascertain job responsibilities and form a long-term mechanism to strengthen internal management; pose strict control on cost and boost profitability; reduce resources consumption and protect environment in earnest.

Work Focus in Economical Year:

To emphasize on energy and resources conservation, start from the reduction of coal consumption for power supply, lower resources consumption rate and pollutant emission rate comprehensively, effectively control cost and expenses of power generation and consistently improve enterprise economic effect and social effect.

In accordance with *CDT General Plan for Economical Year*, every unit and departments of CDT looked up their problems in energy conservation aspect, put forward proposals regarding how to improve, made action plans, ascertained responsibilities, and started from every detail at work, e.g. every kilowatt-hour of electricity, every gram of coal, every drop of water and every cent of money to enhance conservation awareness and increase benefits. In spite of coal price increase and hike of interest rate, 2007 witnessed a large increase of our gross profit.



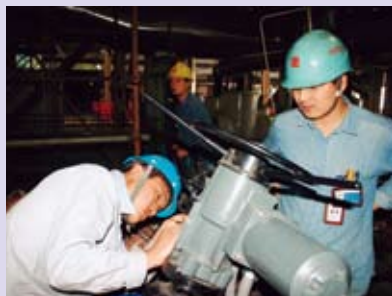
Special performance monitoring and inspection of fuel management

Financial personnel analyzing data in earnest

In order to fulfill our social responsibility and promote economical development, we carried out the activity of Economical Year with focus on energy and resources conservation within CDT.

Key Work and Achievement in Economical Year

Key Work	Main Achievement
We carried out special treatment of energy conservation and consumption reduction with emphasis on decreasing coal consumption for power supply.	Consumption and emission indicators were obviously lowered.
We deepened project feasibility study, optimized project design, standardized equipment tendering, enhanced project management, guaranteed project quality and controlled project cost.	We organized 42 billion yuan worth of public bidding in 2007, saving 2.1 billion yuan worth of investment. Budgets performed in thermal power project and wind power project were reduced respectively by 5% and 3.5% than scheduled.
We strengthened budget management, capital deploy, financing and investment management and power generation amount transfer, and strictly controlled all kinds of cost.	Profit growth exceeded income growth; income growth surpassed cost growth; annual operation assessment objective was realized.
We promoted performance management, held technical contest and enhanced personnel training.	Talent support and intelligence was guaranteed for conservation.
We improved analysis approach of economic activities and strived to solve outstanding conflict in production and operation.	Profit structure was obviously improved; profitability was raised and most branch companies and subsidiaries achieved profit increase from deficit of the previous year.
We conducted Building Economical Headquarter activity.	Expenses of conferences, reception, going abroad on business, transportation and travelling were under effective control.
We strived for development of circular economy and increase of resources utilization efficiency.	The comprehensive utilization rate of powdered ash and desulfurization gypsum and recycling rate of wastewater were evidently raised; good economic and social effect was achieved.
We accelerated auditing and monitoring, conducted special performance monitoring and auditing in order to prevent from management loopholes.	The number and effect of project establishment of auditing and monitoring reached the best level in CDT's history. 240 million yuan of project cost was reduced and a total of 102 million yuan was saved due to auditing.
We developed model workers and reward those with outstanding performance; carried out in-depth publicity activities.	Good atmosphere was created for Economical Year activity; staff's awareness of conservation was evidently enhanced.



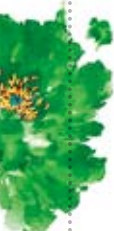
Concentrating on inspection and maintenance to improve efficiency of power generating equipment



Theme event of "Striving For More Power Generated and Prioritizing Conservation"



Column of "Two Striving One Welcome" on CDT's website



Common Development

千人同心
则得千人力
万人异心
则无一人之用

◎ 淮南子·兵略训

- ☐ Staff's Rights & Interests
- ☐ Staff's Growth
- ☐ Win-Win Cooperation
- ☐ Public Welfare



Concentricity among staff at all levels and harmony between inside and outside are our objective that we are working assiduously to achieve. We adhered to the principle of common development, kept on improving management mechanisms, guaranteed staff's legal rights and interests and built growth platform for staff to promote common development of staff and enterprise; abided by the law to conduct win-win cooperation with our strategic partners through effective exchanges; stood by our promises and safeguard the sound and orderly market environment together with our supplier and clients; persisted in rewarding the society with achievement, actively participated in community building and promoted common prosperity of local economy and society; enthusiastically devoted to public welfare undertakings, helped those in danger or poverty, and contributed to the promotion of social harmony.



… Staff's Rights & Interests

We attached great importance to employment issue and spared no efforts to safeguard staff's legal rights and interests. In 2007, we invited experts to train entire staff before implementation of the revised Law of China on Employment Contracts, formulated and modified 29 relevant regulations and formed relative mature system. We signed employment contracts with all staff in accordance with equality, voluntariness and negotiation to reach agreement principle.

We pursued equal and unbiased employment policy, resisted firmly to employ children workers and properly arranged the employment of the disabled. By the end of 2007, the proportion of male workers and female workers to the total was respectively 73.52% and 26.48%. We employed 704 handicapped staff and 4,085 staff of minor nationalities, respectively accounting for 8.5% and 4.9% of the total.

No staff shall be discriminated against on the grounds of nationality, gender or religion. All staff is paid in accordance with same payment for same amount of work principle. Proper growth of staff's salary was retained. The salary of newly joined employees shall not be lower than local average salary level. We firmly abided by the national man-hour system and paid vacation system and provided all employees insurances such as pension insurance, medical insurance, job-related injury insurance, birth insurance and unemployment insurance.

We paid great attention to human rights of our staff, fully respected and safeguarded staff's right of knowing the truth, participation, supervision and expression, earnestly implemented such systems as staff representative congress, open plant affairs to the public, democratic evaluation of leadership, etc. and continuously expanded the width and depth of staff's participation in enterprise production and operation. CDT set up trade union working committee to enhance its guidance on the unions within CDT, established trade union in newly founded enterprise and made sure all affiliated enterprises have their union. All enrolled employees have joined the unions.



Staff Representative Congress at grassroots enterprises

We insisted on development by relying on staff and development for staff with achievement beneficial to entire staff. We widely conducted “heart-warming” campaign to help staff to overcome difficulties of life, set up Great Wall Love Fund to relieve poverty, carried out heart-warming program and so on to improve security mechanism for staff in severe poverty and heart-warming mechanism.

