

2008 Social Responsibility Report



··· About The Report

This is the third corporate social responsibility (CSR) report published by China Datang Corporation (CDT). In order to enhance the completeness, clarity and responsivity of the Report, we made the following improvements:

■ While continuously referring to The Sustainable Development Report Guide (2006 version) of the Global Reporting Initiative (GRI), we consulted the AccountAbility AA1000 (2008) Standard and accepted the comments and advice of the experts and stakeholders after their review of 2007 CSR Report.

- The Report not only released great details on the progress of CDT's development strategy and fulfillment of "Global Compact", but also added a table on progress of fulfilling the year targets in every chapter to respond to the concerns of stakeholders in a more direct and clear manner. The number of performance index introduced in the Report increased to 270 from 256 last year.
- The Report introduced our operation mechanism, supporting system and work goal of the "five

developments" to illustrate the long-acting mechanism based on performance of CSR with a number of cases demonstrating the commitment of every staff in fulfilling our CSR in an all-round manner

■ In the chapter "To cope with challenges and fulfill responsibility", the Report fully revealed how we consistently fulfilled our CSR in the face of major ordeals in 2008.

■ The information and data in the Report were collected in accordance with CSR Index System of China Datang Corporation and verified by Det Norske Veritas (DNV).

■ The Chinese and English version of the Report are published simultaneously. The Chinese version shall prevail in the case of report validation.

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To download the Report, please visit the website of CDT at **www.china-cdt.com** or that of UN "Global Compact" office at **www.unglobalcompact.org**.

For brevity and convenience, China Datang Corporation is referred to as CDT or "We" in the Report.

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··· Message from the President

2008 was not only an extraordinary year in the course of national reform and opening up as well as modernization but also a special year in the history of CDT. Faced with unexpected catastrophe, complex and changing economic situation and unprecedented operation difficulties, we unswervingly implemented the scientific outlook on development, fully followed the ten principles of "Global Compact", worked tirelessly to fulfill CSR and finally achieved fairly good results in optimizing industrial structure, stabilizing safety and operation, conserving energy and reducing emission and turning losses into profits and made a new step forward on the way of optimal, safe, clean, economical and common development.

We have always considered the guarantee of electric power supply as our sacred obligation and succeeded in maintaining the stability of safety operation even under extreme difficult circumstances. In the face of enormous challenges and severe tests and with calm and selfless commitment, we took the big picture into consideration, made active contribution to fighting against such difficulties as blizzard disaster and Wenchuan Earthquake and outstandingly fulfilled the power supply task during the Olympic Games. The above-mentioned stories have fully demonstrated the strong sense of responsibility, sense of mission and spirit of dedication of



Datang People as well as the sincere love for the people and loyalty to the course of more than eighty thousand staff members.

We have always persisted in the integration of speed, structure and quality and realized further optimization of structure and improvement of development quality. We have maintained the momentum to develop in a sound and fast way with total installed capacity over 80GW among which the installed capacity of hydropower over 10GW and that of wind power over 2GW. CDT ranked the first in China in terms of yearly installed capacity put into operation and installed capacity of hydropower units, and reached historic high in the aspects such as power source structure, unit structure, industrial structure, region layout and overseas development.

We have always persisted in scientific development with energy conservation and emission reduction as the key handle and promoted the construction of a resource-saving and environment-friendly enterprise. We organized Environmental Protection Year activity at an in-depth level, improved the management system and assessment system, and focused on building a long-acting energy conservation and emission reduction mechanism. We made vigorous efforts to fulfill our commitment to energy conservation and emission reduction, increase efforts on technical retrofit and elimination of backward production capacity and maintained a large growth of clean production level. We accomplished the project of guaranteeing good air quality during the Olympics as schedule and contributed to the Green Olympic. We actively promoted industrial development of circular economy, increased continuously the comprehensive utilization of wastes and continued to realize a big drop both in the consumptive indicators and emission and discharge indicators.

We have always considered economic efficiency as the core business and maintained the stable and sustainable enterprise operation through making greater efforts to turn losses to increased profits. In the face of severe challenges such as spreading global financial crisis, slowdown of power demand and tense supply of thermal coal, we emphasized optimal operation and marketing, realized a higher growth of power generation amount than national average and a sales revenue exceeding 100 billion yuan. We strengthened budget management and cost control, deepened economic activity analysis, enhanced performance assessment and made prominent progress in turning losses to increased profits. We put in place improved risk prevention and control mechanism and strict financial and economic principle, blocked management loopholes and thus ensured safety of enterprise operation.

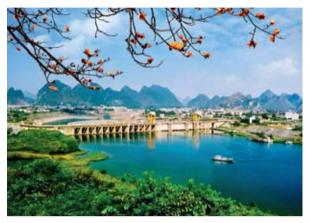
We have always persisted in the philosophy of co-construction, sharing and common development and achieved fruitful results in constructing a harmonious enterprise. We went all out to safeguard the legal rights and interests of staff, enabled the staff to participate in enterprise management, continued to improve the mechanism to realize personal value, effectively guaranteed their health and safety and remarkably improved their work and life conditions. We insisted on returning the development achievement to the society, promoted local economic growth and community construction through enlarging employment, engaging in public welfare undertakings, poverty alleviation and disaster relief. We adhered to operation in conformity to law and mutual benefits through cooperation, continued to deepen domestic and foreign exchanges, further expanded cooperation scope and consolidated partnership.

Responsibility hastens speed, stimulates vigor and forms harmony. In the face of new situation and standing at the new starting point, we shall continue to consciously fulfill our social responsibility within the framework of ten principles of "Global Compact", make concerted efforts with stakeholders and friends from all circles to compose a melody of the harmonious development of economy, society and environment.

··· Brief Introduction

China Datang Corporation is an extra large power generation group directly managed by the central government, a state-authorized investment and state share-holding pilot enterprise ratified by the State Council. The registered capital is 15.39 billion yuan. CDT is mainly specialized in business such as production and supply of electric power and heat and relevant professional technical services.

By the end of 2008, the assets of CDT in operation and under construction have been widely distributed over 28 provinces (municipalities or autonomous regions) and expanded to Myanmar and Cambodia, including 116 power generation enterprises in operation with total installed capacity of 82,420.3MW, total assets of 412 billion yuan and 86,847 employees.







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



Enterprise Values

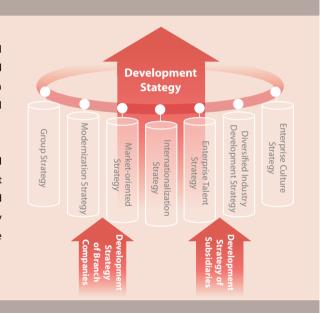


Development Strategy

Development Stategy

The development strategy is: to build CDT into a managerial and share-holding type of market-oriented, group, modernized and internationalized world-renowned energy company with strong development capability, profitable capability and international competitiveness.

Strategic Goal of Development: to double the installed capacity, power generation amount, sales revenue and profit by 2006; to increase the installed capacity to over 90GW and enter Fortune 500 by 2010; to become a world first-class energy group with international competiveness who will play a key role in national economy by 2020.



Progress of Development Strategy

In December 2008, the installed capacity exceeded 80GW.

In August 2008, the total installed capacity exceeded 70GW

In September 2007, the installed capacity exceeded 60GW.

In August 2006, the installed capacity exceeded 50GW.

In December 2005, the installed capacity exceeded 40GW.

Toccomber 2005, the installed capacity exceeded 400 M

In September 2004, the installed capacity exceeded 30GW.

In December 2008, the installed capacity of wind power exceeded 20GW.

In September 2008, the installed capacity of hydropower exceeded 10GW.

In February 2008, the ground was officially broken for the construction of main body of Fujian Ningde Nuclear Power Station, marking the breakthrough of "Zero" nuclear power.

In December 2007, the ground was broken for the construction of Myanmar Dapein Hydropower Project, the first overseas investment project of CDT.

By the end of 2006, the scale and benefit was doubled and the objective to build another CDT in four years was achieved.

By the end of 2005, the goal of development strategy in the first phase which was mainly marked by "Three Breakthroughs" was materialized.

In the beginning of 2005, the original development strategy goal was adjusted to a goal to be realized in three phases during 18 years.

In August 2003, the development strategy and goal of development strategy to be realized in three phases during eight years were established.

On Dec. 29, 2002, China Datang Corporation was founded.

··· Management Structure and Organizational Structure

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. CDT executes the system of General Manager in Charge and the General Manager is the legal representative of CDT. The State Council accredits Supervisory Council of Key Large-scale Enterprise to CDT, which will supervise the value maintaining and increase of state-owned assets within CDT and management and operation actions by the person in charge according to law.

All the company system 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 2008, 156 company system enterprises within CDT held 192 shareholders' meetings, 222 meetings of board of directors and 99 meetings of board of supervisors. We enhanced examination of standard operation of the above-mentioned three kinds of meetings and implementation of meeting proposals so as to safeguard the legal rights and interests of investors.



On Dec. 14, CDT invited experts from the Research Office of Commission of Legislative Affairs of the Standing Committee of National Peoples' Congress to give a lecture on the Law of People's Republic of China on the State-owned Assets.

Senior Management Chart **President** Director of **Chief Financial** Chief Vice President Chief Engineer Consultant Discipline Officer **Economist** Inspection Team Leading Work Group on Fuel ... Leading Work Group on Social Responsibility Leading Group on Informationalization ••• •• Committee of Safety and Operation Supervisory Committee on Management of Enterprise Annuities ••• ••• Leading Group on Constructing Quality, Occupational Health and Safety and Environmental Management System* Leading Group on Capital Operation ••• ··· Leading Group on Overall Risk Management* Leading Group on Project Bidding Invitation •• ••• Leading Group on "Creating the First Class" Leading Group on Talents Evaluation ... · · · Leading Group of Emergency Guidance Organization Leading Group on Popularization of Laws ••• ••• Leading Group on Elimination and Treatment of Hidden Danger of Safety Leading Group on Management of Intellectual Property ••• and Operation* Leading Group on Construction of Spiritual Civilization ••• · · · Management Committee for Equipment Reliability Leading Group on Stability Work ••• · · · Standardization Committee Leading Group on Construction of CPC Ethos and Incorruptness ... ••• Leading Group of Energy-saving and Emission Reduction Leading Group on Management of Commercial Bribe ••• · · · Leading Group of Comprehensive Utilization Leading Group on Network Management of Suppliers Leading Group of Performance Evaluation and Salary Management

Organizational Structure

CDT has established the triple-level hierarchical management mode, i.e. the group, branch companies (or subsidiaries) and grassroots enterprises. In 2008, according to the change of assets location, requirements of business expansion and professional management, Nuclear Power Department was set up at the Headquarters and another three subsidiaries were established: Datang Shandong Power Generation Co., Ltd., China Datang Coal Industry Co., Ltd. and China Datang New Energy Co., Ltd. So far, CDT owns 26 branch companies (or subsidiaries) and 273 grassroots enterprises.

Organizational Structure Chart

Group	Branch Companies and Subsidiaries Grassroots Enterprises
General Office for the President (International Cooperation Dept.)	Datang International Power Generation Co., Ltd. Hunan Huayin Electric Power Co., Ltd. Guangxi Guiguan Electric Power Co., Ltd. Affiliated Enterprises (13) Affiliated Enterprises (10)
Strategic Planning and Development Dept. General Planning and Financing Dept. Human Resources Dept. Financial and Property Right Management Dept. Safety and Operation Dept.	Hunan Branch Company Guangxi Branch Company Shanxi Branch Company Jiangsu Branch Company Lenterprises in Guangxi Province (11) Enterprises in Shanxi Provinces (9) Enterprises in Jiangsu Province (2) Enterprises in Jiangsu Province (8) Henan Branch Company Enterprises in Anhui Province (8) Enterprises in Henan Province (20) Sichuan Branch Company Enterprises in Sichuan Province (5) Yunnan Branch Company Directly Managed Enterprises (4)
Project Management Dept. Marketing and Sales Dept. Nuclear Power Dept.* Auditing Dept. Enterprise Culture Construction Dept. Surveillance Bureau Fuel Management Center	CDT Research Institute of Technology and Economy Longtan Hydropower Development Co., Ltd. Datang Hebei Power Generation Co., Ltd. Datang Jilin Power Generation Co., Ltd. Datang Heilongjiang Power Generation Co., Ltd. Datang Guizhou Power Generation Co., Ltd. Datang Shaanxi Power Generation Co., Ltd. Datang Gansu Power Generation Co., Ltd. Datang Shandong Power Generation Co., Ltd. Enterprises in Heilongjiang Province (19) Enterprises in Guizhou Province (2) Enterprises in Shaanxi Province (18) Enterprises in Gansu Province (15) Enterprises in Shandong (1) Affiliated Enterprise (4) China Datang Overseas Investment Co., Ltd. China National Water Resources & Electric Power Materials & Equipment Co., Ltd. Datang Electric Power Fuel Co., Ltd. CDT Environmental Technologies & Engineering Co., Ltd. China Datang Coal Industry Co., Ltd.* China Datang New Energy Co., Ltd.* Affiliated Enterprise (4)

^{*}Department and branch companies (or subsidiaries) newly established in 2008.

Decision-making Management

According to 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 development strategy, development planning, resources deployment, investment and financing, capital operation and profit distribution will be decided on the General Manager Meeting.

Decision relating to annual work thinking, year goal and key work will be decided after consulting opinions of affiliated enterprises at all levels at the annual Principle Discussion Conference and annual Work Conference.

Branch companies (subsidiaries) and grassroots companies also put in place correspondent work rules, party group meeting system, general manager work conference system as well as staff representative congress system.

Company system enterprises perform relevant decision-making procedure in strict accordance with the functions and powers and discussion rules prescribed in the Company Law of the People's Republic of China and articles of association.



CDT Enlarged Party Group Meeting.



CDT Work Conference.



Staff Representative Congress at Branch Companies (Subsidiaries).



Shareholders' Meeting, Meeting of Board of Directors and Meeting of Board of Supervisors at Grassroots Enterprises.

