

Updates on China's Activities



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1. Important Conferences on CBM/CMM

- National Coal Mine Gas Prevention On-site Meeting was held in Anhui Province in November, 2011.



- 11th International Symposium on CBM/CMM was held in Beijing on Dec. 1-2, 2011, and over 100 participants from mining groups, governmental organizations, universities and international organizations, etc.



- On Aug 24th of 2012, the China Coadbed Methane Technology Workshop was successfully held in Sichuan Province



China Coadbed Methane Technology Workshop



2. Methane Emission Reduction Projects in China

- VAM project in Shaanxi Coal Group
- VAM project in Henan province



3. Recovery and Utilization of CBM/CMM in first half of 2012

- The drainage and utilization volume of CMM separately amounted to 5.1 billion m³ and 1.6 billion m³ in the first half of 2012, increased 0.86 billion m³ and 0.3 billion m³ compared with those in the first half of 2011.
- The output of CBM was 1.2 billion m³, and utilization volume of CBM was 0.98 billion m³ in 2011 compared with those in the first half of 2011. The utilization rate was 79.5%, which increased 7.1% compared with those in the first half of 2011.
- With the CBM/CMM development, coal mine production safety situation has greatly improved.



**The Main Companies CBM Recovery and Utilization Volume
in the first half of year**

Unit : Million m³

company	Goal of Year		Achieved of the First Half Year	
	Recovery Volume	Utilization Volume	Recovery Volume	Utilization Volume
Jin Cheng Anthracite Co., Ltd.	1950	1710	730.16	526.07
China National Petroleum Corporation	1650	1550	271.27	271.27
China United Coalbed Methane Company	770	640	213.95	168.65
China Petrochemical Group Company	80	50	3.86	0.45



4. 12th Five Year Plan on CBM/CMM

- **Drainage and utilization of CBM/CMM by the end of 2015**
 - Drainage volume of CBM will be 16 Billion m³, and almost all will be utilized; drainage volume of CMM will be 14 Billion m³, and utilization rate will be over 60%.
 - Installed capacity of generator units will surpass 2850 MW, and civil use will surpass 3.2 Million households.

Comparison on predicted value and actual value on drainage and utilization of CBM/CMM during 10th, 11th and 12th Five Year Plan Unit : Billion m³

	Planned Production	CBM Production from Surface Wells			CMM Production from Underground Boreholes		
		Planned	Achieved	Proportion	Planned	Achieved	Proportion
By 2005	3.0-4.0		0.03			2.2	
By 2010	10.3	5.02	1.5	29.9%	5.28	7.5	142%
By 2015	3.0	16.0			14.0		



- Newly-found proven reserves of CBM will be 1 trillion m³ by the end of 2015.
- Two industrialization bases of CBM that are Qinshui Basin and Eastern Ordos Basin will be build up by the end of 2015.
- 13 pipelines of CBM with total length of 2054 km will be build up in Qinshui Basin, Eastern Ordos Basin and Northern Henan Province, and the transportation capacity will be 12 billion m³.
- During 12th Five Year Plan, China plans to increase the financial subsidy level of drainage and utilization of CBM/CMM, and plans to study and draft preferential policy on utilization of low concentration CMM and VAM.



5. 12th Five Year Plan on CBM/CMM

■ Welcome to participate in the 12th International Symposium on CBM/CMM in China

November 8-9, 2012

➤ Landmark Hotel, Beijing, P.R. China

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