We organized diversified recreational and sports activities to enrich staff's leisure time. We successfully held the first CDT Culture Festival which fully demonstrated the positive spiritual outlook and artistic talent of our staff. We carried out a series of activities to enrich the lives of the retired with the goal as follows: all elderly people are to be taken care of, to have access to proper medical care, to be given opportunities to pass on their experience as well as to learn new things, to be given the opportunity to do what they can for the society while enjoying their late years.



Tang Beauty Cup Dancing Competition of CDT First Cultural Festival

Colorful recreational and sports activities of the retired

● Prizes of 2007 CDT Recreational Activities

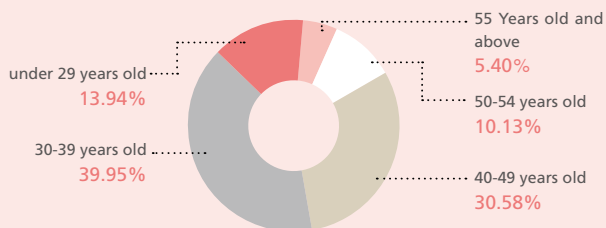
	Prize Winner's Name and Enterprise	Prize
Second National Painting and Calligraphy Contest of Electric Power Industry	Sun Yi (Datang Huainan Tianjia'an Power Plant)	Golden Medal of Calligraphy
Second National Painting and Calligraphy Contest of Electric Power Industry	Fang Qingjun (Datang Huainan Luohe Power Plant)	Silver Medal of Calligraphy
Second National Painting and Calligraphy Contest of Electric Power Industry	Wei Dong (Datang Nanjing Xiaguan Power Plant)	Bronze Medal of Traditional Chinese Painting
Vocality and Peking Opera Contest of Second Chinese Staff Art Festival	Ma Li (Datang Heilongjiang Power Generation Co., Ltd.)	First Prize of National Vocal Music

...Staff's Growth

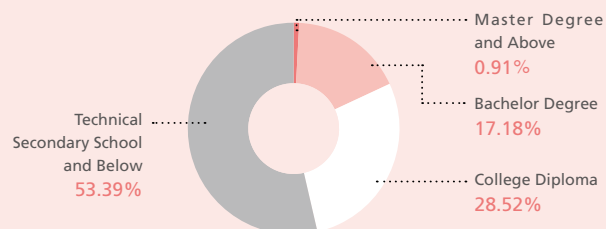
We persisted in the philosophy of common development of enterprise and staff and spirit of paying respect to laboring, knowledge, talent and creation to build growth platform for staff.

Focusing on developing key and scarce talents, we enhanced cooperation with renowned universities, organized management, financial and foreign language training for high-level talents, opened Datang Talent Forum and developed Cyber University. Over the previous year, a total of 871 managerial staff, 2,106 operators and 1,226 inspectors

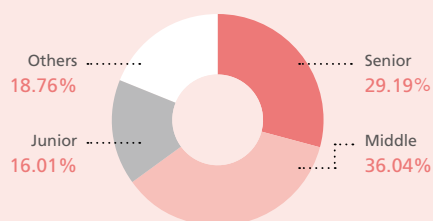
● Age Structure of Employees



● Education Background Structure of Employees



● Position Structure of Employees



First "Ten Outstanding Youth" Appraisal of CDT is a new measure adopted to encourage growth of talents.



To make full use of education training base, hold 684 technical contest and examination such as relay protection and high pressure welding with altogether 27,430 participants.



CCTV conducting interviews at the training class for accreditation of qualification for employment at legal department.

Before shutting down small capacity units, we carried out thorough survey on surplus staff and formulated feasible arrangement scheme. As a result, all surplus staff was properly rearranged through such channels as training, split-flowing and rotating to other posts.

We increased talents that were introduced, held 12 recruitment events through standardized market-oriented manner, recruited 350 scarce talents, further optimized talent structure and basically formed internal talent market. 1,109 employees of CDT were cannibalized, accounting for 1.34% of the total.

In 2007, talent density of CDT largely increased. The proportion of talents at senior engineer level and above increased by 12.02%, that of staff at middle level and above by 7.79% and that of staff with college diploma and above by 3.27%.

● Staff Training in 2007

Training Program	7662
Participation Rate of Staff in Training	100%
Participant	407400
Among which: Enterprise Managerial Staff	33430
Professional Technical Staff	36250
Production Technical Staff	292930
Others	44790

● Recruitment and Employment Arrangement in 2007

Newly Graduates	1041
Ex-servicemen	225
Surplus Staff after ShuttingDown Small Capacity Units	9465

● Staff's Qualification Accreditation in 2007

Professional Technical Qualification Accreditation	5416
Employment Qualification Accreditation	2110
Technical Staff Qualification Accreditation	8340

● Significant Titles Won by CDT Staff in 2007

Title	Number of Prize-Winners	Conferrer
National May First Labor Medal	2	All China Federation of Trade Unions
National Energy Chemical System Outstanding Female Worker	2	China Trade Union of Chemical and Energy Industry
Outstanding Manager of Enterprise Cultural Construction	2	China Enterprise Culture Improvement Association
Outstanding Learned Staff	1	SASAC
Excellent Trade Union Cadre	1	National Committee of China Trade Union of Energy and Chemical Industry
Technical Expert of Electric Power Industry	4	China Electricity Council
Technical Expert of Enterprises Directly Managed by CPC Central Committee	13	SASAC
Young Talent from Enterprises Directly Managed by CPC Central Committee	1	SASAC
Excellent Cadre of Communist Youth League (CYL) of China	2	Work Committee of CYL of Enterprises Directly Managed by CPC Central Committee
Excellent CYL Member of Enterprises Directly Managed by CPC Central Committee	1	Work Committee of CYL of Enterprises Directly Managed by CPC Central Committee
Outstanding Female Workers of Enterprises Directly Managed by CPC Central Committee	1	SASAC, China All Women's Federation
Excellent Worker of Building Spiritual Civilization of Enterprises Directly Managed by CPC Central Committee	2	Office of Building Spiritual Civilization of China's State Organizations
Outstanding Worker in Discipline Inspection System of Enterprises Directly Managed by CPC Central Committee	2	CPC Committee of SASAC, SASAC

... Win-Win Cooperation

We adhered to the win-win cooperation policy, based ourselves on common growth with partners and strived to boost local economical prosperity and social progress through self development.