Performance Assessment

The SASAC performs the responsibility of investor representing the state and make annual and tenure assessment of the leaders of CDT. Indicators like coal consumption for power supply, total profit, asset-liability ratio, value maintaining and increasing rate of state-owned assets, average growth rate of sales revenue, rate of return on common stakeholders' equity, turnover ratio of current assets and overall labor productivity will be assessed to determine rewards and punishment and salary standard. CDT has been awarded "Grade A" for two consecutive years in the annual operation performance assessment of enterprises managed by the CPC Central Committee.

Financial Accountability Agreement is signed between CDT group company and branch companies (or subsidiaries) or CDT and directly managed enterprises every year. The year salary is decided in accordance with relevant index as well as assessment index.

Three accountability agreements respectively on capital operation (engineering project management), safety and operation, incorruptness and party ethos construction are signed between the President of CDT and the person in charge of every branch company (or subsidiary) and directly managed enterprises. The assessment results will not only serve as important reference for performance evaluation, awards or punishment, but also be linked with economic benefit of enterprise leaders.

Every branch company (or subsidiary) and grassroots enterprise implements assessment of financial accountability and the above-mentioned three accountability within managed enterprises.



CDT signs three accountability agreements with person in charge of branch companies (or subsidiaries) and directly managed enterprises.



Person in charge of branch companies (or subsidiaries) signs three accountability agreements with person in charge of grassroots enterprises.



Grassroots power generation enterprises sign three accountability agreements with the workshop (or department).

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. In 2008, Central Enterprise Inspection Team and National Audit Office carried out inspection and auditing on CDT, thus greatly promoted the enterprise incorruptness construction, standardized operation and business risk prevention and control.

All-around risk management was implemented by initiating all-around risk management system building, establishing all-around risk management work organs, carrying out operation risk identification and evaluation work and formulating risk prevention and control management strategy.

Internal control system building and auditing work were strengthened to ensure the safety of enterprise operation and promote the legal and standardized enterprise operation. In 2008, all together 397 auditing projects of various kinds were organized within CDT, 223.28 million yuan of project cost was decreased through auditing, and 70.8 million yuan of revenue increase and expenditure decrease was achieved.

Incorruptness building and efficiency supervision was further enhanced. Over the year, a total of 2,898 incorruptness construction accountability agreements were signed, 6,060 staff made honest and clean commitment, 5,292 staff received the routine honesty and cleanness talks and over 1,200 honesty and cleanness archives were set up; more than 960 various publicity and education activities were carried out, 140,000 staff received honesty and cleanness educational training, with 100% management personnel being educated. 355 efficiency supervision projects were set up and 1,954 supervision proposals were put forward, thus avoiding economic losses of 178 million yuan, saving 152 million yuan capital and recovering economic losses of 25 million yuan. CDT's party ethos construction and anti-corruption keeps a good situation and no corruption cases occurred among cadres managed by CDT.



On Sep. 18, the third Enterprise Inspection Group of CPC Central Commission for Discipline Inspection and Organization Department of the CPC Central Committee is giving feedback comments on CDT.



On Apr. 15, the Resident Audit Office of China National Audit Office to Xi'an is entering CDT to start auditing on CDT.



On Jul. 15, CDT "Integrity and sticking by contract, honesty and cleanness' speech contest was taking place in Datang Huainan Luohe Power Plant.

··· Stakeholders

Stakeholders	Communication Modes	Concerns of Stakeholders Corporation Actions & Performances		Location of the Item in the Report
	Formulation of laws/ regulations/ policies	National policy & energy safety	Total installed capacity	P19/P23/P50/P38/
	Participation in relevant meetings	Electric/ thermal power supply	Total power generation	P44/P18/P20
	Work report	Compliance with laws/ regulations	Total tax	
	Statistical report	Taxation	Employment posts	
Government	Information submission	Structural optimization	Energy saving indexes	
dovernment	Summit meeting	Energy saving & emission reduction	Emission reduction indexes	
		More employments	Weightage of clean & recyclable energies	
		Management & scientific/ technical innovation	Average single capacity of pure condensing steam units	
			Innovations	
	Formulation of rules/ regulations	Value preservation & increment of state-owned assets	Total profits	P23/P44
	Formulation of work objectives	Operating complied with laws/ standards	Asset-liability ratio	
	Formulation of assessment criteria	Prevention from operation risks	Coal consumption of power supply	
SASAC	Work report		Value preservation & increment rate of state- owned assets	
	Statistical report		Average increasing rate of sales income	
			ROE	
			Turnover ratio of current assets	
			Labor productivity	
	Shareholders' meeting	Honesty & compliance with contracts	Sales income	P23/P57
Shareholders and other	Corporation announcement	Profitability	Market share	
partners	Regular report	Standardized operation	Company profit	
partiteis	Contract/ agreement		Return on investment	
	Staff representative meeting	Democratic rights	Labor operating environment	P32~33
	Reasonable suggestions	Health & safety	Accidental rate	P50~53
	Letters & visits	Salary & welfare	Rate of staff enrollment into the Trade Union	
Staff	Collective contract	Individual development	Coverage of collective contract	
	Labor contract	Education & training	Salary level	
	Exposure of plant affairs	Health and safety	Input in staff training	
			Staff turnover rate	
	Cooperation & co-construction	Harmonious community	Input in community construction	P53 P56~57
Community	Public welfare activities	Public welfare	Input in public welfare	1 50-57
	Publicity in safety and environmental protection	Safety and environmental protection	Number of pollution complaints	
	Contract/ agreement	Safe and stable supply	Customer satisfaction level	P57
Customer	Electric/ thermal power product	Electricity and heat tariff		
	Relevant technical services			
	Contract/ agreement	Honesty & compliance with laws	Exercise of social responsibility	P57/P59
	Service/ product	Long term cooperation	Honesty	
Supplier		Market	Number of contracts and tender objects	
			Term of cooperation	
			Profit	
Non-	Conferences & activities	Contribution to the associations	Frequency and depth of activity participation	P14/P57
governmental	Agency	Influence on sustainable development	Membership dues	
organizations	Advice			

Major Associations and Organizations Joined

S.N.	Organization	Role	Title	Liaison Department
1	UN Global Compact*	Member unit		General Office for the President
2	Asia & Pacific Power Association	Member unit		General Office for the President
3	Economic & Social Advisory Group for Yunnan Province		Consultant	General Office for the President
4	China Enterprise Condeferation, China Entrepreneur Association**	Deputy chairman unit	Deputy chairman	General Office for the President
5	China Group Companies Promotion Association**	Deputy chairman unit	Deputy chairman	General Office for the President
6	China Association of Chief Financial Officers	Deputy chairman unit	Deputy chairman, standing director, director	Financial & Property Right Management Department
7	Chinese Society for Electrical Engineering	Director unit	Deputy director-general	Safety & Operation Dept.
8	China Institute of Internal Audit	Member unit		Auditing Dept.
9	China Construction Cost Management Association	Member unit	Director	Engineering Management Dept.
10	China Chamber of Commerce for Import & Export of Machinery & Electronic Products	Member unit		International Cooperation Dept.
11	China Association of Resources Comprehensive Utilization	Director unit	Director	HR Dept.
12	Party Construction and Ideological & Political Work Research Society of Enterprises Managed by the CPC Central Committee	Director unit	Director	Enterprise Culture Construction Dept.
13	China Electricity Council	Director-general unit	Deputy director-general	General Office for the President
14	China Society of Hydroelectric Engineering	Director-general unit	Deputy director-general	Safety & Operation Dept.
15	China Electric Power Education Association	Standing director unit	Standing director-general, standing director	HR Dept.
16	China Electric Power Construction Association	Deputy chairman unit	Deputy chairman, director	Engineering Management Dept.
17	Power System Operation & Control Standardization Committee	Member unit	Member of the specialist committee	Safety & Operation Dept.
18	Enterprise Culture Construction Promotion Commission of National Power Industry	Member unit	Member	Enterprise Construction Dept.
19	Labor Union Work Theory Research Society of National Power System	Deputy chairman unit	Honorary deputy chairman, deputy chairman	Enterprise Construction Dept.
20	Accounting Society of China, Power Branch	Director unit	Standing director, deputy secretary-general	Financial & Property Right Management Dept.
21	Supervision Society of China, Power Branch	Deputy chairman unit	Deputy Chairman, standing director, deputy secretary-general	Surveillance Bureau

^{*} Organizations newly joined in 2008; ** Organizations where we upgrade from director unit to deputy chairman unit.





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Optimized Development

Firmly guided by the scientific outlook on development, we seriously implemented relevant national policies, vigorously developed renewable and clean energy, actively promoted the construction of highly efficient, energy saving and environmentally friendly units, accelerated the extension of industrial chain of power generation, transformed development mode and enhanced development quality depending on scientific and technological advancement, thus the power source structure, unit structure, industrial structure and regional layout were further optimized, enterprise core competiveness was continuously upgraded and the sound and fast development was realized.

- Power Source Structure
- **■** Unit Structure
- Industrial Structure
- Regional Layout
- **Economic Benefits**
- Scientific and Technological Innovation





To implement strategy scientifically, optimize structure continuously and fulfill operation responsibility.

Supporting System Power source development planning, assets operation planning, multi-industry development planning; scientific, financial and logistical platform construction platform; action plan for the second phase of development strategy; action plan to turn losses into profits.

Infrastructure management system, comprehensive planning analysis system, comprehensive accounting management system, management system to turn losses into profits, sales and marketing management system, auditing comprehensive management system, multi-industry comprehensive management system, science and technology management information system.

Work Goal

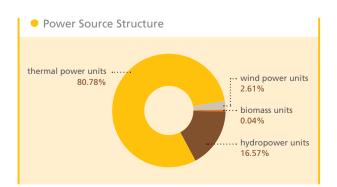
Build quality and profit type of enterprise — to realize a simultaneous increase of scale and benefit and simultaneous increase of enterprise benefit and social benefit.

··· Power Source Structure

We increased efforts on hydropower and wind power construction. The yearly capacity put into operation was the highest since CDT's establishment, among which 5,440.6MW hydropower were put into operation, ranking the first in the power generation sector in China; 972.5MW wind power were put into operation, ranking the second in China. The breakthrough of the starting line was achieved in nuclear power generation, biomass power generation and solar energy development. The proportion of clean and renewable energy was improved to 19.22%, against 11.37% at CDT's establishment.



Feb. 18 witnessed the breakthrough of nuclear power construction of CDT with the commencement of work for Fujian Ningde Nuclear Power Project.









On Dec. 26, with Unit 7 of Longtan Hydropower Development Co., Ltd. put into operation, the installed capacity of CDT exceeded 80GW.

On Sep. 23, with Unit 1 of Chongqing Datang International Pengshui Hydropower Development Co.,Ltd. put into operation, the installed capacity of hydropower of CDT exceeded 10GW.

On Dec. 24, with the operation of Phase II Project of Huitengliang Wind Farm of Inner Mongolia Xilinguole Wind Power Generation Co., Ltd, the installed capacity of wind power of CDT exceeded 2GW.



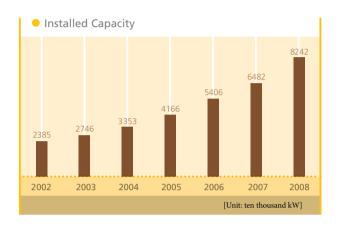


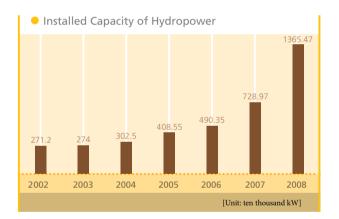


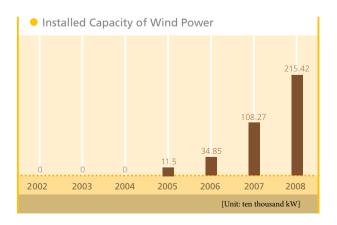
On Oct. 16, Unit 2 of Datang Anqing Biomass Power Generation Project was put into operation. This project annually conserves about 100,000 tons of standard coal and reduces carbon dioxide emission by 80,000 tons.

On Dec. 19, Wuwei Solar Power Plant of Datang Gansu Power Generation Co., Ltd. was put into operation. The total capacity planned for the plant was 1MW with the construction capacity of phase I being 500KW. The annual power generation amount is around 8 million kWh and can save 2,680 tons of standard coal and reduces carbon dioxide emission by over 7,000 tons yearly.

On Oct. 12, the ground was broken for the construction of Hunan Xiangtan Landfill Power Generation Project of Datang Huayin Environmental Protection Power Generation Co., Ltd. The installed capacity of this project is 957KW and the annual power generation amount is about 6.7 million kWh, with around 2,000 tons of standard coal conservation annually.







· · · Unit Structure

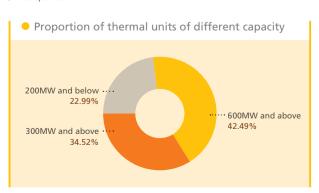
We continuously accelerated eliminating backward productivity, actively promoted the construction of "Setting up Large Capacity Units and Shutting down Small Capacity Units" projects, gave priority to the development of large capacity, high parameter units, and emphasized on developing highly efficient, energy saving and environmentally friendly units and co-generating units with high energy comprehensive efficiency, thus the units structure was further optimized. In 2008, a total of 7,310MW thermal units were put into operation, all of which were 600MW and above units or co-generating units. Among them, nine 600MW and above units were put into operation with the total reaching 47; the capacity of co-generating units reached 14,679MW, accounting for 22.04% of thermal units.

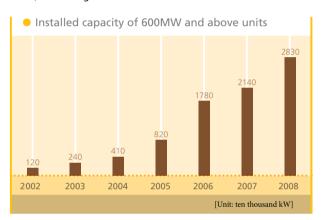


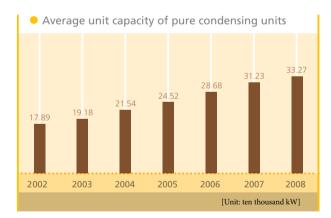


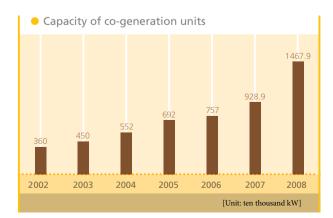
On Jan. 29, 2007, the explosion of small units in Datang Anyang Power Plant became the first explosion nationwide for shutting down small thermal units. By the end of 2008, 104 small units in CDT with total capacity of 5,994.2MW were shut down.

