Coal Storage and Blending Facilities

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Background

Back by Beijing Coal Designing Institute, FavorSea provide the designing and EPC contracting service of coal storage and blending facilities.

The Sell-One-Store-One strategic mode is adopted in designing coal storage and blending facilities, thus dynamic security of coal strategic reserve is achieved. We provide intensive and environmentally-friendly integrated coal supply value chain to the customer by adoption of digitizing coal blending design idea, reasonably and scientifically allocating coal from different source, adoption of following management model: refinement of coal products, chain operation of buying and selling, integration of logistic, diversification of subject of investment, environment protection and low carbon energy saving, optimization of operation cost, adoption of high tech of coal blending, networking of coal supply, strategic approach of operation management.
Profiles of main design project

1. Ground Production System for Shenhua Group Huanghua Port Co., Ltd

A: Investor: It's jointed invested by Shenhua Group and Hebei Province
B: Address: Development Zone of Huanghua Port, Cangzhou City, Hebei Province
The position and role of the project: Key project of National "Eleventh Five-Year plan"; Sea outlet of China second largest coal transportation channel by which coal is ship from west to east and north to south; China second largest modern coal transportation port.
C: Capacity: First stage: Annual handling capacity is 35 million ton. The static storage capacity of coal storage area is 1.2 million ton.
D: Planed second stage: Annual handling capacity reach 35 million ton. The static storage capacity of coal storage area is 2.4 million ton.
Long-time Planning: Coal handling capacity reach 150 million tons.
E: The mode of transport: Inbound: Train; Outbound: Ship.
F: Coal storage facilities: large-scale bucket wheel stacker reclaimers.
G: The progress of the project: The first and second stage has been in operation, Preparations were started in 2008 for the construction of third stage project. After the completion of the third-phase project, the total coal handling capacity will reach 150 million tons.
2 Coal storage and blending center in Wuhu Port

A: Investor: It's jointed invested by Huainan mining group and Wuhu Port Storage & Transportation Co., Ltd.
B: Address: North of Yangtze River, Wuhu City Suburb, Anhui Province
C: The position and role of the project: National key construction projects.
D: Capacity: The project are in two phases:
   First phase: the coal blending and transportation volume of departing vessel amount to 20 million tons, the stockpile static reserves is 1.8 million tons.
   Second phase: the coal blending and transportation volume of departing vessel amount to 50 million tons, the stockpile static reserves is 5 million tons.
E: Mode of transport: Inbound: Train; Outbound: Ship.
F: Coal storage facilities: Large-scale bucket wheel stacker reclaimer.
G: The progress of the project: Phrase one has been put into operation, the second phase are being designed.
3. Coal storage and blending project of Shandong Longhai Coal Reserve & Delivery Co., Ltd

A: Investor: It's jointly invested by Shandong Energy Longkou Mining Group Co., Ltd and Longkou port authority
B: Address: South of Honggang Port Berth, Yantai City, Shandong Province
C: The position and role of the project: Key construction projects of Shandong Province.
D: Capacity
First phase: the coal blending and port inbound delivery volume amount to 10 million tons, the stockpile static reserves is 300 thousand tons. The project covers an area of about 15 hectares.

Second phase: the coal blending and port inbound delivery volume reach 30 million tons, the stockpile static reserves reach 1 million tons.
E: the mode of transport: Inbound: ship; Outbound: Train and Truck
F: Coal storage facilities: large-scale bucket wheel stacker reclaimer.
G: The progress of the project: Phrase one has been put into operation in 2009.

4. Zone A logistics center of Ningxia Baofeng Energy Group Co., Ltd

A: Investor: Ningxia Baofeng Energy Group Co., Ltd
B: Address: Ninghe comprehensive industrial park, Lingwu City, Ningxia Hui Autonomous Region.
C: The position and role of the project: Key construction projects of Ningxia Hui Autonomous Region.
D: Capacity
First phase: the coal blending and port inbound delivery volume amount to 10 million tons, the stockpile static reserves is 300 thousand tons. The project covers an area of about 15 hectares.

Stockpile static reserves is 1 million tons, the project covers an area of about 100 hectares.
E: the mode of transport: Inbound: belt conveyor; Outbound: Train and Truck
F: Coal storage facilities: Round drop tower-type capping stockpile.
G: The progress of the project: under construction.
5. Coal separation and blending center of Jiangxi Ganxi coal Logistics Co Ltd

A: Investor: Jiangxi Tianyu Fuel Group Co., Ltd
B: Address: Gaokang town, Anyuan district, Pingxiang City, Jiangxi Province.
C: The position and role of the project: Key construction projects of Jiangxi Province; Strategy loading and unloading point of Ministry of Railways
D: Capacity: First phrase: Static coal handling capacity of coal storage area is 300 thousand tons, Dynamic handling capacity is 3 million tons.
   Feeding coal of coal preparation plant amount to 2 million tons.
   Second phrase: Static coal handling capacity of coal storage area is 1 million tons, Dynamic handling capacity is 3 million tons.
The project covers an area of about 42 hectares.
E: The mode of transport: Inbound: Truck and Train;
   Outbound: Train.
F: Coal storage facilities: First phrase: trestle type capping stockpile.
   Second phrase: Round drop tower-type capping stockpile.
G: The progress of the project: Phrase one has been put into operation, the second phrase are being designed.
6. New street coal logistics center of Erdos City