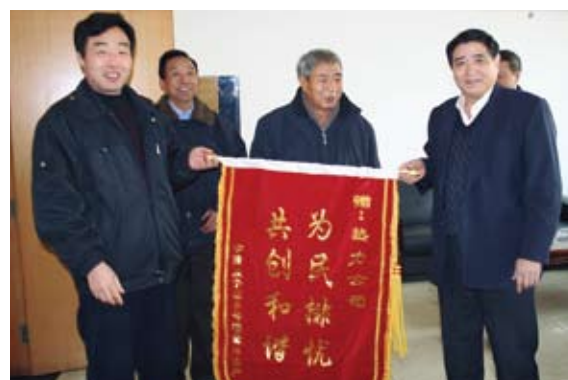
We insisted on expanding employment, paying tax and promoting local economic development in terms of economy, tax, employment and service. In 2007 merely a capital construction project created 110,000 positions for our partners. Meanwhile we were supported by government through 1.19 billion yuan worth of tax exemption for imported equipment.

It is our unremitting pursuit to operate by law and maintain good cooperation relationship with our partners through effective communication and cooperation mechanism so as to promote common development. In 2007, we signed strategic cooperation agreement with enterprises such as German Nordex Energy Co., Ltd., China Nuclear Industry Co., Ltd and local government to extend fields for cooperation.

We carried out strict qualification inspection system on our suppliers to conduct thorough inspection on their products, service, labor deploy, human rights and anti-corruption. No suppliers have been found illegal operating or being fined.

We actively participated year conferences and forums held by all kinds of associations to give advices for sound development of electric power industry. In Oct. 2007, we held the third electric power enterprise management forum of Improving Performance Management of Electric Power Enterprise.

We strictly enforced our *Interconnecting and Dispatching Agreement* and *Power (Heat) Purchase Contract* to supply ample and good quality electricity and heat for our clients.



Community user presented silk banner to Datang Baoding Co-generation Power Co., Ltd. as a gift for gratitude.

● Significant Awards Relating to Corporate Social Responsibility (CSR) in 2007

Title	Prize Winner	Conferrer
Civilized Unit of Central State Organs	China Datang Corporation	Coordination Leading Group of Building Spiritual Civilization of China's State Organizations
Award for Excellent Enterprise Culture Construction	China Datang Corporation	China Research Institute of Enterprise Culture
Award for Outstanding Contribution to China Charity	Datang Jixi Co-generation Power Company	China Charity Federation
National Patriotic and Supporting Serviceman Model Enterprise	Datang Leiyang Power Plant	China Patriotic and Supporting Serviceman Office
Award for Excellency in Building Enterprise Culture of Electric Power Industry	7 Power Generation Enterprises Including Datang International Douhe Power Plant	Enterprise Culture Development Center of China Electricity Council, China Enterprises Competitiveness Promotion Council
Award for Youth and Civilization of Enterprises Directly Managed by CPC Central Committee	Class 2 of Turbine Branch Company of Datang Hunchun Power Plant	Work Committee of CYL of Enterprises Directly Managed by CPC Central Committee
Award for Excellency in Culture Construction of Enterprises Directly Managed by CPC Central Committee	Datang Leiyang Power Plant	SASAC
Award for Excellent Performance in Discipline Inspection of Enterprises Directly Managed by CPC Central Committee	Datang Huainan Luohe Power Plant	Committee of CPC of SASAC, SASAC

Public Welfare

We actively participated in all kinds of donations to help kids to continue their education such as "Hope Project". In 2007, a donation of 1 million yuan was made to Gansu Hope Project and altogether 1.45 million yuan was donated to schools. Affiliated enterprises also organized activities to aid children unable to go to school and more staff consciously joined in public welfare undertakings.

We increased our donation to disaster relief and poverty alleviation by donating 6 million yuan to disaster affected areas such as Yunnan, Anhui and Henan. Affiliated enterprises organized activities such as Young Volunteers, Service Day to Show Respect for the Aged and Giving Aid to the Disabled. Some converted their irregular move of public welfare undertakings to a regular and normal mechanism.

We conducted a variety of activities to support new rural construction. The look of Bieshanximao village aided by Panshan Power Generation Company was obviously improved; 8,000 books were donated to local "New Rural Book House" by Luoyang Co-generation Power Plant and Changchun No.2 Co-generation Power Company; Longtan Hydropower Company built Bianxiang Bridge for Yuli Village, Tian'e County of Guangxi Province and solved villagers' difficulty of travelling out.

Donations Made by CDT

Item	2004	2005	2006	2007
Donation by Enterprise	1163	7273	9194	1083.18
Donation by Staff	66.83	157.47	89.26	278.16

[Unit: 10,000 yuan]

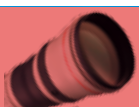
Li Dapeng Giving Aids to Children Unable to Go to School for 12 Years

1995, a third-grade pupil, Liu Yunfeng, from a small village of Hebei Province, had to discontinue her studying due to her mother's death, father's illness and family's poverty. Hearing that, Li Dapeng, an employee of Datang Baoding Co-generation Power Plant, decided to help her to continue her studying. For past 12 years, he persisted in visiting Yunfeng regularly, sending her money and articles and encouraging her by letter. When Yunfeng's father and grandmother passed away, Li Dapeng and his wife immediately sent condolence and care and continued to aid her for university education. After Yunfeng graduated in 2007, she gave up the opportunity to work in the city and chose to become a rural teacher back in her hometown. She will pass on uncle Dapeng's love with her own practices.



Staff making donation for disaster affected areas

Young volunteers at move



Focus



Open Datang



At the beginning of 2007, CDT decided to publish the first CSR report and elevate the compiling and publishing CSR report as the means to enhance staff's awareness of social responsibility and strengthen communication with society. On Sep. 7, the press conference of publishing 2006 CSR was held in the form of video-conference with 146 branch meeting rooms and over 4000 participants including staff, executives of local government and representatives of all walks of life were present.

In order to better fulfill our social responsibility, we unprecedentedly invited representatives of stakeholders and experts to symposiums to listen to their advices and suggestions.



In September, we launched the activity of CDT in the Eyes of Hundreds of Journalists, invited journalists from six medias including People's Daily, Xinhua News Agency, China National Radio, Worker's Daily, Economic Information Daily and China Electric Power News to conduct in-depth coverage of CDT.

In the spirit of "getting known by society and supervised by society", we successively held activities such as Stakeholders Representative Symposium, Press Conference of CSR Report Publishing, Enterprise Open-to-the-public and CDT in the Eyes of Hundreds of Journalists, improved communication mechanism and helped the public to learn more about CDT in 2007.