On Aug. 29, the first 300MW co-generating unit in Datang Anyang Power Plant was interconnected to the grid for generation, becoming the first "Setting up Large Capacity Units and Shutting down Small Capacity Units" project put into operation.









· · · Industrial Structure

We continuously stuck to the strategic policy of "Diversified Development with Electric Power as Core Business" and accelerated the development in multi-industries. While CDT became larger and stronger in its core business of power generation, breakthrough progress was also made in such areas as coal mine, coal chemical, railway projects, ports and ocean shipping.





The largest coal seam thickness in East No. 2 Coal Mine of Shengli Coalfield in Inner Mongolia reaches 320.65 meters and is the thickest coal seam in world coal mine development history; the maximum mining depth is 623 meters, which is the deepest in world opencast coal mine exploration. At present, CDT is carrying out preparation work for nine coal mine projects with total geological reserves of around 16.66 billion tons.

Xiduo railway project, connecting Xilinhaote with Duolun Chemical Plant, is expected to be completed in the second quarter of 2009. At present, there are 18 railway projects in which CDT is either holding party or share holding party and is carrying out early stage work.





Coal wharf of Chaozhou Power Generation Co., Ltd. At present, there are six port and wharf projects for which CDT is carrying out early stage work.

On Feb. 21, "Datang No.1" cargo successfully finished its first voyage, which symbolized a breakthrough of CDT to carry out ocean shipping with its selfowned ship.



Phase I of Duolun Coal Chemical Project is designed to produce 460,000 tons of coal-based olefin annually and is planned to be put into operation in 2009. At present, there are five coal chemical projects for which CDT is engaged in early stage work.

··· Regional Layout

We attached great importance to the project development in resource-rich and economically developed regions and accelerated the construction pace of mine-mouth, road-mouth and port power plant. By the end of 2008, the power generation assets distribution of CDT has been expanded to 28 provinces (municipalities or autonomous regions) from 14 provinces at its establishment. The installed capacity in economically developed regions reached 52,008.1MW, accounting for 63.1% of the total installed capacity; the installed capacity of mine-mouth power plants reached 20,510MW, accounting for 30.81% of the thermal units.

New progress was made in internationalization strategy. Cambodian Stung Atay Hydropower Project and Phnom Penh-Battambang Transmission System Project share-held by CDT were smoothly commenced; Myanmar Dapein I project completed river interception. During the development of overseas projects, we strictly abide by local laws, respect local customs, in particular pay high attention to the ecological protection and immigration work.



On Sep. 25, CDT signed MOU on Myanmar Dapein Phase II Hydropower Project.





On Jul. 28, the unveiling ceremony for China Datang Overseas Investment Co., Ltd. was held in Beijing.

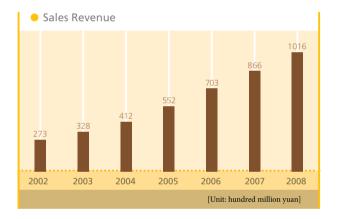
On Dec. 30, Unit 2 of Phase I of Ma'anshan No. 3 Power plant was put into operation. The majority of the generated power is sent to the economically developed areas in Yangtze River Delta.

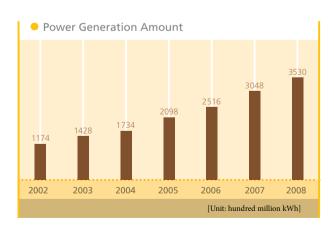


· · · Economic Benefits

Under severe operation situation, we strengthened our efforts in turning losses into profits. We carried out further the activities of production and revenue increase, cost and expenditure decrease, enhanced the economic activities analysis, reinforced process control and management, maintained stable operation situation and made sure that the value of state-owned assets maintained or even increased.

Under the situation that the electricity consumption of the society dropped drastically, thermal power equipment utilization hours were 137 hours higher than the national average; power generation amount was up by 15.82% year on year, 10.32 percentage points higher than the national average growth rate; sales revenue was up by 17.19%; under the circumstance that coal price and fuel cost increased significantly by 18 billion yuan, we managed to control the amount of loss within 6.345 billion yuan.







From Jul. 3 to 4, CDT held Economic Activities Analysis Conference to analyze the production and operation situation in the first half of the year and to deploy the key work and tasks for the second half of the year.



From Nov. 18 to 19, CDT held a conference to inform and implement the gist of relevant conferences held by the State Council and SASAC to analyze and study the impact of the global financial crisis on power industry and CDT and to put forward five measures to cope with the global financial crisis.

··· Scientific and Technological Innovation

We strengthened our efforts in scientific and technological innovation and by various means like independent research and development, technology introduction and project cooperation and etc., the transformation of development mode was actively promoted. By the end of 2008, CDT altogether gained over 500 scientific and technological awards of various kinds and more than 90 management achievement awards.



During Oct. 7 and 8, CDT held work conference on science and technology and made deployment on expediting the construction of innovative enterprise.







In June, China Datang Technological and Engineering Co., Ltd. was approved by the Ministry of Human Resources and Social Security to set up postdoctoral scientific research work station.



Major Awards

Serial No.	Project	Award
1	300MW CFB unit engineering demonstration and localization technology research	Second Prize of National Award for Scientific and Technological Progress, First Prize of China Electric Power Technology Award
2	Online operation performance diagnosis and optimized control system of thermal power plant	First Prize of China Electric Power Technology Award
3	Retrofit of Dongfang Steam Turbine Work's 300MW unit with separated cylinders	Third Prize of China Electric Power Technology Award
4	Research on new methodology of assessment and management of boiler gas-pipe elbow's and overheated pipe's lifespan	Third Prize of China Electric Power Technology Award
5	Research on performance improvement of ZGM95G coal mill	Third Prize of China Electric Power Technology Award
6	Estimate of lifespan of furnace tube and dissimilar steel joint	Third Prize of China Electric Power Technology Award
7	Applied research of 450t/h CFB technology in Hebei Province	Third Prize of China Electric Power Technology Award
8	Research and application of online monitoring and supervision technology of copper tube erosion of condenser in circulate cooling water system	Third Prize of China Electric Power Technology Award
9	Application of first domestic independent R&D Spin Assembly Coupled FGD Technology to the FGD retrofit of 670t/h in Douhe Power Plant	Third Prize of China Electric Power Technology Award
10	Yungang co-generating 2×220MW units—first domestic direct air-cooling heat supply units and major localized equipment	Third Prize of China Electric Power Technology Award
11	Research on and application of switching single valve and sequence valve	Third Prize of China Electric Power Technology Award
12	First case in China to put into operation in one year four 600MW supercritical coal-fired units	Third Prize of China Electric Power Technology Award
13	Integral talent evaluation and assessment system construction of trans-regional large-scale enterprise groups	First Prize of National Level Enterprise Management Modernization Innovation Achievement Award
14	The establishment and practice of group management and control system for major hazard	First Prize of National Enterprise Management Modernization Innovation Achievement Award
15	The establishment and practice of group assessment system of production economic efficiency	First Prize of National Enterprise Management Modernization Innovation Achievement Award
16	Middle and long-term planning and practices of assets operation in power generation group based on strategic management	First Prize of National Enterprise Management Modernization Innovation Achievement Award
17	Innovation and practice of CDT logistical management	First Prize of National Enterprise Management Modernization Innovation Achievement Award
18	The establishment and practice of "three dimension in one" responsibility system mechanism	First Prize of National Enterprise Management Modernization Innovation Achievement Award
19	The establishment and practice of supervision and management system of whole process control equipment	First Prize of National Enterprise Management Modernization Innovation Achievement Award
20	The establishment of spot inspection mode of Datang Panshan Power Generation Co.,Ltd	First Prize of National Enterprise Management Modernization Innovation Achievement Award
21	The orientation and practice of problem management	First Prize of National Enterprise Management Modernization Innovation Achievement Award

	Index	Year Goal	Status of Fulfillment
	Installed capacity (MW)	80,000	82,420.3
	Installed capacity of hydropower (MW)	10,000	13,654.7
Status of Fulfillment of	Installed capacity of wind power (MW)	2,000	2,154.2
Year Goal	Small thermal units shutdown (MW)	1,000	1880
	Power generation amount (hundred million kWh)	3,550	3,529.56
	Power generation equipment utilization hours (hour)	5,267	4,917
	Sales revenue (billion yuan)	100	101.6





· · · Safety Management

We improved standardized management platform and collected more than 140,000 various regulations and standards, thus realized comprehensive indicators benchmarking of safety operation. Star-rated safety assessment management system was optimized, production task management system was developed and "two orders and three systems" and site management of working were reinforced. Emphasis was given to enhancing the examination and treatment of major hazard and potential safety problem of infrastructure and outsourced projects, management control system and information platform for major hazards was established and dynamic supervision of safety risk was realized.

We established Quality, Health, Safety and Environment (QHSE) system, carried out relevant safety management work in such areas as coal chemical and coal mine and realized an organic link between safety management and key work as well as a synchronous extension of industrial chain.

In 2008, although CDT has maintained an overall stable safety situation in production, infrastructure construction and transmission with decrease in major accident index, incident that causes injury or death still happened. Two incidents that caused 1 death and 4 serious injuries happened, revealing the weak links in our safety management, which urgently requires further standardization and reinforcement.







Accident Statistics of CDT over the Years

Classification of Accidents/year	2004	2005	2006	2007	2008
Serious Casualty	0	0	0	0	0
Serious Equipment Accident	1	0	0	0	0
General Casualty	5	1	1	3	2
General Equipment Accident	13	12	10	5	4
					[Unit: times]

Production task and major hazard source management system.

In 2008, CDT conducted safety evaluation on 28 enterprises and found out 9,754 problems, 1,684 of them were key problems.

Operating precisely to ensure safety operation.

··· Equipment Treatment

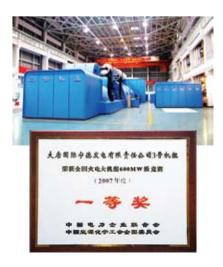
We initiated equipment spot inspection and maintenance mechanism, fully implemented standardized inspection and maintenance and overhaul supervision system, clearly ascertained equipment management responsibility, standardized working management process; deepened technical supervision, established dynamic management and precaution mechanism of technical supervision, strengthened tracking and controlling of problems, conducted research on common problems. The equipment health was improved

steadily and equipment reliability was maintained at a fairly good level.

In the annual assessment of reliability of thermal power units organized by State Electricity Regulatory Commission, 5 units of CDT were awarded the title of Golden Unit, making up 25% of awarded units. In the national competition of large capacity thermal power units, 45 units of CDT won prizes, making up 28% of all winning units.







National Gold Medal of Reliability Thermal Power Unit

Units Class	Place in the Competition	Units Awarded	Proportion in Awarded Units of the Same Place
Competition of 600MW	4	Unit 1 of Inner Mongolia Datang International Tuoketuo Power Generation Co., Ltd.	2/10
Thermal Power Units	10	Unit 4 of Tianjin Datang International Panshan Power Generation Co., Ltd.	27.10
Competition	4	Unit 6 of Huainan Tianjia'an Power Plant	
of 300MW Thermal Power	7	Unit 2 of Datang Huainan Luohe Power Plant	3/10
Units	9	Unit 9 of Datang Anyang Power Plant	

Awarded Units of CDT in Competition of Large Thermal Power Units

	Level of Award	Units Awarded	Proportion in Awarded Units of the Same Level	
	First-level Award	Unit 3 of Fujian Datang International Ningde Power Generation Co.,Ltd.	1/4	
	Second-level Award	Unit 4 of Tianjin Datang International Panshan Power Generation Co., Ltd. Unit 1 of Zhejiang Datang International Wushashan Power	3/10	
Competition of 600MW		Generation Co.,Ltd. Unit 2 of Datang Hancheng No. 2 Power Generation Co., Ltd.		
Thermal Power Units	•••••	Unit 2 of Zhejiang Datang International Wushashan Power Generation Co.,Ltd.		
	Third-level Award	Unit 5 of Shandong Huangdao Power Plant Unit 6 of Inner Mongolia Datang International Tuoketuo Power Generation Co., Ltd.	4/13	
		Unit 1 of Datang Hancheng No. 2 Power Generation Co., Ltd.		
Competition of 300MW Thermal Power Units (Imported)	Third-level Award	Unit 2 of Yangcheng International Power Generation Co., Ltd.	1/4	
	First-level Award	Unit 1 of Datang Qitaihe Power Generation Co.,Ltd. Unit 2 of Datang Qitaihe Power Generation Co.,Ltd.	2/10	
		Unit 3 of Datang Hunchun Power Plant		
		Unit 4 of Datang Hunchun Power Plant		
	Second-level Award	Unit 2 of Xuchang Longgang Power Generation Co., Ltd. Unit 3 of Datang Huainan Luohe Power Plant	5/22	
		Unit 4 of Zhangjiakou Power Plant of Datang International Power		
Competition of 300MW		Generation Co.,Ltd.		
Thermal Power Units		Unit 2 of Datang Huainan Luohe Power Plant		
(Domestic)		Unit 1 of Xuchang Longgang Power Generation Co., Ltd.		
	Third-level Award	Unit 5 of Zhangjiakou Power Plant of Datang International Power Generation Co.,Ltd.		
		Unit 8 of Zhangjiakou Power Plant of Datang International Power Generation Co.,Ltd.	7/31	
		Unit 1 of Datang Xinyang Huayu Power Generation Co.,Ltd.		
		Unit 6 of Jiangsu Xutang Power Generation Co., Ltd.		
		Unit 6 of Huainan Tianjia'an Power Plant		
		Unit 7 of Douhe Power Plant of Datang International Power Generation Co.,Ltd.		
	Second-level Award	Unit 2 of Shanxi Datang International Yungang Co-generation Co.,Ltd.	3/10	
		Unit 3 of Shandong Huangdao Power Plant		
	•••••	Unit 4 of Shandong Huangdao Power Plant		
		Unit 1 of Shanxi Datang International Yungang Co-generation Co.,Ltd.		
		Unit 5 of Datang Huaibei Power Plant		
Competition of 200MW		Unit 2 of Datang Changchun No.2 Co-generation Power Co.,Ltd.		
Thermal Power Units	Third-level Award	Unit 5 of Douhe Power Plant of Datang International Power Generation Co.,Ltd.	9/17	
	minu-level Award	Unit 6 of Douhe Power Plant of Datang International Power Generation Co.,Ltd.	<i>3)</i> 1 <i>7</i>	
		Unit 8 of Douhe Power Plant of Datang International Power Generation Co.,Ltd.		
		Unit 3 of Xiahuayuan Power Plant of Datang International Power Generation Co., Ltd.		
		Unit 8 of Datang Changshan Co-generation Power Plant		

