

Project Name	Construction Nature	Construction site	Construction period	Construction scale
During the First Five-Year Plan period, 147 projects were constructed				
Coal (25 items) : 21.65 million tons of coal mining, 9.5 million tons of coal washing				
Hegang Dongshan No. 1 Vertical Shaft	Continued construction	<u>Hegang, Heilongjiang Province</u>	50 ~ 55	900,000 tons of coal mined
Hegang Xing'antai No. 10 vertical shaft			52 ~ 56	1.5 million tons of coal mined
Liaoyuan Central Shaft		<u>Liaoyuan, Jilin Province</u>	50 ~ 55	900,000 tons of coal mined
Fuxin Pingan Lijing		<u>Fuxin City, Liaoning Province</u>	52 ~ 57	1.5 million tons of coal mined
Fuxin Xinqiu No.1 Vertical Shaft	New		54 ~ 58	600,000 tons of coal mined
Fuxin Haizhou Open-Pit Mine	Continued construction		50 ~ 57	3 million tons of coal mined
Xing'antai Coal Washing Plant	New	<u>Hegang, Heilongjiang Province</u>	57 ~ 59	1.5 million tons of coal washing
Chengzihe Coal Washing Plant		<u>Jixi City, Heilongjiang Province</u>	57 ~ 59	1.5 million tons of coal washing
Chengzihe No. 9 vertical shaft			55 ~ 59	750,000 tons of coal mined
Shanxi Lu'an Coal Washing Plant		<u>Lu'an, Shanxi Province</u>	56 ~ 58	2 million tons of coal washing
Jiaozuo Zhongma Village Well		<u>Jiaozuo, Henan Province</u>	55 ~ 59	600,000 tons of coal mined
Xing'antai No. 2 vertical shaft		<u>Hegang, Heilongjiang Province</u>	56 ~ 61	1.5 million tons of coal mined
Datong Emaokou Vertical Well		<u>Datong City, Shanxi Province</u>	57 ~ 61	1.2 million tons of coal mined
Huainan Xiejiaji Central Coal Washing Plant		<u>Huainan, Anhui Province</u>	57 ~ 59	1 million tons of coal washing
Tonghua Wangou Shaft		<u>Tonghua, Jilin Province</u>	56 ~ 58	600,000 tons of coal washing
Fengfeng Central Coal Washing Plant		<u>Fengfeng, Handan City, Hebei Province</u>	57 ~ 59	2 million tons of coal washing

<u>Fushun West Open-pit Mine</u>	Renovation	<u>Fushun, Liaoning Province</u>	53 ~ 59	3 million tons of coal mined
Fushun Longfeng Mine			53 ~ 58	900,000 tons of coal washing
Fushun Tiger Mine			53 ~ 57	800,000 tons of coal washing
Fushun Shengli Mine			53 ~ 57	900,000 tons of coal washing
Shuangyashan Coal Washing Plant	New	<u>Shuangyashan, Heilongjiang Province</u>	54 ~ 58	1.5 million tons of coal washing
Tongchuan Yushi Ao Li Well		<u>Tongchuan, Shaanxi Province</u>	57 ~ 61	1.2 million tons of coal mined
Fengfeng Tongshun No. 3 Vertical Shaft		<u>Fengfeng, Handan City, Hebei Province</u>	57 ~ 61	1.2 million tons of coal mined
Pingdingshan No. 2 Shaft		<u>Pingdingshan, Henan Province</u>	57 ~ 60	900,000 tons of coal mined
Fushun East Open-Pit Mine		<u>Fushun, Liaoning Province</u>	56 ~ 61	<u>Oil shale</u> 7 million cubic meters
Petroleum (2 items) : Refining 1.7 million tons				
Lanzhou Refinery	New	<u>Lanzhou, Gansu Province</u>	56 ~ 59	Refining 1 million tons
Fushun No.2 Oil Refinery	Renovation	<u>Fushun, Liaoning Province</u>	56 ~ 59	700,000 tons of shale crude oil
Electricity (25 items) : installed capacity 2.8865 million kilowatts				
Fuxin Thermal Power Station	Expansion	<u>Fuxin City, Liaoning Province</u>	51 ~ 58	150,000 kilowatts
Fushun Power Station		<u>Fushun, Liaoning Province</u>	52 ~ 57	150,000 kilowatts
<u>Chongqing Power Station</u>	New	<u>Chongqing</u>	53 ~ 54	24,000 kW
Fengman Hydropower Station	Expansion	<u>Fengman District, Jilin City, Jilin Province</u>	51 ~ 59	422,500 kW
Dalian Thermal Power Station		<u>Dalian, Liaoning Province</u>	54 ~ 55	25,000 kW
Taiyuan No.1 Thermal Power Plant	New	<u>Taiyuan, Shanxi Province</u>	53 ~ 57	74,000 kW
Xi'an Thermal Power Station		<u>Xi'an, Shaanxi Province</u>	52 ~ 57	48,000 kW