On Sep. 7th, we held Open-to-the-public with the theme of "Supplying Clean Power and Lighting Happy Life". 26 power enterprises of CDT from 17 provinces (regions or municipalities) opened to the public and tens of thousands of citizens, students and representatives from all walks of life walked into those power plants which had been strange to them, communicated with our staff and got to know the process of power generation. Both the width of the activity and the number of participants were incomparable in the history of electric power industry and among enterprises directly managed by CPC Central Committee.



Armed police visiting power generation equipment.



Explaining power generation process in Korean and Chinese.



Explaining knowledge of power generation to high school students.



Journalists covering Open-to-the-public activity.

... Future Perspective



2008 is the first year since SASAC issued Guidance Opinions on the Performance of Social Responsibility by Enterprises Directly Managed by the CPC Central Committee and the first year since CDT joined the U.N. Global Compact. We will implement the Guidance Opinions of SASAC in a comprehensive way, seriously carry out the ten principles of the U.N. Global Compact and actively perform various items of social responsibility. We will strive to incorporate the requirements of SASAC and the spirit of the Global Compact into our development strategy and daily management activities. We will further perfect the management system of social responsibility and sustainable development, incessantly improve relevant index system and assessment and appraisal system, advance the balanced development of economic, social and environmental performance, improve the core competitiveness of enterprise and speed up the pace to enter Fortune Global 500.

We will continue to insist on the outlook on scientific development and strive to realize the unification of speed, quality and benefit.

We will continue to speed up the pace of power sources construction, ensuring that the installed capacity of power generation within the year will break through 80,000MW; vigorously enhance the sales and marketing management to realize that the sales revenue will break through 100 billion yuan; steadily expand the industrial chain of electric power to lower down the risk of main business effectively and foster the new profit increase point; further enhance the cost control and the excavation of internal potential, dissolve the market pressure and management risk to the largest extent, strive to improve the profitability level, complete the assessment and appraisal index of SASAC in a comprehensively manner and return the shareholders with favorable profits.

We will continue to insist on the concept of development coordinating with resources and environment and strive to construct a resources conservation-minded and environmentally friendly enterprise. We will further accelerate the development of clean and renewable energy. We will put 3,680MW of hydropower into operation within the year and ensure the installed capacity of hydropower breaks through



10,000MW; we will put 1,030MW of wind power into operation within the year and ensure the installed capacity of wind power breaks through 2,000MW; we will continue to eliminate the out-dated productivity and shut down 1,000MW small capacity thermal power units within the year; we will accelerate the technical modification in energy saving and environmental protection, accomplish the key project of air quality guarantee during Olympic Games as scheduled and ensure that the desulphurization equipment rate of thermal power units exceeds 80%; we will deeply develop the activities of "Environmental Protection Year", further strengthen the force of energy saving and emission reduction and ensure the coal consumption for power supply is reduced by 6.94g/kWh and reaches 336g/kWh, saving 2.1 million tons of standard coal; ensure that the major pollutant emission rates continue to decrease: that of SO₂ down to 2.8g/kWh and standard discharge rate of flue gas and waste water up to 98.8% and 99.2% respectively; actively develop the cycle economy, advance the industrialization, market-orientation and scale-orientation of the comprehensive utilization of

wastes and ensure the comprehensive usage rate of powdered coal ash exceeds 60%. We will make more contributions to the construction of ecological civilization and the sustainable development of global economy.

We will continue to insist on the concept of "People Orientation" and strive to build a harmonious enterprise. We will strictly implement related national laws and regulations, standardize labor contracts and labor employment management in a comprehensive way and strive to compose a standard, orderly, harmonious and steady labor relationship; enhance the democratic management and supervision of staff members, insist on and continuously perfect systems such as staff representative meeting, opening the plant affairs to the public, staff director and staff supervisor as well as equal negotiation to practically protect the legal rights and interests of staff members; continue to strengthen the safety education, eliminate the potential safety problems, improve working environment and ensure the vocational safety and health of staff members; enhance the construction of training infrastructure, innovating the training contents, methods and the system of talent cultivation and realize the concurrent progress of staff members and enterprise; continue to improve the living conditions of staff, enrich their cultural life and realize the objective of building a harmonious enterprise by and sharing development results with 80,000 staff.

We will continue to insist on the theory of managing the enterprise in accordance with laws and operating in a standardized manner and strive to improve the social harmony. We will combat against all unfair competition and commercial bribery as well as enhance and develop the friendly cooperation relationship with clients and suppliers; perfect the communication channel, innovate the intercourse manner and improve the understanding with and support from various stakeholders; enhance the knowledge of electric power utilization as well as energy saving and environmental protection publicity, guide the public to use the electric power in a safe way, to economize the use of energy, to consume in an environmental protection way and enhance the consciousness of environmental protection of the entire society; actively participate in and support the work of industrial associations and promote the common development of the entire industry; enlarge the supportive force for the construction of new rural construction and bring along the development and prosperity of rural economy and culture; continue to support the community construction and establish as well as perfect the long-term effective mechanism of supporting public welfare undertakings. We will report our practices and results of performing the enterprise's social responsibility annually to the public in the expectation of achieving the support and supervision from all walks of society.

…Comments from Stakeholders



Xu Guangchun

Secretary of the CCP Committee of Henan Province and Director of the Standing Committee of the Provincial People's Congress

We extended much gratitude to CDT for the contribution it made to the economic construction of Henan Province. CDT has developed rapidly, brought along the development of economy in Henan Province and performed the social responsibility of the enterprise. CDT has created the "Henan Mode" of "Setting up large capacity and shutting down small capacity, replacing the small with the large" to advance the development of electric power industry in Henan Province.



Zhao Xin

Deputy Director, Research Office, SASAC

The enterprises directly managed by the CPC Central Committee shall not only exert their control forces, influences and impetuses in China but also actively implement the strategy of "Going Global" representing the national image and participate in international competition. The issuance of CDT's social responsibility report is absolutely not aimed at seeking the limelight or faddism, but placing CDT on a higher standard and starting point. We shall consciously accept domestic social supervision, giving full play to the exemplary function of a large-scaled state-owned enterprise. Meanwhile, CDT shall compete with international corporations with the purpose of narrowing the gap and striving to become a first-class large company, which reflects the unremitting pursuit of the central enterprises in a higher level.



Zhang Wantuo

Vice President, Tianjin Jinneng Investment Company

As one of the shareholders of Datang International Power Generation Co., Ltd., we are always maintaining a good strategic cooperative partnership with CDT. Over the past few years, under the leadership of CDT, Datang International Power Generation Co., Ltd., which adheres to the principle of "governance by law and standardized management", experienced a fast growth and expansion, the total tax of interest reached its new peaks for several times and the shareholders' returns increased year by year. The cooperation with CDT makes us deeply feel the spirit of taking high responsibility for other shareholders and the society, CDT is the partner which is most worthy of our reliance and respect.