	Level of Award	Units Awarded	Proportion in Awarded Units of the Same Level
Competition of 150MW Thermal Power Units	Third-level Award	Unit 1 of Datang Nanjing Xiaguan Power Generation Co.,Ltd. Unit 1 of Shandong Huangdao Power Plant Unit 2 of Shandong Huangdao Power Plant	3/7
	Grand Prize	Unit 4 of Hebei Matou Power Generation Co.,Ltd.	1/1
	First-level Award	Unit 3 of Hebei Matou Power Generation Co.,Ltd.	1/2
Competition of 100MW	Second-level Award	Unit 1 of Datang Jixi Co-generation Power Co.,Ltd. Unit 2 of Datang Jixi Co-generation Power Co.,Ltd.	2/3
Thermal Power Units	Third-level Award	Unit 1 of Datang Hunchun Power Generation Co., Ltd. Unit 2 of Datang Hunchun Power Generation Co., Ltd. Unit 1 of Beijing Gaojing Power Plant of Datang International Power Generation Co., Ltd.	3/5

··· Emergency Response System

We adhered to the fundamentality of safeguarding the safety of lives and properties of the public. By putting emphasis on enhancing the ability of prevention and coping with emergent public incidents, we strengthened the pertinence and effectiveness of emergency precaution scheme as well as dynamic management, and strengthen the emergency management in an all-around way. We further improved the general precaution scheme, special precaution scheme and site precaution scheme with classification management and hierarchical responsible principle; we developed emergency management information platform and realized a real time management of emergencies and precaution scheme rehearsal; we constructed emergency management mechanism of unified command, rapid response and high efficiency. We put emphasis on the management and rehearsal of major events and special precaution scheme at special time and fulfilled systematization, regularization and standardization of emergency response work.







··· Safety Education

Safety management team building was continuously strengthened. In 2008, 131 employees of CDT acquired national registered safety engineer certificate and so far 334 employees acquired that certificate. Four sessions of CDT safety supervisor training were held, with a total trainee of 455 among whom 322 acquired certificate, and so far 1,783 employees have gained that certificate.

Safety Operation Month Activity with the theme of "Treating Hidden Trouble and Preventing Accidents" was further implemented. The Fourth "Youth Cup" Safety Knowledge Contest of CDT was held, a series of activities like sending text messages on "Preparing for Olympics and Guaranteeing Safety", "CPC members creating position to serve community" were carried out, thus the staff safety awareness was further enhanced and their safety quality was elevated.

The publicity and education function of media and platforms such as website, newspaper, TV, magazine and window display was given full play. By publicizing the distinctive work and key case of CDT enterprises safety management, management experience was exchanged and safety atmosphere was created.







On Jun. 24, the Fourth "Youth Cup" Safety Knowledge Contest of CDT was held in Hunan Xiangtan Power Generation Co., Ltd.

"Safety Culture Demonstration Base" of CDT—turbine operation platform in Zhangjiakou Power Plant of Datang International Power Generation Co., Ltd.

Publicity of community safety regulation and knowledge on power utilization was enhanced to guide the public to utilize power safely and economically.

· · · Occupational Health

Starting from eliminating unsafe environmental factors, we fully promoted the standardization of safety facilities, deepened the construction of safe and civilized working site, standardized the site safety signs and hazard source warning facility, enhanced working environmental inspection, improved facilities and emergency equipment on harmful sites, thus a safe and civilized working environment was created for enterprise staff and construction companies and the incidence of occupational disease rate was reduced year on year.

We formulated relevant enterprise standard based on laws and regulation of the nation and the industry, which standardized the management of staff labor protection stuff, and achieved a 100% coverage in labor protection stuff distribution and usage. We enhanced occupational health supervision of staff and organize regular physical examination for staff, strengthened occupational disease screening, improved the staff health archives, staff occupational health check coverage and the occupational disease treatment rate reached 100%; paid leave system for staff was applied and staff were organized to have regular recuperation so as to ensure the health of staff's body and mind.



Standardized safety facilities at working site.



Safe, civilized and harmonious working environment.



Organize the staff to have regular physical examination.

	Index	Year Goal	Status of Fulfillment
	Serious Casualty	0	0
	Serious Equipment Accident Caused by People	0	0
Status of	Serious Grid Accident Caused by Power Plant	0	0
Fulfillment of	Serious Fire	0	0
Year Goal	Dam-break Accident	0	0
	Serious Environmental Pollution Accident	0	0
	Serious Traffic Accident with Major Responsibility	0	0
			[Unit: times]





To strengthen the concept of environmental protection, improve supervision system and ascertain environmental protection responsibility.

2008~2010 key plan of environmental protection governance project, "Three Wastes" comprehensive utilization work plan and "Environmental Protection Year" action plan.

Online supervision system of environmental protection, "Creating the First-Class" management information system, "Two-type" enterprise management system, energy conservation and emission reduction management system, dynamic indicators benchmarking system, operation management information system and equipment management information system.

To build an environment-friendly enterprise—to make the pollutants emission and discharge reach the standard and the index be continously improved.

··· Environmental Protection Supervision

We formulated the action plan for "Environmental Protection Year" and printed and distributed the Assessment Methods for Energy Conservation and Emission Reduction Goal Responsibility System, which incorporated the emission reduction index to three responsibility system and economic responsibility system assessment. Accountability ascertaining and veto with one vote system is implemented for enterprises which fail to achieve the emission reduction index.

The operation and maintenance management of environmental protection facilities was strengthened and online supervision system was continuously improved, thus the reliability and rate of putting into operation for environmental protection facilities was increased and pollutants emission was effectively reduced.

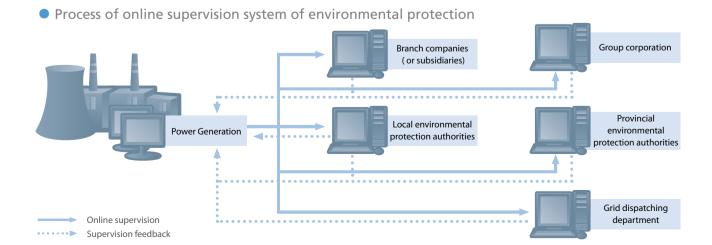


CDT actively organized Datang International Tuoketuo Power Generation Co., Ltd. and Datang Huainan Luohe Power Plant to carry out pilot work for concession operation of Flue Gas Desulphurization (FGD) facilities, which pushed forward the specialization, intensive production and market-oriented management for FGD facilities.



CDT organized publicity and educational activities in various forms such as signing names for environmental protection and contests with the aim to publicize environmental protection knowledge.

Concession operation of denitration facilities means that under the organization and coordination of government organizations, thermal power plants transfer the usufruct in the form of a contract obtained from the desulphurized tariff and preferential policies related to desulphurization released by the government to specialized desulphurization companies, who will be responsible for the investment, construction, operation, maintenance and daily management of FGD facilities and fulfill the FGD task as stipulated by the contract.

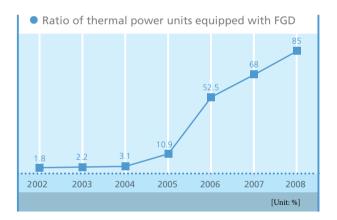


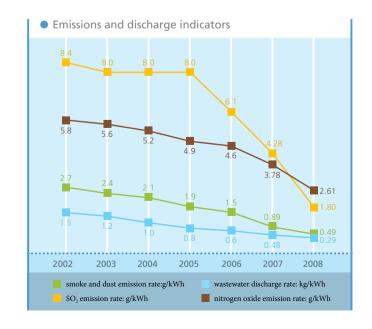
··· Environmental Protection and Management

In order to reduce discharge of greenhouse gases and pollutants at the sources, we have prioritized the development of clean and renewable energy. In 2008, hydropower generation amount of CDT reached 44.886 billion kWh, increased by 88.65% over the previous year; wind power generation amount hit 1.833 billion kWh, 158.75% higher over previous year. Hydropower and wind power generation amount accounted for 13.2% of total power generation amount. Compared with equivalent thermal power generation, hydropower and wind power can save over 15.6 million tons of standard coal, reduce emission of more than 45 million tons of CO_2 and 39,000 tons of SO_2 .

We have executed the plan for environmental protection key governance project between 2008 and 2010, promoted technologies such as high frequency bag-type precipitation, wet/dry FGD and denitration. With over 1.5 billion yuan investment in environmental protection, altogether 139 environmental protection retrofit including FGD, wastewater treatment, ash removal and dust removal have been completed and environmental protection performance of power generating equipment and facilities was obviously improved.

For all new thermal power projects, we have furnished them with environmental protection facilities concurrently and ensure such facilities be concurrently designed, constructed and put into operation together with the main body project. Discharge reduction indexes of all the newly developed projects achieved national advanced level. While the overall installed capacity realized a rapid growth, emissions and discharges of smoke dust, wastewater, SO_2 and nitrogen oxides continued to be lowered in 2008, respectively by 0.1 million, 45 million, 0.65 million and 0.05 million tons compared with that of previous year. For unit thermal power generated, the emission and discharge rates of smoke dust, wastewater, SO_2 and nitrogen oxide decreased by 45%, 39%, 58% and 31% compared with that of previous year, and by 82%, 80%, 79% and 55% compared with that upon establishment.







CDT has constructed and put into operation 1800MW units with SCR, and units with 8,20MW were to be equipped with SCR among newly developed projects.



In 2008 CDT increased 43 SCR units with capacity of 17,310MW, put 159 SCR units with capacity of 55,885MW into operation, completed the objective of SO_2 control as instructed by the government and the annual FGD retrofit task.



On Apr. 29, the Chenjiazhuang Village Committee of Zhangjiakou City, Hebei Province presented a silk banner to Zhangjiakou Power Plant, appraising the achievements of the Plant in treatment of ash yard. Originally the said plant adopted the method of wet ash removal with water, which produced buck and flying ash exerting certain affection on the living of Chenjiazhuang villagers who lived next to the ash yard. Over the recent years the Plant has strengthened integrated treatment of ash yard. Based on the modification to the operational mode of dry ash removal, other effective measures have been adopted such as heightening ash dams, plantation, water spray and compaction, which thoroughly improved the ecological environment of the ash yard and its surrounding areas.

··· Circular Economy

We formulated *Work Plan on Comprehensive Utilization of Three Wastes During 2008 and 2010* and included the relevant index in the three responsibility system assessment for the first time. We pushed forward comprehensive and circular utilization of wastes such as pulverized ash, desulphurization gypsum and wastewater and promoted its industrialization, marketorientation and scale production, thus realized highly efficient utilization and multi-level value increase for renewable resources. Over the year, CDT produced a total of 46.99 million tons of powdered ash and slag, 3.91 million tons of desulphurization gypsum, the comprehensive utilization rate reaching 66% and 71% respectively. 16 thermal power plants realized zero emission for pulverized ash and desulphurization gypsum.



Powered ash was used as the main raw material to produce ash bricks and aerated bricks. In 2008, CDT produced a total of 46.99 million tons of powered ash with a 66% comprehensive utilization rate, up by 8 percentage points over the previous year.

Production of Al-Si-Ti alloy with high-alumina powdered ash of power plants is a demonstration project in circular economy and technical innovation. CDT, after 4 years of technical research and industrial tests, has successfully developed the technology of Production of Aluminum Oxide with High-Alumina Fly Ash with independent intellectual property rights and relying on such technology, established the coal-power-ash-aluminum circular economic industry and production base for Al-Si-



Ti project.





On Sep. 23, CDT exhibition booth arose great interests among domestic and foreign clients at the 3rd China International Trade Fair for Environmental Protection & Comprehensive Utilization of Energy and Resources.

··· Ecological Protection

We fully advocated the concept of ecological civilization and seriously carried out relevant international conventions, giving priority to the consideration of eco-environmental protection issue during various steps in engineering planning, survey, design, construction and operation management. We also concurrently implemented measures such as water and soil retaining, protection of bio diversity and vegetation and take eco-environmental protection as important contents for project put into standardized operation and post project evaluation, thus realizing a harmonious development between enterprise and nature. No accident that caused damages to ecological environment happened throughout the year.



The fish hatchery protection station of Guangxi Letan Hydropower Station released over 280,000 fish fries, exceeding the annual target figure in fish fry releasing.



With commitment to protection of natural tourism resources, Liu'ao Wind Farm of Datang Zhangzhou Wind Power Generation Co., Ltd. has been integrated with the beautiful natural landscape.

Longtan Hydropower Development Co., Ltd. (installed capacity: 4,900MW), in order to further secure the achievement in transplanting of rare wild plants, has built a rare wild plant conservation park in the Tangying Base. In March 2008, the only 100-year-old ormosia tree in Guangxi Zhuang Autonomous Region was transplanted into the park. By the end of 2008, Longtan Project has accumulatively completed the plantation area of 370,000m² with 26,398 trees planted. Altogether 14,103 rare wild trees or other plants have been transplanted from the reservoir inundation area and more than 310.45 million yuan special fund for environmental protection and water conservation has been invested.



The Shining Point Project in Inner Mongolia Shenglidong No. 2 Open Coal Mine which was under construction, aiming to build the mine into an ecological tourism destination and sightseeing mine, has preliminarily realized its objective. For the green ecological recovery project, 25.18 hectares of industrial areas have completed afforesting; for the waste dump ecological recovery project, 28 hectares realized secondary ploughing and 2.86 hectares have been constructed as a pilot nursery for ecological recovery and reconstruction. Specifically within the pilot nursery, there are 20 mu of fixed planting area as well as 10 mu of multiplication area with over 10 types of plants such as mountain peach, Rhus Typhina and Korshinsk Peashrub.

Considering the maintenance of regional biological diversity and protection of good species in riverside vegetation and city green landscaping areas, we invested over 500,000 yuan to protect and transplant distylium buxifolium prior to impoundment of Chongqing Wujiang Yinpan Hydropower Station.