(Phase 1-2)				
Zhengzhou No.2 Thermal Power Station		<u>Zhengzhou, Henan Province</u>	52 ~ 53	12,000 kW
Fulaerji Thermal Power Station		<u>Fulaerji , Qiqihar, Heilongjiang</u>	52 ~ 55	50,000 kilowatts
Urumqi Thermal Power Station		<u>Urumqi, Xinjiang</u>	52 ~ 59	19,000 kW
Jilin Thermal Power Station	Expansion	<u>Jilin City, Jilin Province</u>	56 ~ 58	100,000 kilowatts
Taiyuan No.2 Thermal Power Station	New	<u>Taiyuan, Shanxi Province</u>	56 ~ 58	50,000 kilowatts
Shijiazhuang Thermal Power Station (Phase 1-2)		<u>Shijiazhuang, Hebei Province</u>	55 ~ 59	49,000 kW
Huxian Thermal Power Station (Phase 1-2)		<u>Huxian County, Xi'an City, Shaanxi Province</u>	56 ~ 60	100,000 kilowatts
Lanzhou Thermal Power Station		<u>Lanzhou, Gansu Province</u>	55 ~ 58	100,000 kilowatts
Qingshan Thermal Power Station	Expansion	<u>Wuhan, Hubei Province</u>	55 ~ 59	112,000 kW
Gejiu Power Station (Phase 1-2)	New	<u>Gejiu, Honghe Prefecture, Yunnan Province</u>	54 ~ 58	28,000 kW
Baotou Sidaoshahe Thermal Power Station		<u>Baotou, Inner Mongolia</u>	56 ~ 58	50,000 kilowatts
Baotou Songjiahao Thermal Power Station		<u>Baotou, Inner Mongolia</u>	57 ~ 60	62,000 kW
Jiamusi Paper Mill Thermal Power Station		<u>Jiamusi, Heilongjiang Province</u>	55 ~ 57	24,000 kW
<u>Zhuzhou Thermal Power Station</u>		<u>Zhuzhou, Hunan Province</u>	55 ~ 57	12,000 kW
Chengdu Thermal Power Station		<u>Chengdu, Sichuan Province</u>	56 ~ 58	50,000 kilowatts
Luoyang Thermal Power Station		<u>Luoyang, Henan Province</u>	55 ~ 58	75,000 kW