He Jiuchang

Deputy Director, Shaanxi Provincial Development & Reform Commission

Having relatively worse development index is the main reason of promoting the early stage work of Han River's cascade development slowly. Shanxi provincial communist party committee & provincial government are very satisfied with the great efforts CDT has made after taking over the project, which has been advanced smoothly. It is a great contribution to the economic development of Shanxi, a concrete embodiment of CDT implementing the outlook on scientific development, insisting on sustainable development and accelerating the development of renewable energy, and also a model of the economic cooperation and development between central large-scaled enterprises and local governments.



Zhang Mengmeng

Vice Chairman, China Trade Union of Energy & Chemical Industry

CDT had made positive explorations and unremitting efforts in promoting democratic management, protecting legitimate rights and interests of staff and encouraging employees to grow and make a career. Meanwhile, CDT actively supported the construction of community, was continuously dedicated to public welfare and had done a large quantity of work on expanding employment, aid and poverty alleviation, disaster relief and donating to education. All of these work and achievements in performing social responsibility were widely accredited by the Public.



Zhang Lu

Postman, Post Office of Changchun City, Jilin Province

I knew how the electric power was transformed from coal through CDT's "Open-to-the-Public ctivity", which gave me a profound understanding of CDT's concentric culture, enterprise spirit and development prospective. As an ordinary citizen, contacting with power plant in such a close manner helped me to get an understanding of the social responsibility undertaken by the enterprise, and meanwhile aroused my working enthusiasm and sense of responsibility in terms of serving the Society.



Zhao Xia

Staff of Datang International Honghe Power Generation Co., Ltd.

My experience of growing up from a little girl to a middle-level cadre of the enterprise is just a miniature of eighty thousand Datang people. A large group of excellent female supervisors on duty, inspection supervisors, chief accountant officers, chief engineers appeared upon the atmosphere of "CDT Serves as a Big Stage for Talents". Pursuant to the HR philosophy of "Not only considering one's education or experience or gender", CDT wholeheartedly tried to build a platform for our development with great training and growing up opportunities.



Zhu Hongwei

Chief Engineer, Power Generation Design and Management Department of NWEPTDI

CDT is a mature, experienced and responsible large-scaled enterprise. In the general conception of the power generation projects, CDT paid great attention to the social responsibility related issues, such as environmental protection and energy saving, while pursuing the reasonable profit. At the stage of implementing the design scheme, the devices like safety, environment protection and energy efficiency were configured and a higher standard in prevention of occupational diseases was set, which all embodied CDT's philosophy of constructing a resources conservation-minded and environmentally friendly society. CDT is a very faithful partner who has never taken the advantage of being an owner in terms of dealing with its relationship with the design party.

... Evaluation and Comments

DNV Assurance Statement

China Datang Corporation Sustainability Report 2007



Det Norske Veritas (DNV) has been commissioned by China Datang Corporation (" Datang ") to carry out the verification of the Datang Sustainability Report 2007 (' the Report '). The verification activities were conducted at Datang ' s Head Office in Beijing. DNV disclaims any liability or responsibility to any third party for decisions, whether investment or otherwise, based upon this assurance statement.

Scope of assurance

Our scope of work includes the verification of:

- Selected indicators and statements of the report based on risk-based approach as stipulated in DNV ' s verification protocol – VeriSustain.

Level of Assurance: Limited Level of Verification

- As requested by Datang, DNV ' s verification activities were conducted at Head Office, Beijing only. DNV did not visit any other locations.

Verification approach

The verification was conducted during June 2008. The Verification activities were planned and performed in accordance with the requirements of VeriSustain which were in line with the relevant criteria of the following documents:

- Adherence to the principles of Materiality, Completeness, and Responsiveness as set out in the AA1000 Assurance Standard and,
- The Global Reporting Initiative 2006 Sustainability Reporting Guidelines.

In reaching our conclusions, we have conducted the following work

- Interviewed with the President to assess the top management ' s commitment to the sustainable development strategy.
- Interviewed with the representatives of relevant departments to understand the policy, objectives and procedures for sustainable development, and the degree to which those objectives were met;
- Investigated the systems used to generate, aggregate and report indicator data at reporting units;
- Reviewed specific documents, data and information made available by Datang;
- Reviewed a selection of internal communication and external disclosure mechanisms.

Conclusions

In our opinion, the report provides a fair representation of the level of implementation of sustainability policies, and DNV has not found any systematic or major errors.

Completeness

- Good, majority of materials issues which stakeholders concern were disclosed in the report.

Timeliness

- Good, the 2007 performance data is disclosed timely.

Responsiveness

- Acceptable, solutions and action plans should be further addressed in the report via the stakeholders ' concern.

Accuracy

- Acceptable, due to Acceptable limited level of verification.

Neutrality

- Good, we conclude that the information contained in the report is unbiased.

Comparability

- Good, the information in the report is presented in a format that allows users to see positive and negative trends in performance on a year-to-year basis.

Recommendations

During the course of the verification project, we made the following recommendations:

- As a member of Global Compact, Datang should establish measurable indicators and action plans to demonstrate progress;
- Enhance responsiveness and completeness by identifying and reporting major concerns of the stakeholders, such as greenhouse gas emission and supply chain management;
- Enhance comparability by reporting benchmarking data;
- Assign local representative in all the subsidiaries to improve sustainable performance awareness;
- Enhance and deploy management system and data assurance systems to all levels of Datang.

We do believe Datang is capable to implement systematic mechanisms and procedures to enhance the overall quality of the future CSR report.


Hsu, Sangem
Vice President


Wang, Xuezhu
CR Service Manager (China)


Cai, Kunquan
Lead Verifier


Zhang, Jun
Verifier

Signed June, 2008

Evaluation on 2007 Social Responsibility Report of China Datang Corporation

After reading 2007 Social Responsibility Report of China Datang Corporation (hereinafter referred to as "the Report"), I give the evaluation and comments as follows:

I. Contents of the Report

The Report discloses CDT's performance of social responsibility in aspects of economy, society and environment, under the guidance of corporate mission of "Supplying Clean Power and Lighting Happy Life", aiming at common development of enterprise and society adhering to the five major development orientations, i.e. optimized, safe, clean, economical and common development.