CDT has widely conducted compulsory tree planting and other ecological protection activities, beautifying the working and living environment.

In order to prevent the deserted ash yard from polluting the surrounding environment, the method of overlaying and secondary ploughing has been adopted for innocent treatment and vegetation recovery.

Status of
Fulfillment of
Year Goal

Index	Year Goal	Status of Fulfillment
Ratio of thermal units equipped with FGD (%)	80	85
Dust emission rate (g/kWh)	0.8	0.49
Wastewater discharge rate (g/kWh)	400	294
Emission rate of Sulfur dioxide (g/kWh)	2.5	1.80
Emission rate of nitrogen oxides (g/kWh)	3	2.61
Comprehensive utilization rate of pulverized ash (%)	60	66
Comprehensive utilization rate of desulphurization gypsum (%)	70	71



In the spirit of "optimizing resources and maximizing efficiency", we have always persisted in prioritizing conservation, improving long-acting energy conservation mechanism, enhancing energy conservation awareness among the public, promoting energy-saving retrofit and sparing no efforts to implementing energy-saving measures so as to keep increasing utilization efficiency of resources and to provide more electric power and heat for the society.

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- Energy Conservation Management
- Energy Conservation Retrofit
- **■** Economical Operation
- Water Conservation



Improve management system, honor our commitment to energy conservation and fulfill conservation responsibility.

Supporting System "Creating the First Class" information management system, management system of building CDT into a managerial and share-holding type enterprise, management system of energy conservation and emission reduction, dynamic benchmarking system, integral statistics analysis system, information system of operation management, information system of equipment management, operation consumption deviation analysis and information system of performance management.

Work Goal

To build CDT into an enterprise of resource-saving type and realized the goal of "Zero" consumption deviation of the power generation units.



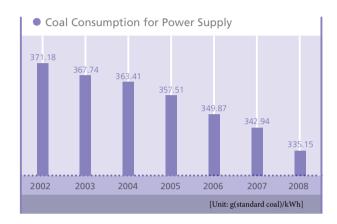
··· Energy Conservation Management

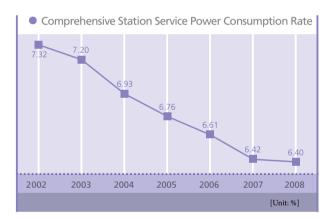
We insisted on implementing energy conservation through the entire process of project construction, production, operation and management and have improved standardized management system of energy conservation. We have established management system of major energy conservation indicators based on design value with heat efficiency as the core and enhanced energy conservation management basis. Furthermore, we executed promotion year plan, emphasized economic evaluation which was properly integrated with energy conservation auditing and thus realized the controllability of energy conservation.

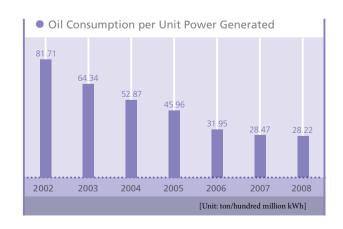
In 2008, the consumptive indicators within CDT got further optimized: station service power consumption rate was 5.52%, decreased by 0.16 percentage points over the previous year; oil consumption per unit power generated was 28.22 tons/100 million kWh, dropped by 0.25 tons/100 million kWh. Furthermore, coal consumption for power supply decreased from 371.18 g(standard coal)/kWh when CDT was founded to 335.15 g(standard coal)/kWh, dropped 36.01 g(standard coal)/kWh in total over the six years which was the biggest reduction among peers. During the past six years we conserved about 26.5 million tons of standard coal, or 35.8 million tons of raw coal, equal to seven years output of a large-scale coal mine.

Five Confirmations and One Fulfillment

"Five Confirmations and One Fulfillment" is essential to the management system of energy conservation and emission reduction of CDT. It refers to confirmation of objective according to indicators, confirmation of problem according to deviation from indicators, confirmation of countermeasures aiming at existing problems, confirmation of responsibility for every measure taken, confirmation of outcome of every measure taken and fulfillment of rewards and punishment in accordance with results.







··· Energy Conservation Retrofit

We applied new energy conservation technology, accelerated energy conservation technology retrofit, promoted operation performance management as well as such technologies as energy consumption analysis, steam seal of new types and high pressure frequency conversion, plasma and ignition with less oil, water-saving ash disposal, hyper-filtration and reverse osmosis. An investment of 800 million yuan was made to carry out 417 energy conservation retrofits of main and auxiliary equipment of partial units. As a result, the heat consumption of steam turbines, station service power consumption rate, oil and water consumption were reduced and unit operation efficiency was improved.



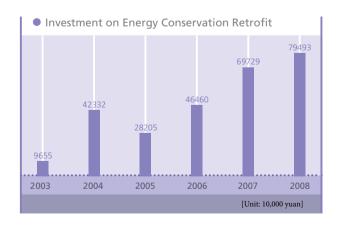


Promotion of high pressure conversion technology reduced the station service power consumption and made it possible for a conservation of 40% power consumed by auxiliary equipment.

Datang Qitaihe Power Generation Co., Ltd. applied technologies like plasma ignition and ignition without oil, and thus reduced the oil for boiler ignition by 80% to 90%. The outcome was reported on CCTV News as a model example.



Efficiency improvement was carried out on cylinders of 47 units with installed capacity of 14,735MW and the heat consumption was reduced by 206 kilojoules/ kWh after the overhaul, equal to a drop of coal consumption for power supply by 8.36 g(standard coal)/kWh. As a result, the consumption for power supply of the rest units decreased by 2.273 g(standard coal)/kWh and 400 thousand tons of standard coal was saved in 2008.



··· Economical Operation



We promoted energy consumption analysis and performance management indicators analysis system, optimized operation mode and improved economical operation level of power generation enterprises.

Relying on the integral management platform of economical operation, we emphasized delicacy management of operation. We organized small indicators competition, promoted operators' enthusiasm in frequent adjustment and practical experiences and to form a practice of "striving for generation of even one more kWh electricity and conservation of even one gram of coal" so as to ensure the equipment be operated stably based on designed parameters. We deepened consumption deviation analysis, conducted dynamic

monitoring and control and realized immediate correction when deviation from indicators detected. We made full use of advantages of big capacity units to increase power capability transfer and reallocate the power to be generated by small capacity units to that by big ones and continued to optimize the structure of power quantity. We enhanced fuel management, actively adjusted thermal coal structure, utilized the coal mixed in a scientific way, fortified boiler combustion adjustment and thus effectively reduced coal consumption.



We organized power generation operation contest and improved the techniques of staff.



We conducted fuel efficiency monitoring, effectively controlled thermal coal quality and

· · · Water Conservation

We actively responded to *The CEO Water Mandate*, put into effect relevant law and regulations including China Water Conservation Technology Policy, strictly enforced economical practices, strengthened planning of water utilization and enhanced integral management and control of water conservation. We aimed at the design value of freshwater intake by the units, increased efforts on examination and assessment and ascertained relevant responsibilities. Water-saving technologies such as air-cooling, desalination, recycling of reclaimed water, treatment of wastewater, in-depth treatment of circulating cooling water and dry-type slag removal were applied to areas lack of water to minimize the consumption of freshwater. We classified water according to its quality, applied cascade utilization and improved water reutilization rate.

In 2008, water consumption per unit power generated within CDT was 1.87kg/kWh, decreased by 0.39kg/kWh over previous year. Zero discharge of industrial wastewater was realized in 17 power generation enterprises within CDT. The whole year saw no accident that affected underground or ground surface water head due to water consumption.





We widely applied air-cooling water conservation technology. The number of air-cooling units built together with those under construction amounted to 15 and the installed capacity 10,400MW. Water intake per unit power generated can be reduced by 80% through applying air-cooling units.

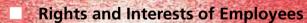
National seawater desalination base built by Shandong Huangdao Power Plant not only met the demand of water consumption for power generation, but also supplied water needed in production and daily use by major clients in the city and municipal planning department.

	Index	Year Goal	Status of Fulfillment
Status of	Coal consumption for power supply (g(standard coal)/kWh)	336	335.15
Fulfillment of	Comprehensive station service power consumption rate (%)	6.42	6.40
Year Goal	Oil consumption per unit power generated (ton/100 million kWh)	29.13	28.22
	Water consumption per unit power generated (kg/kWh)	2.20	1.87

Common Development

We insisted on human-orientation, actively protected the legal rights and interests of employees, built platform for staff's growth and improved their living quality; insisted on legal operation, promoting win-win cooperation and strengthening communication, cooperation with strategic partners and mutual support; emphasized the interaction between enterprise development and community construction and promoted concurrent prosperity of local economy and society; worked with stakeholders together to perform CSR; and actively participated in public welfare and made contribution to social harmony.





- Staff Growth
- Enterprise Culture
- Public Welfare
- Win-win Cooperation
- Responsibility Management



Operation Mechanism To standardize management practice, accept social supervision and ascertain the responsibility of common construction.

Supporting System The Talent Strategy, the Action Plan for Phase II of Enterprise Culture Strategy, the Summary of Talent Team Construction during 11th Five-Year-Plan Period, the "112" Talents Project, the Program of the Logistics Platform Construction, the Program of the Talents Platform Construction, the Online Office System, the 3-Meeting Management Information System, the Marketing and Sales Management System, the Human Resources Management System, the Talents Development & Assessment System, the Civilized Unit Management System and the International Power Information System.

Work Goal

To build a harmonious enterprise and realize common development of enterprise, employees and society.



··· Rights and Interests of employees

As a new member of the Global Compact, we have become more concerned with human rights of employees, 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. Great importance was attached to management of staff representative congress and 100% of proposals were addressed or put into effect.

We printed and distributed the guidelines and associated measures on implementation of *Law on Employment Contract*, revised the Management Measures of CDT on *Employment Contract*, and employment contracts were signed between CDT and 99.74% employees.

We fully respected the workers' union's rights and interests of work independence within the enterprise and established new work union in new enterprises in a timely manner. So far the ratios of establishment of workers' union within enterprises in service, employees enrollment and signing of collective contracts all achieved 100%.

We implemented fair and indiscriminative employment policy and insisted on unemployment of child labor. By the end of 2008, CDT has 24.02% female employees, 704 disabled employees and 3,725 minority employees, accounting for 7.8‰ and 4.11% respectively. We insisted on the same payment to the same work performance, strictly followed the national work hour system and paid leave system and provided every employee with 5 major insurances (endowment, medical, work injury, maternity & unemployment) as well as publicly accumulated housing fund.

We persisted in rewarding the society with achievement, paid special attention to living guarantee and psychological recovery of those employees working in the quake-hit areas and continued to consider the cultural and spiritual life of retired employees. Even under the severe operation situation, no employee has been laid off.





Democratic comments on leaders.

Recruitment and employment arrangement in 2008

Item	Quantity
Recruitment of graduates	2,614
Arrangement of demobilized soldiers	251
Arrangement of abundant employees after shutting down small-capacity units	3,198
	[Unit: person]

· · · Staff Growth

We persisted in the philosophy of common development of enterprise and staff, aimed at developing CDT through talents, focused on training of key and urgently demanded talents, implemented vigorously staff quality project, actively built the talent work system to meet the requirements of enterprise development, scientifically arranged the annual employee training plans, widely conducted labor contests and position exercises, and actively built growth platform for employees.

We continued to implement the "112" Talent Project and actively introduced talents with scarce majors. By the end of 2008, 1,937 talents have been selected as "112" Talents, and over the year, 54,712 specialists changed their positions and 610 talents were recruited.

Significant Titles Won by CDT Staff in 2008

Title	No. of Prize- winners	Conferrer
National May First Labor Medal	4	All China Federation of Trade Unions
National Excellent Trade Union Worker	4	All China Federation of Trade Unions
National Technical Expert	3	Ministry of Human Resources and Social Security of the People's Republic of China
National Excellent Entrepreneur in the Power Industry	2	China Electricity Council
National Technical Expert in the Power Industry	13	China Electricity Council, China Trade Union of Energy and Chemical Industry
Technical Expert of Central Enterprises	13	State-owned Assets Supervision and Administration Commission
May First Prize at provincial level	7	Trade Union of various provinces, district and cities
Model Worker at provincial level	7	Government of various provinces, district and cities





On Nov. 6, CDT held work conference on CPC party construction, talents and enterprise culture.

On Apr. 17, CDT and Canada Montreal University cooperated to organize the training of internationalized talents and the sixth session training class for young & middle-aged leaders.



Datang Hunchun Power Plant, as the Learning Culture Demonstration Base of CDT, organized sample tests of training on monthly basis. CDT assigned credits to trainings and those employees participating in training, self-study, essay writing and competitions will be awarded correspondent training credits after verification. Such credits will work as important reference in their annual assessment, treatment, deposition, reward and punishment.



On Mar. 20, the 4th lecture of CDT Talent Forum commenced.



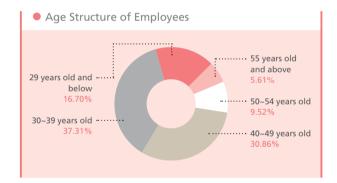
From Oct. 17 to 21, CDT held 2008 Technique Competition for 300MW & 600MW Central Control Duty Persons and the Opening Ceremony of the Technique Competition of Staff of Central Enterprises in Datang Huaibei Power Plant.

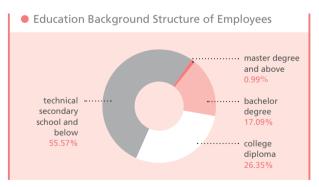
Staff Trainings and Competitions in 2008

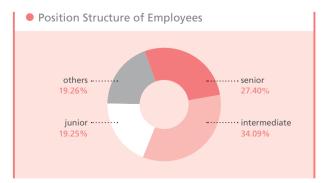
ltem	Quantity
Training projects	5,705
Staff training ratio (%)	100
Trained person	698,300
Training hours	5,231,460
Personal average training hours	62
Training of enterprise managerial staff & technical expert (person)	73,300
Training of operation technical staff (person)	593,600
Training of non-power industry staff (person)	22,830
Skill competition	646
Competition participants (person)	27,530

• Staff's Qualification Accreditation in 2008

Item	Quantity
Technical qualification	3,144
Professional qualification and skill level	4,770
Work position qualification	2,860
	[Unit: person]







We spared no effort to improve the living and working conditions of employees. We enhanced the renovation of living and working facilities in old plants with a new batch of garden-type plant areas and living areas built; actively executed the Sunny Community project, consecutively constructed employee communities in Gansu Tianshui, Sichuan Deyang, Guangxi Liuzhou and Fujian Xiamen, and properly resolved the issues of medical treatment of employees and offspring employment. By the end of 2008, the employees' living bases of all enterprises in remote areas have been moved to cities at or above county level.

