

Energy and chemical industry

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1. Zichang City Coal and Oil Gas Comprehensive Utilization Project

1. Project name:

Zichang City Coal and Oil Gas Comprehensive Utilization Project

2. Project unit:

Zichang City Industrial Park Management Committee

3. Project content:

The planned total land area of the project is 500 mu, with coal, natural gas and petroleum as raw materials, and the newly built 450,000 tons/year

Methanol plant, 150,000 tons/year DMTO plant, 75,000 tons/year polyethylene, 75,000 tons/year polypropylene plant,

Compared with traditional energy and chemical projects, the energy conversion efficiency of the project is increased by 16.88%, and the carbon resource utilization rate is increased by 17.74%.

4. Total investment and cooperation methods:

The total investment of the project is 3.69 billion yuan, wholly-owned or joint venture.

5. Market forecast and investment return analysis:

The project consumes 86 million cubic meters of natural gas, 100,000 tons of oil, 430,000 tons of raw coal, and 7.5 million kWh of electricity annually.

10 million tons of water. After completion, it is estimated that the annual sales income will be 2.84 billion yuan, the profit and tax will be 1.231 billion yuan, and the profit will be 9.78

100 million yuan, 400 people can be employed.

2. Wuqi 200MWP fishing and light complementary photovoltaic power generation project

1. Project name:

Wuqi 200MWP fishery and light complementary photovoltaic power generation project

2. Project unit:

Wuqi County Economic Development Bureau

3. Project content:

The project selects the reservoir of Bianqiangqu Town, Changcheng Town, Wuqi County, with a total area of waste grassland and reservoir water area of about 5,500

Mu is used to build a new-type energy "fishing and light complementary" photovoltaic power station. The project occupies all unused land and does not occupy agricultural land.

Land use. Install photovoltaic modules on the water or above the ground to generate electricity, use the water body for aquaculture, and use the original

The land is cultivated for agriculture, forming a power generation mode of "upper can generate electricity, and lower can raise fish and plant".

4. Total investment and cooperation methods:

The total investment of the project is 1.3 billion yuan, sole proprietorship and cooperation.

5. Market forecast and investment return analysis:

After the project is completed, it can provide 270 million kWh of electricity to the grid every year, with an annual output value of 148.5 million yuan.

It can save 84240t standard coal every year and reduce CO₂ 23864t emissions. In addition, the corresponding waste water can be reduced every year

The discharge of warm water makes the project have good economic and social effects.

3. Changwu County coal-bed methane development and utilization projects

1. Project name:

Changwu County CBM Development and Utilization Project

2. Project unit:

Changwu County Investment Promotion Bureau

3. Project content:

Changwu County, as a large coal storage county in Xianyang City, has proven coal reserves of 5.8 billion tons and 6 coal mines in the county

The total designed annual coal production capacity is as high as 30 million tons, making it the second largest energy and chemical base in Shaanxi and an important

As an energy source, the energy and chemical industry has become the main pillar industry in Changwu County. The Binchangxun area serves as the northern Shaanxi energy

The source chemical industry and the important energy connection place in Guanzhong area play an important role in the economic construction and development of Guanzhong and the whole province.

It is also the pillar industry for the economic development of the Bin-Chang-Xun region, and it plays an important role in promoting regional economic growth.

Rapid development is of great significance. Build an industrialized coalbed methane mining base with a development and utilization scale of 222 million

Cubic meters/year.

4. Total investment and cooperation methods:

The total investment of the project is 1.06 billion yuan, cooperative and sole proprietorship.

5. Market forecast and investment return analysis:

The economic benefits of the project are considerable. After it is completed and put into production, it is expected to increase local employment by more than a thousand people.

4. Tang Liquan agricultural photovoltaic hybrid PV project

1. Project name:

Datang Liquan Agricultural and Solar Complementary Photovoltaic Power Generation Project

2. Project unit:

Liquan County Investment Promotion Bureau

3. Project content:

The general plan of the project is to build a photovoltaic power station with an installed capacity of 200MW in Yanxia Town, Liquan County.

4. Total investment and cooperation methods:

The total investment of the project is 1 billion yuan, wholly-owned.

5. Market forecast and investment recovery analysis:

The expected rate of return is 9% and the payback period of the project investment is 10.22 years.