Readers can learn from the Report that CDT had consciously implemented the scientific outlook on development, incorporated its social responsibility into the enterprise's strategy, culture as well as the whole process of its operation in the past year. CDT had done a great number of fruitful work and achieved remarkable results in structural adjustment, energy conservation, production management, harmonious enterprise construction and social responsibility performance.

II. Characteristics of the Report

The Report is of good continuity. It completely discloses the practical work to achieve the target proposed in the last year's report in the key fields of performing social responsibility, i.e. increasing the proportion of renewable energy, accelerating the energy-saving and environmental protection retrofit, strengthening safety and operation management, extending industrial chain, supporting the social public welfare and helping our readers to get an accurate understanding of enterprise's development.

The security system is emphatically introduced. The Report has an emphasis on introducing the security system of social responsibility performing, e.g. emergency response management system, star-rated assessment and appraisal

system and the environmental protection supervision system, etc., not only explaining the composition and functions of the system but also giving the flow chart of the system's operation which elaborated the function and effect of the system.

The data are complete and comparable. The Report discloses lots of indicator data reflecting the enterprise's social responsibility performance, among which key ones are given for four to five consecutive years in the form of chart with vividness, straightforwardness, comprehensiveness and strong vertical comparability.

III. Comments on the Report

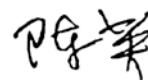
The Report, featured by its clear theme and logic, concrete data, and abundant cases, gives a complete disclosure of its philosophy, objective and management system of CDT's social responsibility, concretely describes CDT's thorough implementation of the scientific outlook on development in the whole process of production along with the successful practice and achievements, embodies CDT's unremitting pursuit of organic integration of sustainable development of enterprise and the society in accordance with the principles of "Global Compact". Therefore, it is a high-level social responsibility report.

IV. Suggestions

To help more shareholders get better understandings of CDT's active contributions to sustainable economic and social development, more information shall be disclosed to promote the better performance of social responsibility together with stakeholders.

Vice Chairman of China Enterprise Confederation
Director of Board of UN Global Compact

Chen Ying



June 2008

... Performance Report

	Performance Indicators	Unit	2003	2004	2005	2006	2007
Finance and Operation	Installed Capacity	10 thousand kW	2745.55	3353.4	4165.55	5405.95	6482.34
	Power Generation Amount	100 million kWh	1427.53	1733.7	2097.7	2516.21	3047.57
	Total Assets	100 million yuan	1119	1400	1830	2257	2949.27
	Sales Revenue	100 million yuan	328	412	552	703	850.45
	Operating Costs	100 million yuan	274	353	479	596	696.63
	Total Profits	100 million yuan	26.7	31.1	36.34	55.48	75.62
	Total Tax	100 million yuan	66	78	92	131	170.79
	Maintenance and Appreciation Ratio of the Value of SOA	%	102.8	100.46	100.72	102.71	115.52
	Labor Productivity	10,000 yuan/person	20.5	27.8	32.05	40.13	44.95
Safety	Equivalent Available Coefficient ¹	%	91.56	93.2	93.42	94.83	94.40
	Unplanned Outage	Times/Unit/Year	1.57	0.93	0.71	0.6	0.36
	Serious Casualty	Times	0	0	0	0	0
	Serious Equipment Accident	Times	0	1	0	0	0
	General Casualty	Times	1	5	1	1	3
	General Equipment Accident	Times	29	13	12	10	5
Environment	Coal Consumption for Power Supply ²	g (standard coal ³)/ kWh	367.74	363.41	357.51	349.87	342.94
	Comprehensive Auxiliary Power Consumption Rate ⁴	%	7.02	6.93	6.76	6.61	6.42
	Emission Rate of N ₂ O _x	g/ kWh	5.55	5.20	4.89	4.56	3.78
	Emission Rate of SO ₂	g/ kWh	7.98	7.95	7.94	6.13	4.28
	Emission Rate of Flue Gas	g/ kWh	2.43	2.14	1.93	1.48	0.89
	Emission Rate of Wastewater	kg/ kWh	1.21	0.97	0.80	0.63	0.48
Staff	Total Number of Staff	Person	84412	82740	82025	82326	82951
	Worker's Union Enrollment Rate	%	100	100	100	100	100
	Collective Contract Coverage Rate	%	100	100	100	100	100
	Number of Female Employees	Person	22270	21132	21590	21144	21965
	Number of Employees of Minor Nationalities	Person	4119	3908	3993	3910	4085
Public Welfare	Total Donation	Ten thousand yuan	—	1229.83	7430.47	9283.26	1361.34

Notes:

1. Equivalent available coefficient: the proportion of the difference between the available hours of the power units and output debasement hours (equivalent to shutdown hours) to the total hours during the statistical period.
2. Coal consumption for power supply: average consumption of standard coal per 1 kWh electricity supplied by coal-fired power plant.
3. Standard coal: an aggregator indicator to calculate total amount of energy and convert various energy sources. In China, the heat content of every kilogram standard coal is 7,000kilocalorie and accordingly other energy sources can be converted and calculated in the unit of standard coal.
4. Comprehensive auxiliary power rate: the proportion of the difference between electricity generated and that connected to grid to the total electricity generated.