The sharing of development achievements removed timely employees' potential worries, improved stably their living quality, strengthened obviously their sense of belonging and elevated steadily the enterprise cohesive force and centripetal force. Meanwhile, we also made our due contribution with our practical actions to the construction of a harmonious society.



Office building of a branch company.



Staff of Datang No. 803 Power Plant who lived in the interior of desert for over 20 years, have shifted into the Jiayuguan Sunshine Community with nice view and complete facilities.



Datang Gangu Power Plant has its old residential area located in deserted zones with inconvenient transport, 25km from the county seat. With the average residential area as tough as 8m², some staffs can only rent the houses of farmers living in the surrounding areas. The new residential area is located in Tianshui City, Gansu Province. Under its Phase 1, there are 8 blocks of low highrise buildings of frame structure, giving a total construction area of 53,245m² shared by 396 households, equivalent to 30m² per person. Staff thus no more suffer from incontinent medical care and children enrollment.

I Grow together with CDT

Zhao Jingkuan, Assistant to General Manager of Datang International Power Generation Co., Ltd. and Head of the Preparatory Office of Inner Mongolia Datang International Xilinguole Coal Chemical Project



CDT has given such an important task to enter the coal chemical sector to me, who spent most time working in thermal power sector. I learnt by myself to be familiar with the technical process of the project and spent much

time on English learning. Now I can not only translate the data of imported equipment, but also directly negotiate with foreigners. There are a lot of employees like me in CDT, who are brave enough to convert to a new domain and ready to rise to challenges.

Jiang Xiumei, worker of Xiahuayuan Power Plant of Datang International Power Generation Co., Ltd. and winner of National Technical Expert Award and National May First Labor Medal



In the forth year since I came to CDT, I was awarded the title of National Technical Expert. In CDT, as long as you are capable, you can give full play to your talent. There is still a long way to go and surely there will be a more glorious

future for CDT. Everybody with dreams and ambitions will be provided with a platform to realize their values in CDT.

☐ Yang Chaopeng, employee of Dayang Lueyang Power Generation Co., Ltd., model worker of CDT

Thanks to the concept of employment and allocation of CDT which is not based on educational background and work experiences, I grow up from an operation worker graduating from a vocational school to an intermediate cadre in a grassroots power generation enterprise. CDT is devoted to providing training opportunities and growth paths for employees and erecting a wide growth platform for us.



Rong Weimin, employee of the Information Center of the General Office for the President of Lanzhou Xigu Cogeneration Power Co., Ltd., winner of National Technical Expert title and International Professional Technical Competition for the Disabled

If I were a leaf of a big tree, the cultivation provided by CDT and encouragement from the relatives and friends were the sunshine and soil that nurtured me and made me face my disability, be brave, active and optimistic with life



and rewrite my life with hard work and perseverance. Thanks to my enterprise for turning me into a happy person capable of contributing to the society.

 Chen Fengxiang, employee of Datang Zhangzhou Wind Power Generation Co., Ltd., began working since 2008 after graduating from university

CDT is my new classroom where I can learn; CDT is my new home, care from leaders and colleagues making me always feel the warmth of a family; CDT is my new starting point as my professional career started from CDT, which is a wide sea for a



fish like me to jump and a high sky for a bird like me to fly.

··· Enterprise Culture

With progressive deepening of the Culture Promotion activity, various sub-cultures have been formed with their own characteristics such as safety culture, incorruptness culture, learning culture, talent culture and harmony culture. Progress was achieved on establishment of culture bases made certain progress.

We promoted cohesion and brand building with culture. Meanwhile, we combined brand building with the target of entering Fortune 500, improved quality inside and established image outside, thus preliminarily achieved the brand effect of "China Datang Corporation".



Rich entertainment and sports activities.



CDT enterprises deeply conducted promotion activities on the Concentric Culture.



CDT held the 3^{rd} Session of Enterprise Culture Forum and awarded the 2^{nd} batch of Enterprise Culture Demonstration Bases.



CDT widely consulted various parties for comments on formulation of brand strategy.

· · · Public Welfare

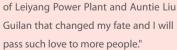
As always concerned about the people's lives and social development, we increased capital input in poor areas and poor population. In 2008, CDT donated altogether 76.35 million yuan to public welfare, including 20 million to renovate and re-construct the storm disaster-hit area in Myanmar and 34.605 million to the earthquake-hit area. We continued to support the education cause, and CDT enterprises held various types of study aid activities. CDT was thus conferred the China Charity Award by the Ministry of Civil Affairs.

Li Xiaobao is a poor orphan student at Kuangyong Village, Renyi Town, Leiyang City of Hunan Province, living with the old grandpa and blind grandma. In 2002, the Railway Transport Department of Datang Leiyang Power Plant started to sponsor Li Xiaobao's study, who was at Grade 4 in primary school. Later



the Department was split, and then Leiyang Power Plant undertook his study expenses while a female worker from the Vehicle Affairs Unit named Liu Guilan undertook

his living expenses. In 2008, Li Xiaobao was admitted by the Legal Department of Hunan Technological University with excellent academic performance. When interviewed by Hengyang TV, Li Xiaobao said, "It is the love from the leaders











Datang Jilin Power Generation Company donated 5 million yuan to the Charity Federation of Jilin Province for poor families below the average living standards to buy TV sets and other living products.

Grassroots enterprises took part in construction of new villages and made donations to build roads for rural areas.

Grassroots enterprises provided aids to students who cannot afford to go to school.

··· Win-win Cooperation

We insisted on the policy of win-win cooperation, strived to promote social progress through our own development and realized sharing of achievement and common development with stakeholders.

We insisted on management by law and standardized operation and established good cooperation relationship with various partners. In 2008, strategic cooperation agreement was signed between CDT and 14 domestic and foreign enterprises or related local government.

We strictly executed the synchronization and dispatching agreements as well as power (heat) purchase agreements and supplied sufficient and qualified power and heat to users.

We adopted a strict tendering system, firmly resisted from unjust competition and commercial bribery. Qualification examination system was carried out on all suppliers and comprehensive examination was conducted on their products, service, labor deploy, human rights and anti-corruption. So far no supplier has been exposed or penalized due to illegal management.

We conducted due diligence investigations on all enterprises to be purchased and neither illegal event nor breach of regulations has been found. We took over all the employees of such enterprises and no employee has been fired.

We actively participated the annual conferences/ forums of various types organized by all kinds of associations or academic organizations and offered comments and proposals for the economical and social development. In order to further strengthen the information communication with the public, we held the 2nd "Enterprise Open-to-the-public Day" activity.



Significant Titles Won by CDT Enterprises in 2008

Title	Awarded enterprises	Conferrer
National Civilized Unit	5	Central Steering Commission of Spiritual Civilization Development
National May First Labor Certificate	3	All China Federation of Trade Unions
National Worker Pioneer	2	All China Federation of Trade Unions
National Model Staff's Home	6	All China Federation of Trade Unions
National Youth Civilized Unit	2	Central Committee of the Communist Youth League, SASAC
National Key Technical Demonstration Project on Environmental Protection	2	China Industrial Association of Environmental Protection
National Excellent Enterprise of the Power Industry	2	China Electricity Council
Group First Prize in the National Power Industry Skill Competition	1	China Electricity Council, China Trade Union of Energy and Chemical Industry
Civilized Unit of Central State Organizations	3	Coordination Leading Group of Building Spiritual Civilization of China's State Organizations
Excellent Organizing Award for the Staff Skill Competition of Central Enterprises	1	SASAC

Comments from Stakeholders



Chief Engineer of the Development and Reform Commission of Anhui Province

Zhu Yemu

CDT sticks firmly to the Scientific Outlook on Development, actively adjusts power supply structure and unit structure, greatly strengthened energy saving and emission reduction, actively contributed to the economic development and social harmony of Anhui Province.



Chairman of the Standing Committee of the People's Congress of Tian'e County, Guangxi Zhuang Autonomous Region

Lan Meiyi

Longtan Project has brought world-shaking changes to Tian'e County; the financial revenue increased from 20 million yuan in 2000 to 500 million yuan in 2008, the county area from 1km² to 5km² and the previously poor county well-known in the country is now the Top 10 County of Guangxi as well as the capital of hydropower in the southwestern area and famous tourism city. Tian'e County will not enjoy such achievements without CDT.



Deputy Director of the Research Office of the State Grid

Wu Xuan

CDT insists on coordinated development of grid and plant, actively builds and maintains harmonious grid-plant relationship, complies uniform dispatching of power grid, contributes to promoting sound development of the power market, strengthens capacity building on equipment management and emergency response, actively copes with severe blizzard disaster and unusual earthquake and has made active contribution to guaranteeing power safety and reliable supply.



Deputy Director of the People's Government of Xicheng District, Beijing

Chen Pei

The meticulous and hard work of CDT to create a clear-water and blue-sky view of the Capital, the effort to promote economic development of Xicheng District, and the warm service to contribute to construction of a harmonious Xicheng District made us feel the heavy responsibility and mission of CDT.



General Manager of Coal Sales Center, Shenhua Group Co., Ltd.

Li Jingping

We have developed good cooperation with CDT's subsidiaries including Datang International, Datang Jilin and Datang Gansu, supplying them over 12.7 million tons of coal annually. We are deeply impressed by their persistence with fairness, justice and respect for stakeholders.



Officer in Charge of China Region, UN Global Compact Office

Liu Meng

CDT closely communicated with the Global Compact Office and China network organizations and took initiative to apply to use the logo "We Support Global Compact" in their CSR report. CDT clearly clarified all the stakeholders and paid great attention to needs of stakeholders. These kinds of practices are just what the Global Compact actively promotes.

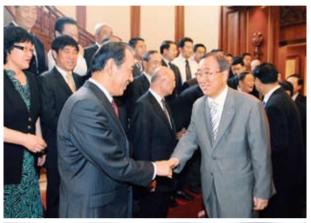
··· Responsibility Management

With continuous progress of work on CSR, the consciousness of CSR of employees was continually deepened and their actions became more self-driven. Since the first report in 2007, each year CDT publicizes its social responsibility reports. In 2008, we joined UN Global Compact, established CSR Office, set up CSR indicator system, compiled the Action Plan on Corporate Social Responsibility, and enabled CSR management become institutionalized, standardized and normalized.





The UN Secretary-General Ban Ki–Moon and the CEO of the Global Compact Office Georg Kell signed in CSR report of CDT.







On Jul. 2, the UN Secretary-General Ban Ki-Moon met the representatives from member enterprises of Global Compact in China and listened to introduction on fulfillment of CSR by several enterprises including CDT.

On Nov. 16, CEO of the Global Compact Office Georg Kell made an inspection tour to Tianjin Datang International Panshan Power Generation Co., Ltd. and highly recognized the practices and outcome of the Company's CSR performance.

On Jun. 20, Thomas, Vice President of Norway DNV, read announcement of verification at CDT's 2007 Social Responsibility Report Press Conference.

··· To Cope with Challenges and Fulfill Responsibilities

At the beginning of 2008, part of the southern area of our country was hit by continuous low-temperature rain, snow and frost disaster rarely seen in the history which caused urgency of thermal coal supply, damages to power grid facilities and large-scale power cut in some disaster-affected areas.

As the main supporting point of power source to Hunan Power Grid, thermal power generation assets of CDT in Hunan accounted for 57.3% of the total thermal power installed capacity in Hunan. After the blizzard disaster, CDT immediately activated the emergency response scheme, sent leaders to the frontline to command and ensured the relief work be carried out orderly, forcefully and effectively.



On Jan. 29, Mr. Zhai Ruoyu, President of CDT went to Hunan Province to command the assurance of power supply and disaster relief and visited frontline employees. In the afternoon of Jan. 30, in Xiangtan Power Generation Co., Ltd. which was seriously struck by the disaster, a site meeting was held on power supply assurance and disaster relief of Hunan Branch Company.

Due to the disaster, the thermal coal stock of Hunan Branch Company was lowered to 210,000 tons, only available for 3.4 days on average. Nearly all power generating enterprises were in urgent need for thermal coal. At the critical moment of snatching coal and secure power supply, a busy team established by the workers of the coal pusher unit of Zhuzhou Power Generation Company appeared in the coal yard covered with snow. The team, 24 hours on duty (closing eyes only for a moment when sleepy and eating instant noodles when hungry), mobilized all their coal pushers to dig all the corners and deep holes and transported the little amount of coal accumulated to the conveyance belt. This effort played an important role to secure continuous power supply at the moment with most urgent demand for coal.



Tripping of transmission line and frequent adjustment of grid operation modes seriously impacted the stability of units operation. There were altogether 10 full-plant power cuts, 43 times of load rejection and 6 times of emergency unit startup in the 5 thermal power generating enterprises of CDT in Hunan, who always put emphasis on overall situation and strictly executed the dispatching commands, making units available for startingup as well as shutting-down upon demands and thus ensured immediate starting-up and synchronization once required by the grid. Breakdown of railways and roads worsened the tough supply of thermal coal. Under the circumstance of lower quality coal with higher price which was in big reverse proportion to the interconnected tariff, our enterprises spared no efforts to transport more coal and committed to synchronize and supply power in accordance with the dispatching requirements. In order to maintain stable combustion under unstable system and low load and guarantee the units be started once dispatched, the enterprises inputted oil to co-combust without consideration of costs and altogether 8,265 tons of oil were consumed which increased the cost by more than 40 million yuan.

Chapter of Fighting against Blizzard Disaster and Guaranteeing Power Supply







From Jan. 28 to Feb. 2 when Hunan was subjected to the most servere blizzard disaster strike, Datang Jinzhushan Power Plant worked alone and supported the stable operation of the grid in Loudi, Shaoyang and Huaihua.