5. Liqun County Wind Power Project

1. Project name:

Liqun County Wind Power Project

2. Project unit:

Liqun County Investment Promotion Bureau

3. Project content:

Build a 50x2000kw wind power project in Liqun County.

4. Total investment and cooperation methods:

The total investment of the project is 800 million yuan.

5. Market forecast and investment return analysis:

The expected return on investment is about 20%, and the payback period is 5 years.

6. Luochuan County PE composite pipe project with an annual output of 100,000 tons

1. Project name:

100,000 tons/year PE composite pipe project in Luochuan County

2. Project unit:

Luochuan Industrial Park Management Committee

3. Project content:

The project plans to build a new workshop of 30,000 square meters, purchase 10 production lines, and auxiliary equipment and public utilities.

Engineering facilities include: raw material warehouse, finished product warehouse, air compressor station, circulating water system, transportation vehicles, staff living area

Wait. Steel skeleton polyethylene composite pipes are 70,000 tons/year, and various types of polyethylene pipes are 30,000 tons/year.

4. Total investment and cooperation methods:

The total investment of the project is 570 million yuan, which is sole proprietorship, joint venture or cooperation.

5. Market forecast and investment return analysis:

After the project is completed, it can achieve an annual output value of 780 million yuan, a profit of 110 million yuan, and an investment payback period of 5 years.

It can solve 120 jobs at a time.

7. Yulin Plasticizer DPHP Project with an Annual Output of 90,000 Tons

1. Project name:

90,000 tons of plasticizer DPHP project in Yulin

2. Project unit:

Yulin Investment Promotion Service Center

3. Project content:

The project is planned to be built in Yulin Economic and Technological Development Zone. According to the amount of upstream 2-PH, the plasticizer of this project

The scale of the DPHP device is determined to be 90,000 tons/year; annual operating time: 8,000h; the device covers an area of about 10,000 square meters

Meters, the project quota is about 120 people. Using phthalic acid and 2-propylheptanol as raw materials, through esterification reaction,

DPHP is prepared by processes such as dealcoholization, neutralization water washing, gas drying, and adsorption filtration.

4. Total investment and cooperation methods:

The total investment of the project is 450 million yuan, wholly-owned.

5. Market forecast and investment return analysis:

Di(2-propylheptyl) phthalate (DPHP) is a better performance than dioctyl phthalate (DOP)

A better plasticizer. It is based on 2-propyl-1-heptanol (or 2-propylheptanol, 2-PH for short)

Ortho-benzene plasticizers produced from raw materials have the characteristics of low toxicity and low volatility, which can replace DOP,

Dibutyl phthalate (DBP), diisononyl phthalate (DINP) and benzyl butyl phthalate

(BBP) and other plasticizers have great market potential. Its advantages are less heating loss, excellent aging resistance,

High volume resistance, good resistance to water and oil. Under the same amount of plasticizer, the product has greater hardness and volatile

Low resistance and migration resistance, and excellent electrical performance. At present, DPHP has become the performance of phthalates

One of the most excellent plasticizer varieties. Up to now, there are only two DPHP manufacturers in my country, with a combined production capacity

It is 60kt/a. At present, global DPHP consumption is basically concentrated in the United States and Western Europe. In 2015, the world DPHP consumption

The consumption is about 130-150kt.

After the project is put into production, the annual product operating income will be 945 million yuan and the profit will be 541.6 million yuan.

8. Binzhou Carrier Refrigerant and Antifreeze Production Project

1. Project name:

Binzhou Carrier Refrigerant and Antifreeze Production Project

2. Project unit:

Binzhou Energy and Chemical Office

3. Project content:

The project plans to rely on the 300,000 tons/year coal-to-ethylene glycol project under construction in the park to further extend the

The downstream industrial chain of glycol produces fine chemical products with high added value. The production equipment is mainly produced by refrigerant

Production equipment, antifreeze production equipment and related auxiliary public engineering facilities. Process and equipment adopt domestic

Foreign advanced technology, the construction scale is 3000 tons/year of refrigerant and 3000 tons/year of antifreeze.

4. Total investment and cooperation methods:

The total investment of the project is 62.22 million yuan, wholly-owned.

5. Market forecast and investment return analysis:

After the completion of the project, the average annual sales income will be 68.62 million yuan, the average annual profit will be 15.25 million yuan, and the average annual net

The profit was 11.44 million yuan.