A: Investor: Inner Mongolia Erdos Group
B: Address: New Street Town, Ejin Horo Banner, Erdos City, Inner Mongolia.
C: The position and role of the project: Key construction projects of Inner Mongolia Autonomous Region.
D: Capacity: Annual raw coal handling capacity amount to 50 million ton.
   First Stage: 10 million tons, the stockpile static reserves is 300 thousand tons.
   Second Stage: 20 million tons, the stockpile static reserves is 1 million tons.
   Third Stage: 20 million tons, the stockpile static reserves is 2 million tons.
E: The mode of transport: Inbound: Truck; Outbound: Train.
F: Coal storage facilities: Round drop tower-type capping stockpile.
G: The progress of the project: under designing
7 Coal separation and blending center of Yangchang Bay, Province

A: Investor: Shenhua Ningxia Coal Industry Group Co., Ltd
B: Address: Lingwu City, Ningxia Hui Autonomous Region.
C: The position and role of the project: Key construction projects of Ningxia Hui Autonomous Region.
D: Capacity: Annual coal separation and blending capacity is 10 million tons. The static storage capacity is 200 thousand ton.
E: The mode of transport: Inbound: belt conveyor; Outbound: Train
F: Coal storage facilities: Round drop tower-type capping stockpile.
G: The progress of the project: The project has been put into operation in 2005.

This project won the 2008 Luban Award of China Construction project (National Quality Project)
8 Coal blending center of China Pingmei Shenma Energy & Chemical Group Co., Ltd

B: Address: Sishan Village, Xinji township, Lushan County, Pingdingshan City
C: The position and role of the project: Major investment project in non-core business of China Pingmei Energy and Chemical Group.
D: Capacity
   First Stage: the coal blending capacity reach 6 million tons which include 3 million tons outsourcing coal.
   Static coal reserves reach 125,000 tons.
   Second Stage: The capacity reach 10 million tons.
   The project covers an area of 20.3 hectares.
E: The mode of transport: Inbound: Truck and Train;
   Outbound: conveyor belt to power plant
F: Coal storage facilities: large diameter coal silo
G: The progress of the project: under designing
9 Luoqi coal storage and transportation base of Chongqing Thermal Coal Storage and Transportation

A: Investor: Chongqing Thermal Coal Storage and Transportation Group
B: Address: Luoqi town, Yubei District, Chongqing City
C: The position and role of the project: Key project of Chongqing City and eastward shipment of coal from Xinjiang Province
D: Capacity: Annual coal blending capacity is 15 million tons, the static storage capacity is 2 million tons. The project covers an area of 70 hectares. Static coal reserves reach 125,000 tons.
E: Mode of transport: Inbound: Ship and Train; Outbound: ship and train.
F: Coal storage facilities: large-scale bucket wheel stacker reclaimer.
G: Progress of the project: under designing
10 Jingjiang digitized coal storage and blending center of Shanxi Coal International Energy Co., Ltd

A: Investor: Shanxi Coal Import & Export Group
B: Address: New port campus, Jingjiang City, Jiangsu Province.
C: The position and role of the project: National strategic coal reserve base
D: Capacity: Annual coal separation and blending capacity is 30 million tons, the static storage capacity is 2 million tons. The project covers an area of 100 hectares.
E: The mode of transport: Inbound: Ship and Train; Outbound: ship
F: Coal storage facilities: large-scale bucket wheel stacker reclaimer and circular wheel stacker reclaimer
G: The progress of the project: under designing
11 Zhungeer convened loading station of Inner Mongolia Yitai Group Zhundong Railway Company

A: Investor: Zhundong Railway Co., Ltd of Inner Mongolia Yitai Group
B: Address: Dongsheng District, Erdos City, Inner Mongolia.
C: The position and role of the project: Shipping station of Yitai Group
D: Capacity: Annual storage, loading and shipping capacity is 25 million tons, the static storage capacity is 1.2 million tons. The project covers an area of 93.4 hectares.
E: The mode of transport: Inbound: Truck; Outbound: Train.
F: Coal storage facilities: bucket wheel reclaimer
G: The progress of the project: The project has been put into operation in 2010.
12 Coal storage yard of Jiangxi province coal storage center

A: Investor: Jiangxi Province Coal Group Co., Ltd
B: Address: Industrial park along the Yangtze river, Jiujiang City
C: The position and role of the project: Strategic coal reserve base of Jiangxi Province
D: Capacity: Annual storage, loading and shipping capacity is 7 million tons, the static storage capacity is 1 million tons. The project covers an area of 40 hectares.
E: The mode of transport: Inbound: Ship and Train; Outbound: ship, truck and train
F: Coal storage facilities: large-scale bucket wheel stacker reclaimer.
G: The progress of the project: under designing
13 Coal storage and transportation facility of Shenhua Ningxia Coal Group 4million ton indirect coal liquefaction project.

A: Investor: Shenhua Ningxia Province Coal Group
B: Address: East ningxia province energy and chemical base, Ningxia Province
C: The position and role of the project: National key project of the "12th Five-Year Plan"
D: Capacity: Annual storage, loading and shipping capacity is 26 million tons, the static storage capacity is 500 thousand tons. The project covers an area of 26.7 hectares.
E: The mode of transport: Inbound: Train; Outbound: Belt Conveyor
F: Coal storage facilities: large-scale circular stacker reclaimer
G: The progress of the project: under designing
14 10 million ton coal comprehensive handling project for Henan Long Cheng Group

A: Investor: Henan Long Cheng Group
B: Address: No.3 harbor basin of Caofeidian Industrial Park
C: The position and role of the project: Key low-temperature dry distillation project of Henan Long Cheng Group
D: Capacity: (First Stage): Annual coal separation covers an area of 14.7 hectares.

and blending capacity is 10 million tons, the static storage capacity is 220 thousand tons. The project
E: the mode of transport: Inbound: Truck and Train; Outbound: ship, truck and train
F: coal storage facilities: Round drop tower-type capping stockpile.
G: the progress of the project: under designing