<u>Sanmenxia Water Conservancy Project</u>		<u>Shan County , Sanmenxia City, Henan Province</u>	56 ~ 69	1.1 million kilowatts
<u>Beijing Thermal Power Station</u>		<u>Chaoyang District, Beijing [5]</u>	58 ~ 59	100,000 kilowatts
Steel (7 items)				
<u>Anshan Iron and Steel Company</u>	Renovation	<u>Anshan, Liaoning Province</u>	52 ~ 60	Iron 250, steel 320, steel products 2.5 million tons
<u>Benxi Iron and Steel Company</u>		<u>Benxi, Liaoning Province</u>	53 ~ 57	1.1 million tons of iron
<u>Fulaerjit Steel Plant (Phase 1-2)</u>	New	<u>Fulaerji , Qiqihar, Heilongjiang</u>	53 ~ 58	Special steel 166,000 tons
<u>Jilin Ferroalloy Plant</u>		<u>Jilin City, Jilin Province</u>	53 ~ 56	Ferroalloys 43,500 tons
<u>Wuhan Iron and Steel Company</u>		<u>Wuhan, Hubei Province</u>	55 ~ 62	Pig iron 1.5 million tons, steel 1.5 million tons, steel products 1.1 million tons
<u>Baotou Iron and Steel Company</u>		<u>Baotou, Inner Mongolia</u>	56 ~ 62	Pig iron 1.6 million tons, steel 1.5 million tons
<u>Rehe Vanadium Titanate</u>		<u>Chengde, Hebei Province</u>	55 ~ 58	7,000 tons of titanium and magnesium, 1,000 tons of ferrovandium
Non-ferrous (11 items)				
<u>Fushun Aluminum Plant (Phase 1-2)</u>	Renovation	<u>Fushun, Liaoning Province</u>	52 ~ 57	39,000 tons of aluminum ingots and 1,200 tons of aluminum
<u>Harbin Aluminum Processing Plant (Phase 1-2)</u>	New	<u>Harbin, Heilongjiang</u>	52 ~ 58	30,000 tons of aluminum
<u>Jilin Cable Factory</u>		<u>Jilin City, Jilin Province</u>	53 ~ 55	Graphite products 22,300 tons
<u>Zhuzhou Cemented Carbide Factory</u>		<u>Zhuzhou, Hunan Province</u>	55 ~ 57	500 tons of cemented carbide
<u>Yangjiazhangzi Molybdenum Mine</u>		<u>Yangjiazhangzi, Huludao City, Liaoning Province</u>	56 ~ 58	4700 tons of molybdenum concentrate
<u>Yunnan Tin Company</u>		<u>Gejiu, Honghe Prefecture, Yunnan Province</u>	54 ~ 58	Tin 30,000 tons
<u>Jiangxi Dajishan Tungsten Mine</u>		<u>Qiannan, Ganzhou City,</u>	55 ~ 59	Mining 1600 tons/day

		<u>Jiangxi Province</u>		
Jiangxi Xihuashan Tungsten Mine		<u>Dayu, Ganzhou City, Jiangxi Province</u>	56 ~ 59	1856
Jiangxi Kuimeishan Tungsten Mine		<u>Dingnan, Ganzhou City, Jiangxi Province</u>	56 ~ 59	1570
<u>Baiyin Nonferrous Metals Company</u>		<u>Baiyin City, Gansu Province</u>	55 ~ 62	30,000 tons of electrolytic copper and 25,000 tons of sulfuric acid
Luoyang Nonferrous Metal Processing Plant		<u>Luoyang, Henan Province</u>	57 ~ 62	60,000 tons of copper

Chemical industry (7 items) : Synthetic ammonia 154,000 tons Ammonium nitrate 188,000 tons

Jilin Dye Factory	New	<u>Jilin City, Jilin Province</u>	55 ~ 58	Synthetic dyes and intermediates 7,385 tons
Jilin Nitrogen Fertilizer Plant		<u>Jilin City, Jilin Province</u>	54 ~ 57	50,000 tons of synthetic ammonia and 90,000 tons of ammonium nitrate
Jilin Calcium Carbide Plant		<u>Jilin City, Jilin Province</u>	55 ~ 57	Calcium carbide 60,000 tons
Taiyuan Chemical Plant		<u>Taiyuan, Shanxi Province</u>	54 ~ 58	40,000 tons of sulfuric acid and 15,000 tons of caustic soda
Lanzhou Synthetic Rubber Factory		<u>Lanzhou, Gansu Province</u>	56 ~ 60	Synthetic rubber 15,000 tons
Taiyuan Nitrogen Fertilizer Plant		<u>Taiyuan, Shanxi Province</u>	57 ~ 60	52,000 tons of synthetic ammonia and 98,000 tons of ammonium nitrate
Lanzhou Nitrogen Fertilizer Plant		<u>Lanzhou, Gansu Province</u>	56 ~ 59	52,000 tons of synthetic ammonia and 98,000 tons of ammonium nitrate

Machinery (24 items)