During the disaster fighting period, CDT enterprises secured safe power supply even under extreme difficult situation. No outage due to lack of thermal coal, unplanned outage or accidents that cause injury and casualty or equipment damages occurred. Especially during the recovery process after Hunan power grid was split into 4 sub-grids, thermal power enterprises of CDT in Hunan fought individually, supported the grid in four cities including Loudi, Shaoyang and Huaihua and thus became the main support for Hunan grid during the blizzard disaster.

The efforts made by CDT to fight against blizzard disaster and guarantee power supply were highly recognized and honored by government and the society, which fully demonstrated CDT's strong sense of social responsibility.

At 18:10 of Jan. 27, Unit 1 of Leiyang Power Plant was separated from the system, causing full loss of the station service power. In order to prevent the turbine bearing of Unit 1 from bending under above 450°C of cylinder temperature, the plant immediately organized over 40 persons to conduct manual barring for Unit 1. It was -4°C outside with snow everywhere, but hot atmosphere filled the turbine platform. After 10 hours of hard work, continuous barring of Unit 1 was completed and a serious equipment damage accident was avoided.



Leaders of branch companies went to the frontline to instruct disaster



Deicing to protect equipment.

··· To Cope with Challenges and Fulfill Responsibilities



On May 14, Mr. Zhai Ruoyu, President of CDT, went to the enterprises located in the disaster areas of Sichuan Province to command on site the disaster relief and resumption of living and operation.

On May 12, 2008, an 8.0 magnitude earthquake struck Wenchuan County, Sichuan Province. CDT enterprises in Sichuan, Shaanxi and Gansu Provinces were affected, with some units tripped, generation equipment damaged, office and residential buildings cracked and distorted and a loss of about 202 million yuan in terms of production facilities and about 176.6 million yuan of living facilities. But no death or missing of CDT's employees was recorded.

In the face of such a disaster, CDT immediately established a leading group on anti-earthquake and disaster relief to make overall deploy. The entire corporation mobilized the earthquake emergency response scheme, sent leaders to visit the quake-affected areas and commanding in the frontline. Enterprises in the disaster-hit areas didn't hesitate to act and actively organized self rescue and equipment repair. The units stopped in Gansu Bikou Hydropower Plant and Shaanxi Lueyang Power Plant resumed power supply within 72 hours after the earthquake. Guangxi Guiguan



On the day of earthquake, Li Jun, Deputy President of the Trade Union of Guangxi Guiguan Tianlonghu Company and another three persons was stranded on their business trip from Maoxian to Dujiangyan. On the way of escaping out, they kept helping the common people, even led over 100 persons to climb over mountains, conquered mudslide, hunger, coldness and other difficulties, finally succeeded to go through the deadly road full of aftershocks and returned to safety.

Chapter of Earthquake Relief







Tianlonghu Company, located within Maoxian County of Sichuan Province, realized power transmission within the shortest duration, despite seriously damaged outgoing transmission lines and full breakdown of transportation and communication.

After the earthquake, all the CDT employees were deeply concerned about the people within the disaster-affected areas and supported disaster relief in various ways. The enterprises in the quake-hit areas took initiative to work on recovery and repair of local utilities, medical institutions and schools, fully committed to helping the government to aftercare the people in disaster area and provide living necessities. Donation from CDT enterprises in money and articles amounted to 34.6 million yuan, including personal money donation of 10.29 million yuan from employees. CDT's employees showed their noble moralities with actual actions and made active contribution to the disaster relief.



After the strong earthquake, relevant enterprises were fully committed to equipment repair and resumed operation in the shortest time.



Grassroots enterprises of CDT urgently delivered disaster relief materials to the quake-hit areas and assisted people in the affected areas to go through difficulties.

Fan Hongying, a young employee of Shaanxi Hancheng Power Plant appraised as the Beautiful CDT Yellow Ribbon in Wenchuan, was one of the few volunteers from other places to enter the heavily affected areas for rescue and relief. She went to the disaster area alone and formed a small aid team with another 5 volunteers, spent more than 15,000 yuan on food and medicines and went to the seriously damaged Yinhua Town of Shifang City twice and directly delivered urgently demanded stuffs to the people in disaster areas.



··· To Cope with Challenges and Fulfill Responsibilities



On Jul. 21, CDT held the Mobilization Meeting on Power Supply during the Olympics before the opening ceremony.

CDT makes arduous efforts to guarantee the success of the 29th Olympic Games and the 13th Paralympic Games in 2008.

It was extremely hard to guarantee power supply during Olympics because of the wide coverage and high requirement. CDT undertook the heavy task to supply more than 50% power in hosted city Beijing and Qingdao.

CDT attached great importance to the guarantee of power supply. Before the opening of the Olympic Games, we carried out mobilization widely and profoundly, formulated Overall Work Plan for Power Safety during the Beijing Olympic Games and Paralympic Games and 5 specialized work plans. Environmental protection retrofit was conducted on 48 units with 13,650MW installed capacity and online monitoring of environmental protection was realized in 13 enterprises involved in power supply for the Olympics.



Leaders of CDT and branch companies (or subsidiaries) inspected the frontline to instruct the power supply during the Olympic Games.

Chapter of Guaranteeing Power Supply during the Olympic Games







During the 63 days of power supply guarantee for the Olympics, CDT conducted numerous work on focusing on safety, guaranteeing the power supply during the Olympics, stocking thermal coal and increasing power generation amount. The enterprises involved in supplying electric power for the Olympics realized stable operation, ample thermal coal supply, orderly production, safe and smooth information, tranquillized staff, no accidents that caused injury or casualty or equipment accident, and maintained the safety and operation situation all the time.



Employees of the enterprises that involved in power supply during the Olympics stayed on duty to ensure safe and stable operation.





CDT was awarded Excellent Organization for Volunteer Work in the Beijing Olympic Games and Paralympic Games.



During the Olympics when there was a shortage for coal supply and the big rise of coal price, CDT enterprises spared no efforts to ensure thermal coal storage. At the same time, to meet the requirements of large operational mode of grid and the deep peak-load regulation, all the units that involved in power supply during the Olympics were started up and operated for long hours under low load. As a result, the economical efficiency was obviously lowered and power generation costs were largely increased, which aggravated CDT's losses as a whole.

··· Future Perspective

2009 is an important year for CDT to realize the second stage goal of its development strategy and is going to be the year of largest challenge and pressure. The international financial crisis is still spreading and its impact is still deepening. The significant decrease of power demand will result in a deterioration of operation difficulty for power generation enterprises. We will undertake our social responsibility more consciously, implement the scientific outlook on development more steadfastly and conscientiously play the driving role of central enterprises for the nation in maintaining development, expanding domestic demand, adjusting structure and promoting stability; play the demonstrative role of central enterprises in promoting energy saving and emission reduction and construction of ecological civilization; play the exemplary role of the central enterprises in maintaining social stability and promoting social harmony and meet new challenges and new opportunities with firm confidence and courage so as to make contributions to the national economy as well as the comprehensive, harmonious and sustainable development of society.

In 2009, we will emphasize on structure adjustment and continue to maintain the sound and fast development situation. We will continue to speed up the pace of power source construction and make sure that the installed capacity of power generation will be quadrupled to reach 95,400MW compared to that when CDT was founded; we will make efforts to increase the proportion of clean energy and renewable energy to ensure that the installed capacity of wind power break through 3,000MW and build up the first 1,000MW level wind power base of CDT; we will actively eliminate the out-dated productivity and accelerate the progress of energy-saving and environmentally friendly unit construction, ensuring that the number of 600MW and above units can reach over 60.

In 2009, we will make all efforts to stress operation and try to turn losses into profits in CDT. We will put emphasis on turning losses into profits and risk prevention and control and deeply carry out the activity of "Year of Tackling Difficulties" to ensure the healthy development of CDT. We will strengthen marketing work to ensure the completion of 420 billion kWh power generation amount and a sales revenue of 127 billion yuan; we will enhance the risk management, improve internal control system, the standardized operation level and risk resistance ability in an all-around way; we will enhance the operation and management and try to reduce cost and turn losses into profits so as to practically safeguard the rights and interests of investors and to completely fulfill the annual evaluation goal of SASAC of the State Council.





In 2009, we will strengthen the basic management of safety operation and continue to maintain the stable situation of safety operation. We will further improve safety system, innovate management methods, implement safety responsibility and lay a good foundation for safety management; strengthen efforts on comprehensive treatment, improve safety measures, eliminate hidden trouble and put an end to serious accidents; enhance safety supervision and management and continuously improve the working and living environment of staff to ensure the vocational safety and health of staff members.

In 2009, we will continue to strengthen our efforts in energy saving and emission reduction to ensure the early realization of the goal for energy saving and emission reduction during the 11th Five-Year-Plan Period. We will further enhance energy saving management and equipment treatment and promote the sustainable optimization of various consumptive indicators, ensuring a 100% desulphurization application rate for the thermal power units in operation outside of the shutdown plan; strengthen the supervision of pollutants emission to ensure that the environmental protection devices operation indicator and emission indicator of power generation enterprises is of first class level in its own region; forcefully develop circular economy and raise the comprehensive utilization rate of resources; actively promote a low carbon lifestyle and increase the awareness environmental protection among the staff members.

In 2009, we will continue to adhere to the philosophy of co-construction and sharing, and strive to promote the harmony between enterprise and society. We will concentrate on improving enterprise democratic management, supervision and decision-making mechanism and conscientiously safeguarding the legal rights and interests of staff members; continue to improve staff grow-up mechanism and promote the realization of the individual value of staff; insist on returning to the society with enterprise development and operation results and is dedicated to public welfare, support the construction of community and promote social harmony; improve the communication mechanism of stakeholder and consciously accept supervision; improve social responsibility work network and enhance the responsibility awareness and the ability in performing duties of all staff member so as to further build the responsible central enterprise image of CDT.

··· Communication on Progress of Global Compact

Ten P	rinciples of th	ne Global Compact	Progress			
Human rights	Principle 1	Businesses should support and respect the protection of internationally proclaimed human rights.	 We strictly complied with the applicable international compacts as signed by our country and applicable national laws/ regulations. We conducted publicity and promotion activities for applicable laws/ regulations. We made efforts to provide safe, healthy and comfortable living and working conditions as well as built the education platform for growth and talent training 			
	Principle 2	Make sure that they are not complicit in human rights abuses.	 and promoted common development of the employees and enterprises. 100% coverage of collective contracts. We insisted on rewarding the society with our own achievements and committed to common development with the local economies and society. We strengthened management and review to suppliers. 			
Labor	Principle 3	Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining.	 We founded trade unions for all the system-established enterprises, with 100% employee enrollment. We completed the staff democratic management and democratic supervision mechanism including staff representative congress, equal negotiation and openness of plant affairs. 99.74% of labor contracts were signed. We strictly followed the work hours specified in the labor contracts and eliminated 			
	labour.	of forced and compulsory	 We strictly followed the work hours specified in the labor contracts and elimina forced labor. We strictly controlled ages of new employees and eliminated use of child labor. We eliminated discrimination on nation, race, gender, age, religion, sex orientation, disease, region and so on, and insisted on the principles of openi fairness, justice, talents-oriented and same-pay-for-same-performance. 			
		The effective abolition of child labour.				
	Principle 6	The elimination of discrimination in respect of employment and occupation.				
Environment	Principle 7	Business should support a precautionary approach to environmental challenges.	 We gave priority to develop clean and renewable energies such as wind power as well as hydropower, and actively constructed energy-saving, water-saving and environmental protective units, realizing energy saving, discharge reduction and environmental protection from the headstream. 			
	Principle 8	Undertake initiatives to promote greater environmental responsibility.	 We took initiative to undertake the responsibility of energy saving and emission reduction, completed the management system, put in place more investments, quickened transformation of energy conservation and environmental protection inventions, and actively realized the promises in energy saving and emission reduction. We made great efforts to develop the circular economy including obviously 			
	Principle 9	Encourage the development and diffusion of environmentally friendly technologies.	 increasing the integrated utilization of the Three Wastes. We concurrently designed, constructed and put into use the environmental and ecological protection programs and new projects. 			
Anti- corruption	Principle 10	Businesses should work against corruption in all its forms, including extortion and bribery.	 CDT enterprises set up independent anti-corruption and auditing department and improved relevant supervision and control system. We formed mature system on penalty and corruption prevention. We widely conducted anti-commercial bribery and performance monitoring and supervision activities, and fully strengthened auditing on off-duty leaders and engineering projects. 			

··· Performance Report

	Performance Indicators	Unit	2004	2005	2006	2007	2008
	Installed capacity	10 MW	3353	4166	5406	6482	8242
Economy	Power generation amount	100 million KWh	1734	2098	2516	3048	3530
		100 million yuan	1400	1830	2257	2949	4120
		100 million yuan	412	552	703	867	1016
	Cost of core business		31.10	36.34	55.48	75.62	-63.45
		10 thousand yuan / person*year	26.19	30.60	37.03	47.80	26.34
	Proportion of clean and renewable energy	%	9.02	10.08	9.72	12.92	19.18
	Coal consumption for power supply	g standard coal / kWh	363.41	357.51	349.87	342.94	335.15
Environment	Comprehensive station service power consumption rate	%	6.93	6.76	6.61	6.42	6.40
onme	NO_{χ} emission rate	g / kWh	5.20	4.89	4.56	3.78	2.61
nt	SO_2 emission rate	g / kWh	7.95	7.94	6.13	4.28	1.80
	Smoke and dust emission rate	g / kWh	2.14	1.93	1.48	0.89	0.49
	Wastewater discharge rate		0.97	0.80	0.63	0.48	0.29
	Equivalent availability factor of power generation equipment	%	93.2	93.42	94.83	94.40	93.76
	Serious accident that causes injury or casualty	Time	0	0	0	0	0
	Serious equipment accidents	Time	1	0	0	0	0
	Common casualties		5	1	1	3	2
Sc	Common equipment accidents		13	13	10	5	4
Society	On-duty employees		78890	77983	82442	82951	86847
	Enrollment rate of employees to trade unions	%	100	100	100	100	100
	Coverage of collective contracts	%	100	100	100	100	100
	Female employees		21132	21590	21144	21965	21794
	Employees of ethnical groups		3908	3993	3910	4085	3725
		10 thousand yuan	1229.83	7430.47	9283.26	1361.34	7634.78

··· Evaluation and Comments

DNV Assurance Statement

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China Datang Corporation Social Responsibility Report 2008

Introduction

- Det Norske Veritas ('DNV') has been commissioned by the management of China Datang Corporation ('Datang ') to carry out an assurance engagement on Datang 2008 Social Responsibility Report ('the Report ') in its printed format.
- Datang has been published Annual Social Responsibility Report for the fourth times running and is also the first time to invite third-party agency to conduct an independent assurance.