… G3 Index

	Serial Number	GRI	G3 Standards	Index
1. Strategy and Analysis	1	1.1	Statement from the most senior decision-maker of the organization about the relevance of sustainability to the organization and its strategy.	P3
	2	1.2	Description of key impacts, risks, and opportunities.	P15/P20
2. Organizational Profile	3	2.1	Name of the organization.	P4/Back Cover
	4	2.2	Primary brands, products, and/or services.	P4
	5	2.3	Operational structure of the organization, including main divisions, operating companies, subsidiaries, and joint ventures.	P8–9
	6	2.4	Location of organization's headquarters.	Inside Back Cover
	7	2.5	Number of countries where the organization operates, and names of countries with either major operations or that are specifically relevant to the sustainability issues covered in the report.	P3/P5/P54
	8	2.6	Nature of ownership and legal form.	P4/P8
	9	2.7	Markets served (including geographic breakdown, sectors served, and types of customers/beneficiaries).	P9
	10	2.8	Scale of the reporting organization, including: number of employees, net revenues, quantity of products or services provided and total assets.	P4/P19/P64
	11	2.9	Significant changes during the reporting period regarding size, structure, or ownership.	P9/P19
	12	2.10	Awards received in the reporting period.	P19/P26/P34/P51/P54
	13	3.1	Reporting period (e.g., fiscal/calendar year) for information provided.	Inside Cover
3. Report Parameters	14	3.2	Date of most recent previous report (if any).	Inside Cover
	15	3.3	Reporting cycle (annual, biennial, etc.)	Inside Cover/P59
	16	3.4	Contact point for questions regarding the report or its contents.	Inside Back Cover
	17	3.5	Process for defining report content, including: determining materiality; prioritizing topics within the report; and identifying stakeholders the organization expects to use the report.	P11/P13
	18	3.6	Boundary of the report (e.g., countries, divisions, subsidiaries, leased facilities, joint ventures, suppliers).	P9
	19	3.7	State any specific limitations on the scope or boundary of the report.	P9
	20	3.8	Basis for reporting on joint ventures, subsidiaries, leased facilities, outsourced operations, and other entities that can significantly affect comparability from period to period and/or between organizations.	No Similar Case
	21	3.9	Data measurement techniques and the bases of calculations.	Inside Cover/P64
	22	3.10	Explanation of the effect of any re-statements of information provided in earlier reports, and the reasons for such re-statement (e.g., mergers/acquisitions, change of base years/periods, nature of business, measurement methods).	Inside Cover
	23	3.11	Significant changes from previous reporting periods in the scope, boundary, or measurement methods applied in the report.	No Similar Case
	24	3.12	Table identifying the location of the Standard Disclosures in the report. Identify the page numbers or web links.	P64–68
	25	3.13	Policy and current practice with regard to seeking external assurance for the report.	Inside Cover/P62–63
	26	4.1	Governance structure of the organization, including committees under the highest governance body responsible for specific tasks, such as setting strategy or organizational oversight.	P8
4. Governance	27	4.2	Indicate whether the Chair of the highest governance body is also an executive officer.	P8
	28	4.3	For organizations that have a unitary board structure, state the number of members of the highest governance body that are independent and/or non-executive members.	P8
	29	4.4	Mechanisms for shareholders and employees to provide recommendations or direction to the highest governance body.	P10–11/P50
	30	4.5	Linkage between compensation for members of the highest governance body, senior managers, and executives and the organization's performance.	P8/P19
	31	4.6	Processes in place for the highest governance body to ensure conflicts of interest are avoided.	P8/P10/P50

	Serial Number	GRI	G3 Standards	Index
	32	4.7	Process for determining the qualifications and expertise of the members of the highest governance body for guiding the organization's strategy on economic, environmental, and social topics.	P10
	33	4.8	Internally developed statements of mission or values, codes of conduct, and principles relevant to economic, environmental, and social performance and the status of their implementation.	P6/P13/P14/P22/P32/P40/P48
	34	4.9	Procedures of the highest governance body for overseeing the organization's identification and management of economic, environmental, and social performance, including relevant risks and opportunities, and adherence or compliance with internationally agreed standards, codes of conduct, and principles.	P3/P8-10/P30
	35	4.10	Processes for evaluating the highest governance body's own performance, particularly with respect to economic, environmental, and social performance.	P19
	36	4.11	Explanation of whether and how the precautionary approach or principle is addressed by the organization.	P8-10
	37	4.12	Externally developed economic, environmental, and social charters, principles, or other initiatives to which the organization subscribes or endorses.	P3/P20/P58
	38	4.13	Memberships in associations (such as industry associations) and/or national/international advocacy organizations.	P3P12
	39	4.14	List of stakeholder groups engaged by the organization.	P11
	40	4.15	Basis for identification and selection of stakeholders with whom to engage.	P11
	41	4.16	Approaches to stakeholder engagement, including frequency of engagement by type and by stakeholder group.	P11
	42	4.17	Key topics and concerns that have been raised through stakeholder engagement, and how the organization has responded to those key topics and concerns, including through its reporting.	P11
Economic Performance Indicators	43	EC1	Direct economic value generated and distributed, including revenues, operating costs, employee compensation, donations and other community investments, retained earnings, and payments to capital providers and governments.	P19/P64
	44	EC2	Financial implications and other risks and opportunities for the organization's activities due to climate change.	P17/P20/P24/P27/P46/P50
	45	EC3	Coverage of the organization's defined benefit plan obligations.	P50-51
	46	EC4	Significant financial assistance received from government.	P54
	47	EC5*	Range of ratios of standard entry level wage compared to local minimum wage at significant locations of operation.	P50
	48	EC6	Policy, practices, and proportion of spending on locally-based suppliers at significant locations of operation.	P50/P54
	49	EC7	Procedures for local hiring and proportion of senior management hired from the local community at locations of significant operation.	P53
	50	EC8	Development and impact of infrastructure investments and services provided primarily for public benefit through commercial, in-kind, or pro bono engagement.	P55-57
	51	EC9*	Understanding and describing significant indirect economic impacts, including the extent of impacts.	P3/P19/P41
Environmental Performance Indicators	52	EN1	Materials used by weight or volume.	P43
	53	EN2	Percentage of materials used that are recycled input materials.	P16/P19
	54	EN3	Direct energy consumption by primary energy source.	P43
	55	EN4	Indirect energy consumption by primary source.	No Involvement
	56	EN5*	Energy saved due to conservation and efficiency improvements.	P43
	57	EN6*	Initiatives to provide energy-efficient or renewable energy based products and services, and reductions in energy requirements as a result of these initiatives.	P19/P43
	58	EN7*	Initiatives to reduce indirect energy consumption and reductions achieved.	P43
	59	EN8	Total water withdrawal by source.	P45
	60	EN9*	Water sources significantly affected by withdrawal of water.	No Similar Case
	61	EN10*	Percentage and total volume of water recycled and reused.	P36/P42/P45
	62	EN11	Location and size of land owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas.	P37
	63	EN12	Description of significant impacts of activities, products, and services on biodiversity in protected areas and areas of high biodiversity value outside protected areas.	P37