Harbin Boiler Factory (Phase 1-2)	New	<u>Harbin, Heilongjiang</u>	54 ~ 60	High and medium pressure boiler 4080 tons/year
Changchun First Automobile Works		<u>Changchun City, Jilin Province</u>	53 ~ 56	30,000 <u>Jiefang brand vehicles</u>
Shenyang No.1 Machine Tool Plant		<u>Shenyang, Liaoning Province</u>	53 ~ 55	4,000 lathes
Harbin Measuring		<u>Harbin, Heilongjiang</u>	53 ~ 54	5.12 million measuring

Tool Factory				tools/1,032 tons
Shenyang Pneumatic Tool Factory	Renovation	<u>Shenyang, Liaoning Province</u>	52 ~ 54	Various pneumatic tools 20,000 units/554 tons
Shenyang Cable Factory		<u>Shenyang, Liaoning Province</u>	52 ~ 54	30,000 tons of various cables
Harbin Instrument Factory	New	<u>Harbin, Heilongjiang</u>	53 ~ 56	100,000 electrical instruments, 50,000 sets of automotive instruments, 600,000 electric meters
Harbin Steam Turbine Plant (Phase 1-2)		<u>Harbin, Heilongjiang</u>	54 ~ 60	Steam turbine 600,000 kW
Shenyang Second Machine Tool Plant	Renovation	<u>Shenyang, Liaoning Province</u>	55 ~ 58	4,497 various machine tools/16,000 tons
Wuhan Heavy Machine Tool Factory	New	<u>Wuhan, Hubei Province</u>	55 ~ 59	380 machine tools
Luoyang Tractor Factory		<u>Luoyang, Henan Province</u>	56 ~ 59	15,000 tractors
Luoyang Ball Bearing Factory		<u>Luoyang, Henan Province</u>	54 ~ 58	10 million sets of ball bearings
Lanzhou Petroleum Machinery Factory		<u>Lanzhou, Gansu Province</u>	56 ~ 59	Petroleum equipment 15,000 tons
Xi'an High Voltage Porcelain Factory		<u>Xi'an, Shaanxi Province</u>	56 ~ 62	15,000 tons of various electrical porcelain
Xi'an Switch Rectifier Factory		<u>Xi'an, Shaanxi Province</u>	58 ~ 61	13,000 sets of high-voltage switches/600,000 kilowatts of rectifiers
Xi'an Insulation Material Factory		<u>Xi'an, Shaanxi Province</u>	56 ~ 60	6,000 tons of various insulation materials
Xi'an Electric Capacitor Factory		<u>Xi'an, Shaanxi Province</u>	56 ~ 58	Power capacitors 100 kVA 61,000 pieces
Luoyang Mining Machinery Factory		<u>Luoyang, Henan Province</u>	55 ~ 58	Mining machinery and equipment 20,000 tons
Harbin Electric Motor Factory Steam Turbine Generator Workshop		<u>Harbin, Heilongjiang</u>	54 ~ 60	Steam turbine generator 600,000 kW

Fulaerji Heavy Machinery Factory		<u>Fulaerji , Qiqihar, Heilongjiang</u>	55 ~ 59	Rolling mill steelmaking and ironmaking equipment 60,000 tons
Harbin Carbon Brush Factory		<u>Harbin, Heilongjiang</u>	56 ~ 58	100 tons of brushes and carbon products
Harbin Ball Bearing Factory	Renovation	<u>Harbin, Heilongjiang</u>	57 ~ 59	6.55 million sets of ball bearings
Xiangtan Marine Motor Factory	New	<u>Xiangtan, Hunan Province</u>	57 ~ 59	Motor 110,000 kW
Lanzhou Refinery and Chemical Plant Machinery Factory		<u>Lanzhou, Gansu Province</u>	56 ~ 59	Chemical equipment 25,000 tons
Light Industry (1 item)				
Jiamusi Paper Mill	New	<u>Jiamusi , Heilongjiang</u>	53 ~ 57	50,000 tons of cement paper bags/60,000 square meters of copper mesh
Medicine (2 items)				
<u>North China Pharmaceutical Factory</u>	New	<u>Shijiazhuang, Hebei Province</u>	54 ~ 58	115 tons of penicillin , streptomycin, etc., 15,000 tons of starch
<u>Taiyuan Pharmaceutical Factory</u>		<u>Taiyuan, Shanxi Province</u>	54 ~ 58	<u>Sulfonamide</u> 1200 tons
Military industry (43 items)				
Aviation 12 items				
Heilongjiang 120 Factory	Renovation	<u>Harbin, Heilongjiang Province</u>	53 ~ 55	<u>Dongan Engine Co., Ltd.</u> [6]
Heilongjiang 122 Factory		<u>Harbin, Heilongjiang Province</u>	53 ~ 55	<u>Harbin Aircraft Industry Group</u>
Liaoning 410 Factory		<u>Liaoning Shenyang Dadong District</u>	53 ~ 57	China Aero Engine Corporation
Liaoning 112 Factory		<u>Shenyang City , Liaoning Province</u>	53 ~ 57	<u>Shenyang Aircraft Industry Group</u>
Jiangxi 320 Factory		<u>Nanchang , Jiangxi Province</u>	53 ~ 57	<u>Jiangxi Hongdu Aviation Industry Group</u> [7]
Hunan 331 Factory		<u>Lusong District, Zhuzhou City, Hunan Province</u>	55 ~ 56	<u>China Aerospace South Industries Co., Ltd.</u>