Scope of Assurance

DNV's scope of assurance is to assess if the disclosed critical information, data and management support systems are in compliance with the relevant reporting principles.

Limitation of Assurance

- Other then Datong's head-office in Shanghai, the assessment team did not visit any site office or external stakeholders.
- The scope of assurance did not include the evaluation of the accuracy of performance indicators which were disclosed in the Report.

Assurance Approach

The assurance engagement was conducted in February 2009 and performed in accordance with requirements of "DNV Assurance Protocol for Sustainability Reporting". The Report has been evaluated against the following criteria:

- Adherence to the principles of materiality, completeness, neutrality, reliability, comparability, responsiveness and stakeholder Inclusiveness, as set out in the "AA1000 Assurance Standards 2008"
- The Global Reporting Initiative ('GRI') 2006
 Sustainability Reporting Guidelines Version 3.0.

To reach our conclusions, we have conducted the following work:

 Searched the relevant information of Datang in the public domain to find out the concerns of the stakeholders;

- Based on "DNV Assurance Protocol for Sustainability Reporting" evaluated and ranked material CSR risks of Datang;
- Interviewed with Datang's senior management team to understand the top level commitment and strategy approach to sustainability;
- Interviews representatives of relevant departments to understand objectives and priorities for embedding and managing the commitments set out in Datang's sustainability polices and Report; the means by which Datang planned to accomplish its objectives, and the degree to which those objectives were met:
- Examined and tracked the reported data and information at the site to verify the methodology of data compiling and aggregating;
- Compared Datang's CSR reporting data over the years to understood the trends of corporate social responsibility performance

Conclusions

- In our opinion, the Report provides a fair representation of the level to which Datang's sustainability policies have been implemented throughout its business. We have not found any major and systematic errors.
- While in the process of assurance engagement, DNV also identified some opportunities for improvement to be included in the Assurance Report from DNV

Stakeholder Inclusiveness

 Although the Report identified and disclosed the major concerns of the stakeholders, however, the formal engagement mechanisms and selection criteria should be established to co-ordinate and balance the expectations of the stakeholders.

Materiality

 The information in the Report, taking into account industry characteristics and the main stakeholders affected adequately, the relevant information are supplemented by quantitative performance indicators as well as associated management system.

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DNV Assurance Statement



China Datang Corporation Social Responsibility Report 2008

However, there are some performance areas of major concerns to stakeholders are not disclosed with quantitative indicators (for examples: total energy consumption, total GHG emissions, supply chain social performance results), and the mechanism and criteria for materiality should be clearly defined to managing the ever changing circumstances.

Responsiveness

In order to respond to the major concerns of the stakeholders, the Report disclosed Datang's relevant strategic planning, operating procedures and performance indicators objectively. However, the contents of Datang's strategy should include more substantial elements of corporate social responsibility to enhance the capability to responses to emerging material issues.

Reliability

Through dedicated corporate social responsibility management office, Datang has implemented relevant processes to collect, compile and analyze data and information. However, DNV's scope of work did not include the evaluation of performance data quality of the report.

Neutrality

We conclude that, in principle, the information contained in the report is unbiased with clear trend.

However, the Report should respond to the negative

comments of the stakeholders proactively.

Comparability

- 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. However, we consider external benchmarking data to be insufficient.
- DNV is confident that Datang will improve corporate social responsibility management system and the quality of the report continuously.

DNV's Independence

- The independence of DNV's assurance engagement team is ensured by internal control procedures and the following principles:
- The total independence of assurance staff during working period.
- Keeping confidentiality of all the sensitive information of Datang;
- No conflicts of interests between Assurance staff and Datang.
- DNV expressly disclaims any liability or coresponsibility for any decision a person or entity would make based on this Assurance Statement.

Sangem Hsu Vice President Det Norske Veritas. Feb. 2009

Suns

Wang, Xuezhu **CSR Services Manager** Region Greater China Det Norske Veritas. Feb. 2009

Cai, Kun Quan Team Leader Region Greater China Det Norske Veritas. Feb. 2009

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Evaluation on 2008 Social Responsibility Report of China Datang Corporation

After reading 2008 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

China Datang Corporation 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 has done a great number of fruitful work and achieved remarkable results in structural adjustment, energy conservation, safe production, operation management, harmonious enterprise construction and social responsibility performance and etc.. With full and accurate data, rich contents and vivid examples, the Report discloses in an all-around way CDT's performance of social responsibility in five aspects of optimized, safe, clean, economical and common development, under the guidance of corporate mission of "Supplying Clean Power and Lighting Happy Life", and its unremitting efforts and remarkable achievements in pursuit of the a unification among enterprise development, society harmony and environmental protection.

II. Characteristics of the Report

The Report is of good continuity and strong comparability The Report fully discloses the status of fulfillment of the goals proposed in the last year's report and new development goals. Indicators of all years were compared in key working fields like power source optimization, unit structure, enhancing the energy-saving and emission reduction, strengthening safety and operation management, sticking to a standardized operation according to law, supporting the social public welfare and etc..

Data of five to six consecutive years was provided For major indicators and was demonstrated in the form chart with vividness, straightforwardness, comprehensiveness and strong vertical comparability, so that stakeholders can have an accurate and

comprehensive understanding of the enterprise development situation. Responsibility system mechanism is systematically revealed. The Report pays key attention at prominent place to the introduction of the operation mechanism established by enterprise to perform the social responsibility of "Five Developments", support system and work goal, which reflects that the enterprise is becoming increasingly mature in the standardization, systematization and normalization of social responsibility and its social responsibility concept of whole staff and whole process.

Important contents are highlighted. Special subject "To Cope with Challenges and Take Up Responsibility" was added to provide detailed disclosure as to how CDT experienced major test and loyally honored its social responsibility in three special subjects, namely to combat against the snow storms and frozen rain in the South China in 2008, earthquake relief and supply power for the Olympics. In this way, stakeholders gain a deeper understanding of the outstanding contributions the enterprise has made in fulfilling its social responsibility.

III. Comments on the Report

The Report, featured by its distinctive characteristics and clear logic, concrete data, and abundant cases, gives a complete disclosure of the philosophy, objective and management system of CDT's social responsibility. It meets the principles of "Global Compact" and is a high-level social responsibility report.

IV. Suggestions for Improvement

In order to ensure the stable improvement of CDT's social responsibility performance, it is suggested to further establish and improve enterprise social responsibility management advance system so that social responsibility philosophy can better guide various work of enterprise, improve its ability to face the social and environmental risks and to realize its ability and standard for a sustainable development; to enhance the publicity and promotion work of social responsibility and to build the corporate image of CDT.

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

Chen Ying



··· G3 Index

	Serial Number	GRI	G3 Standards	Index
. 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.	P2~3
	2	1.2	Description of key impacts, risks, and opportunities.	P16
. 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.	P4~5/P22/P57
	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/P23/P69
	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.	P24~25/P29~31/P56~57 P59/P61/P63/P65
Report Parameters	13	3.1	Reporting period (e.g., fiscal/calendar year) for information provided.	Inside Cover
	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.	P13/P15
	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/P69
	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.	Inapplicable
	24	3.12	Table identifying the location of the Standard Disclosures in the report. Identify the page numbers or web links.	P69/P71~74
	25	3.13	Policy and current practice with regard to seeking external assurance for the report.	Inside Cover/P73~75
Governance	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
	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.	P10~12/P50
	30	4.5	Linkage between compensation for members of the highest governance body, senior managers, and executives and the organization's performance.	P8/P23
	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.	P2~3/P8~12
	35	4.10	Processes for evaluating the highest governance body's own performance, particularly with respect to economic, environmental, and social performance.	P23
	36	4.11	Explanation of whether and how the precautionary approach or principle is addressed by the organization.	P8~12
	37	4.12	Externally developed economic, environmental, and social charters, principles, or other initiatives to which the organization subscribes or endorses.	P2~3/P47
	38	4.13	Memberships in associations (such as industry associations) and/or national/international advocacy organizations.	P14
	39	4.14	List of stakeholder groups engaged by the organization.	P13
	40	4.15	Basis for identification and selection of stakeholders with whom to engage.	P13
·	41	4.16	Approaches to stakeholder engagement, including frequency of engagement by type and by stakeholder group.	P13
	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.	P13
conomic Performance Idicators	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.	P23/P69
	44	EC2	Financial implications and other risks and opportunities for the organization's activities due to climate change.	P20/P28/P50/P60/ P62/P65
	45	EC3	Coverage of the organization's defined benefit plan obligations.	P50
	46	EC4	Significant financial assistance received from government.	No Involvement
	47	EC5*	Range of ratios of standard entry level wage compared to local minimum wage at significant locations of operation.	No Involvement
	48	EC6	Policy, practices, and proportion of spending on locally-based suppliers at significant locations of operation.	P57
	49	EC7	Procedures for local hiring and proportion of senior management hired from the local community at locations of significant operation.	P51
	50	EC8	Development and impact of infrastructure investments and services provided primarily for public benefit through commercial, in-kind, or pro bono engagement.	P56/P62
	51	EC9*	Understanding and describing significant indirect economic impacts, including the extent of impacts.	P2~3/P18/P21/P34/P
nvironmental Performance	52	EN1	Materials used by weight or volume.	P44
uicators .	53	EN2	Percentage of materials used that are recycled input materials.	P18~19
·	54	EN3	Direct energy consumption by primary energy source.	P44
·	55	EN4	Indirect energy consumption by primary source.	No Involvement
·	56	EN5*	Energy saved due to conservation and efficiency improvements.	P44~45
	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.	P18~19/P44
·	58	EN7*	Initiatives to reduce indirect energy consumption and reductions achieved.	P44
	59	EN8	Total water withdrawal by source.	P47
	60	EN9*	Water sources significantly affected by withdrawal of water.	Inapplicable
	61	EN10*	Percentage and total volume of water recycled and reused.	P47
	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.	P40~41
	63	EN12	Description of significant impacts of activities, products, and services on biodiversity in	P40~41

	Serial Number	GRI	G3 Standards	Index
	64	EN13*	Habitats protected or restored.	P40~41
	65	EN14*	Strategies, current actions, and future plans for managing impacts on biodiversity.	P40~41
	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.	P40~41
	67	EN16	Total direct and indirect greenhouse gas emissions by weight.	P37
	68	EN17	Other relevant indirect greenhouse gas emissions by weight.	P37
	69	EN18*	Initiatives to reduce greenhouse gas emissions and reductions achieved.	P36~37/P44~47
	70	EN19	Emissions of ozone-depleting substances by weight.	Inapplicable
	71	EN20	NO, SO, and other significant air emissions by type and weight.	P37
	72	EN21	Total water discharge by quality and destination.	P47
	73	EN22	Total weight of waste by type and disposal method.	P39
	74	EN23	Total number and volume of significant spills.	P40
	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.	Inapplicable
	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.	P40~41
	77	EN26	Initiatives to mitigate environmental impacts of products and services, and extent of impact mitigation.	P3/P16~25/P34~41 P42~47
	78	EN27	Percentage of products sold and their packaging materials that are reclaimed by category.	Inapplicable
	79	EN28	Monetary value of significant fines and total number of non-monetary sanctions for noncompliance with environmental laws and regulations.	Inapplicable
	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.	Inapplicable
	81	EN30*	Total environmental protection expenditures and investments by type.	P37/P40/P45
Social-Labor Practices and Decent Work Performance Indicators	82	LA1	Total workforce by employment type, employment contract, and region.	P51~52
	83	LA2	Total number and rate of employee turnover by age group, gender, and region.	No Involvement
	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.	P33
	88	LA7	Rates of injury, occupational diseases, lost days, and absenteeism, and number of work- related fatalities by region.	P28/P33
	89	LA8	Education, training, counseling, prevention, and risk-control programs in place to assist workforce members, their families, or community members regarding serious diseases.	P32~33
	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.	P52
	92	LA11*	Programs for skills management and lifelong learning that support the continued employability of employees and assist them in managing career endings.	P32/P51~52
	93	LA12*	Percentage of employees receiving regular performance and career development reviews.	P52
	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.	P57

	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.	Inapplicable
	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
	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.	Inapplicable
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/P16/P26/P34/P42/ P48/P50/P66~67
	106	SO2	Percentage and total number of business units analyzed for risks related to corruption.	P12
	107	SO3	Percentage of employees trained in organization's anti-corruption policies and procedures.	P12
	108	SO4	Actions taken in response to incidents of corruption.	P7~8/P12
	109	SO5	Public policy positions and participation in public policy development and lobbying.	P57
	110	SO6*	Total value of financial and in-kind contributions to political parties, politicians, and related institutions by country.	Inapplicable
	111	SO7*	Total number of legal actions for anticompetitive behavior, anti-trust, and monopoly practices and their outcomes.	P57
	112	SO8	Monetary value of significant fines and total number of non-monetary sanctions for noncompliance with laws and regulations.	Inapplicable
	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.	P28
	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.	Inapplicable
	115	PR3	Type of product and service information required by procedures, and percentage of significant products and services subject to such information requirements.	Inapplicable
	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.	Inapplicable
	117	PR5*	Practices related to customer satisfaction, including results of surveys measuring customer satisfaction.	P28~31/P57
	118	PR6	Programs for adherence to laws, standards, and voluntary codes related to marketing communications, including advertising, promotion, and sponsorship.	Inapplicable
	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.	Inapplicable
	120	PR8*	Total number of substantiated complaints regarding breaches of customer privacy and losses of customer data.	Inapplicable
	121	PR9	Monetary value of significant fines for noncompliance with laws and regulations concerning the provision and use of products and services.	Inapplicable

Note: Indicators marked with * are additional indicators and those without are core indicators; "inapplicable" 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





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.

Note: The logo and the word "Datang" have been both registered as trademark in the State Administration for Industry & Commerce of P. R. China.