	Serial Number	GRI	G3 Standards	Index
	64	EN13*	Habitats protected or restored.	P37
	65	EN14*	Strategies, current actions, and future plans for managing impacts on biodiversity.	P37
	66	EN15*	Number of IUCN Red List species and national conservation list species with habitats in areas affected by operations, by level of extinction risk.	P37
	67	EN16	Total direct and indirect greenhouse gas emissions by weight.	P35
	68	EN17	Other relevant indirect greenhouse gas emissions by weight.	P35
	69	EN18*	Initiatives to reduce greenhouse gas emissions and reductions achieved.	P34–35/P42–47
	70	EN19	Emissions of ozone-depleting substances by weight.	No Similar Case
	71	EN20	NO, SO, and other significant air emissions by type and weight.	P35
	72	EN21	Total water discharge by quality and destination.	P36
	73	EN22	Total weight of waste by type and disposal method.	P36
	74	EN23	Total number and volume of significant spills.	P33
	75	EN24*	Weight of transported, imported, exported, or treated waste deemed hazardous under the terms of the Basel Convention Annex I, II, III, and VIII, and percentage of transported waste shipped internationally.	No Similar Case
	76	EN25*	Identity, size, protected status, and biodiversity value of water bodies and related habitats significantly affected by the reporting organization's discharges of water and runoff.	P37
	77	EN26	Initiatives to mitigate environmental impacts of products and services, and extent of impact mitigation.	P3/P14–21/P32–39/P40–47
	78	EN27	Percentage of products sold and their packaging materials that are reclaimed by category.	No Similar Case
	79	EN28	Monetary value of significant fines and total number of non-monetary sanctions for noncompliance with environmental laws and regulations.	No Similar Case
	80	EN29*	Significant environmental impacts of transporting products and other goods and materials used for the organization's operations, and transporting members of the workforce.	No Similar Case
	81	EN30*	Total environmental protection expenditures and investments by type.	P35/P37/P38/P43
Social—Labor Practices and Decent Work Performance Indicators	82	LA1	Total workforce by employment type, employment contract, and region.	P52–53
	83	LA2	Total number and rate of employee turnover by age group, gender, and region.	P53
	84	LA3*	Benefits provided to full-time employees that are not provided to temporary or part-time employees, by major operations.	P50
	85	LA4	Percentage of employees covered by collective bargaining agreements.	P50
	86	LA5	Minimum notice period(s) regarding operational changes, including whether it is specified in collective agreements.	P50
	87	LA6*	Percentage of total workforce represented in formal joint management–worker health and safety committees that help monitor and advise on occupational health and safety programs.	P29
	88	LA7	Rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities by region.	P24
	89	LA8	Education, training, counseling, prevention, and risk-control programs in place to assist workforce members, their families, or community members regarding serious diseases.	P28–29
	90	LA9*	Health and safety topics covered in formal agreements with trade unions.	No Involvement
	91	LA10	Average hours of training per year per employee by employee category.	P53
	92	LA11*	Programs for skills management and lifelong learning that support the continued employability of employees and assist them in managing career endings.	P28, 52–53
	93	LA12*	Percentage of employees receiving regular performance and career development reviews.	P53
	94	LA13	Composition of governance bodies and breakdown of employees per category according to gender, age group, minority group membership, and other indicators of diversity.	P50/P52
	95	LA14	Ratio of basic salary of men to women by employee category.	P50
Social—Human Rights Performance Indicators	96	HR1	Percentage and total number of significant investment agreements that include human rights clauses or that have undergone human rights screening.	P50
	97	HR2	Percentage of significant suppliers and contractors that have undergone screening on human rights and actions taken.	P54



	Serial Number	GRI	G3 Standards	Index
	98	HR3*	Total hours of employee training on policies and procedures concerning aspects of human rights that are relevant to operations, including the percentage of employees trained.	P50
	99	HR4	Total number of incidents of discrimination and actions taken.	No Similar Case
	100	HR5	Operations identified in which the right to exercise freedom of association and collective bargaining may be at significant risk, and actions taken to support these rights.	P50
	101	HR6	Operations identified as having significant risk for incidents of child labor, and measures taken to contribute to the elimination of child labor.	P50-51
	102	HR7	Operations identified as having significant risk for incidents of forced or compulsory labor, and measures to contribute to the elimination of forced or compulsory labor.	P50
	103	HR8*	Percentage of security personnel trained in the organization's policies or procedures concerning aspects of human rights that are relevant to operations.	No Involvement
	104	HR9*	Total number of incidents of violations involving rights of indigenous people and actions taken.	No Similar Case
Social—Society Performance Indicators	105	SO1	Nature, scope, and effectiveness of any programs and practices that assess and manage the impacts of operations on communities, including entering, operating, and exiting.	P3/P15/P23/P33/P41/ P49/P53/P58
	106	SO2	Percentage and total number of business units analyzed for risks related to corruption.	P10
	107	SO3	Percentage of employees trained in organization's anti-corruption policies and procedures.	P10
	108	SO4	Actions taken in response to incidents of corruption.	P7-8
	109	SO5	Public policy positions and participation in public policy development and lobbying.	P54
	110	SO6*	Total value of financial and in-kind contributions to political parties, politicians, and related institutions by country.	No Similar Case
	111	SO7*	Total number of legal actions for anticompetitive behavior, anti-trust, and monopoly practices and their outcomes.	P54
	112	SO8	Monetary value of significant fines and total number of non-monetary sanctions for noncompliance with laws and regulations.	No Similar Case
Social—Product Responsibility Performance Indicators	113	PR1	Life cycle stages in which health and safety impacts of products and services are assessed for improvement, and percentage of significant products and services categories subject to such procedures.	P24
	114	PR2*	Total number of incidents of non-compliance with regulations and voluntary codes concerning health and safety impacts of products and services during their life cycle, by type of outcomes.	No Similar Case
	115	PR3	Type of product and service information required by procedures, and percentage of significant products and services subject to such information requirements.	No Similar Case
	116	PR4*	Total number of incidents of non-compliance with regulations and voluntary codes concerning product and service information and labeling, by type of outcomes.	No Similar Case
	117	PR5*	Practices related to customer satisfaction, including results of surveys measuring customer satisfaction.	P24-27/P54
	118	PR6	Programs for adherence to laws, standards, and voluntary codes related to marketing communications, including advertising, promotion, and sponsorship.	No Similar Case
	119	PR7*	Total number of incidents of non-compliance with regulations and voluntary codes concerning marketing communications, including advertising, promotion, and sponsorship by type of outcomes.	No Similar Case
	120	PR8*	Total number of substantiated complaints regarding breaches of customer privacy and losses of customer data.	No Similar Case
	121	PR9	Monetary value of significant fines for noncompliance with laws and regulations concerning the provision and use of products and services.	No Similar Case

Note: Indicators marked with * are additional indicators and those without are core indicators; "no similar case" means the indicator is not related with electric power industry or no such case has ever occurred; "no involvement" means the Report does not involve a disclosure of the indicator.

Related Media and Publications



Contact us

Company Name:
China Datang Corporation

Address of Headquarter:
No.1 Guangningbo Street, Xicheng District, Beijing

Post Code: 100140
Tel: 86-10-66586666 66586658
Fax: 86-10-66586677 66586622
Website: www.china-cdt.com
E-mail: office@china-cdt.com

Contact Department:
General Office for the President



中国大唐集团公司
China Datang Corporation