Shaanxi 113 Factory	New	<u>Xi'an, Shaanxi Province</u>	55 ~ 57	<u>AVIC Xi'an Aviation Power Control Co., Ltd.</u>
Shaanxi 114 Factory		<u>Xi'an, Shaanxi Province</u>	55 ~ 57	AVIC Qing'an Group Co., Ltd.
Shaanxi 212 Factory		<u>Baoji, Shaanxi Province</u>	55 ~ 62	Pou Chen General Electronics
Shaanxi 115 Factory		<u>Xingping City, Xianyang City, Shaanxi Province</u>	55 ~ 57	Shaanxi Qinling Aviation Electric Company
Shaanxi 514 Factory		<u>Xingping City, Xianyang City, Shaanxi Province</u>	55 ~ 62	Hua Hing Aircraft Company
Shaanxi 422 Factory		<u>Xi'an, Shaanxi Province</u>	55 ~ 58	AECC Xi'an Aero-Engine Co., Ltd.

Electronics 10 items

Beijing 774 Factory	Renovation	<u>Jiuxianqiao, Chaoyang District, Beijing [8]</u>	54 ~ 56	The factory invested RMB 102.82 million, accounting for about one-fifth of the total investment in the electronics industry at the time. It is currently owned by <u>JD.com</u> . [8]
Beijing 738 Factory	New	<u>Jiuxianqiao, Chaoyang District, Beijing</u>	55 ~ 57	Beijing Cable Factory, Beijing Zhaowei Electronics Co., Ltd.
Shaanxi 853 Factory		<u>Luonan County, Shangluo City, Shaanxi Province</u>	55 ~ 58	Huada Radio Equipment Factory
Shaanxi 782 Factory		<u>Baoji, Shaanxi Province</u>	56 ~ 57	Changling Machinery Factory
Sichuan 784 Factory		<u>Chengdu, Sichuan Province</u>	57 ~ 60	Jinjiang Electric Machinery Factory
Sichuan 788 Factory		<u>Mianyang, Sichuan Province</u>	57 ~ 60	Sichuan Radar Factory, <u>Changhong Electric</u>
Sichuan 715 Factory		<u>Chengdu, Sichuan Province</u>	55 ~ 57	Hongming Radio Equipment Factory
Shaanxi 786 Factory		<u>Xi'an, Shaanxi Province</u>	55 ~ 58	<u>Huanghe Machinery Manufacturing Plant</u>
Sichuan 719 Factory		<u>Chengdu, Sichuan Province</u>	55 ~ 57	Xinxing Instrument Factory —Chengdu Aerospace Communications Equipment Company

