

< >

“ ”

65 , , 100

70

가

가

가

80

(: M/T, %)								
	1990		1991		1992		1993	
E O 가	33,775	22.7	36,429	23.1	43,115	24.9	48,766	23.6
	971	0.7	742	0.5	906	0.5	899	0.4
	1,061	0.7	902	0.6	1,574	0.9	2,042	0.9
	428	0.3	867	0.5	1,137	0.7	1,897	0.9
	16,406	11.0	19,048	12.1	19,831	11.5	21,835	10.6
	156	0.1	270	0.2	259	0.2	348	0.2
	201	0.1	219	0.1	218	0.1	227	0.1
	4,621	3.1	4,833	3.1	5,442	3.1	5,910	2.9
	-	-	140	0.1	50	0.1	34	0.1
	7,091	4.8	983	0.6	617	0.4	236	0.1
	272	0.2	95	0.1	1,171	0.7	7,422	3.6
	221	0.2	302	0.2	381	0.2	501	0.2
	74,437	49.9	81,486	51.6	77,656	44.9	79,508	38.4
	8,392	5.6	10,313	6.5	14,372	8.3	18,845	9.1
	935	0.6	1,255	0.7	5,992	3.5	18,326	8.9
	148,967	100.0	157,884	100.0	176,676	100.0	206,796	100.0

, , , , , , 6000가

, , , , , ,

, , ,

가

가

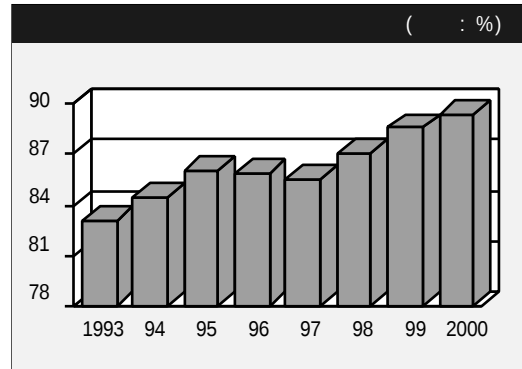
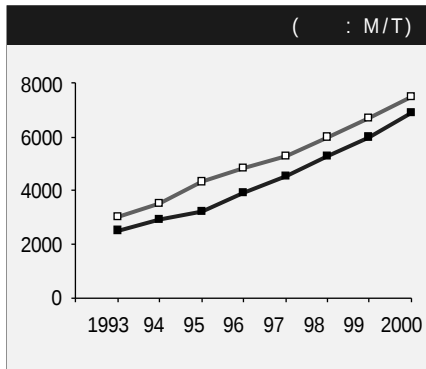
가 30

가 91 23.07%,

92 24.97% 83 70.9%

44.97%, 24.97%, 11.47%,

EO 가 8.32%, 13.15%



29.22%, 11.83%, 6.2%,

5.67%, 5.49%, 6.42%,

35.08%

90 21.8%, 91 20.7%, 92 20.6%

93 20%

가

가

93 4 2400 44 2000 35 3600 ,

가

가 가 가

	3 (EOR, MEOR)
	Tarsand-oil shale , 가
	, LB
	Liposome ,
	, , ,
	,
	, .

3 가 (, EU,

)가 77.5%

가 560 720

가

.

가

가

- 가 16

가

가

가

92

2% 가 12

93

94

95

가

(: M/T)						
1985	536,189	50,042	298,551	9,238	22,550	916,570
	307,854	42,303	322,237	5,003	22,688	700,085
1986	523,478	60,154	324,246	11,305	24,448	943,631
	308,241	52,450	351,399	7,080	24,200	743,370
1987	551,220	62,680	343,616	13,471	31,744	1,002,731
	317,624	51,973	375,151	8,711	29,926	783,385
1988	555,854	70,458	345,429	18,599	34,603	1,024,943
	352,179	53,843	385,447	13,721	31,968	837,158
1989	594,805	74,523	368,664	27,260	34,966	1,100,218
	371,972	56,898	403,958	21,181	32,771	886,780
1990	631,281	74,557	400,596	20,817	36,653	1,163,904
	381,334	58,392	429,794	16,810	35,741	922,071
1991	651,639	78,396	420,203	26,056	34,617	1,210,911
	390,787	57,084	447,344	21,904	34,406	951,525
1992	664,480	76,022	438,199	28,599	32,056	1,239,356
	390,001	56,489	462,529	24,658	32,797	966,474

92

123 9000 2% 가, 96 6000 2% 가

가

50%
가

2% 가,
48%

가

가

92

가

가

16% 가

가 25% 가

2 8000 2%

92 13 6800 4% 가 , 가 3%

9% 가 . 가

< 1994/5/16>