Shanxi 785 Factory		<u>Taiyuan, Shanxi Province</u>	56 ~ 59	Dazhong Machinery Factory- Shanxi Radio Factory	
16 weapons					
Shanxi 616 Factory	New	<u>Datong City, Shanxi Province</u>	56 ~ 58	Shanxi Diesel Engine Industry Co., Ltd.	
Shanxi 748 Factory			53 ~ 58 ^[9]		
Shanxi 245 Factory		<u>Taiyuan, Shanxi Province</u>	53 ~ 59	Shanxi North Xing'an Chemical Industry Co., Ltd.	
Shanxi 768 Factory		<u>Qinyuan County, Shanxi</u>	55 ~ 58	Responsible for microwave devices for Beijing Dahua Radio Equipment Factory. Moved from Beijing to Shanxi due to <u>the Third Line Construction</u>	
Shanxi 908 Factory		<u>Taiyuan, Shanxi Province</u>	55 ~ 58	Shanxi Xinhua Chemical Co., Ltd.	
Inner Mongolia 447 Factory		<u>Baotou, Inner Mongolia</u>	55 ~ 59	Inner Mongolia Northern Heavy Industries Group Co., Ltd., Inner Mongolia Second Machinery Manufacturing Plant	
Inner Mongolia 617 Factory		<u>Baotou, Inner Mongolia</u>	56 ~ 58	Inner Mongolia First Machinery Manufacturing Group Co., Ltd.	
Shaanxi 847 Factory		<u>Xi'an, Shaanxi Province</u>	55 ~ 57	Xi'an Kunlun (Group) Co., Ltd.	
Shaanxi 248 Factory		<u>Xi'an, Shaanxi Province</u>	55 ~ 57	Xi'an Northern Optoelectronics Co., Ltd.	
Shaanxi 803 Factory		<u>Xi'an, Shaanxi Province</u>	56 ~ 57	Xi'an North Huashan Electromechanical Co., Ltd.	
Shaanxi 844 Factory		<u>Xi'an, Shaanxi Province</u>	55 ~ 59	Xi'an Dongfang Group Co., Ltd.	
Shaanxi 843 Factory		<u>Xi'an, Shaanxi Province</u>	55 ~ 59	Xi'an North Qinchuan Group Co., Ltd.	
Shaanxi 804 Factory		<u>Xi'an, Shaanxi Province</u>	55 ~ 59	Xi'an North Qinghua Electromechanical Group Co., Ltd.	
Shaanxi 845 Factory		<u>Xi'an, Shaanxi Province</u>	55 ~ 58	Xi'an North Hui'an Chemical Industry Co., Ltd.	
Gansu 806 Factory				56 ~ 60	
Shanxi 884 Factory		<u>Taiyuan, Shanxi Province</u>		55 ~ 59	Shanxi Fenxi Machinery Factory

Aerospace 2

Beijing 211 Factory	New	<u>Fengtai District, Beijing</u>	54 ~ 57	Factory 211 of the <u>First Academy of China Aerospace Science and Industry Corporation</u> and Factory 211 of <u>Capital Aerospace Machinery Corporation</u> produce and assemble rockets.
Liaoning 111 Factory	Renovation	<u>Liaoning Shenyang Dadong District</u>	53 ~ 56	Factory 111 of the <u>Third Academy of China Aerospace Science and Industry Corporation</u> and <u>Shenyang Aerospace Xinguang Group</u> produce <u>rocket engines</u> .

Ships 3 items

Liaoning 431 Factory	New	<u>Longgang District, Huludao City, Liaoning</u>	56 ~ 60	<u>Bohai Shipyard</u> , produces <u>nuclear submarines</u> with an annual output of 4 million deadweight tons . [10]
Henan 407 Factory		<u>Luoyang , Henan</u>	56 ~ 60	Henan <u>Diesel Engine</u> .
Shaanxi 408 Factory		<u>Xingping City, Xianyang City , Shaanxi Province</u>	56 ~ 60	Shaanxi <u>Diesel Engine Factory</u> [11] .

Three projects were constructed during the Second Five-Year Plan period

Colored 2 items

Dongchuan Mining Bureau	New	<u>Dongchuan , Kunming , Yunnan Province</u>	58 ~ 61	Mining 20,000 tons/day
Huize Lead-Zinc Mine		<u>Huize, Qujing City, Yunnan Province</u>	58 ~ 62	15,000 tons of lead and 30,000 tons of zinc

Military industry 1 item

Shanxi 874 Factory	New	<u>Houma, Linfen City, Shanxi Province</u>	58 ~ 66	Shanxi <u>Pingyang Machinery Factory</u> [12] , produces ships
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