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### 2010 LNG World Trade

Prepared by Warren R. True, Chief Technology Editor - LNG Gas Processing, Oil & Gas Journal

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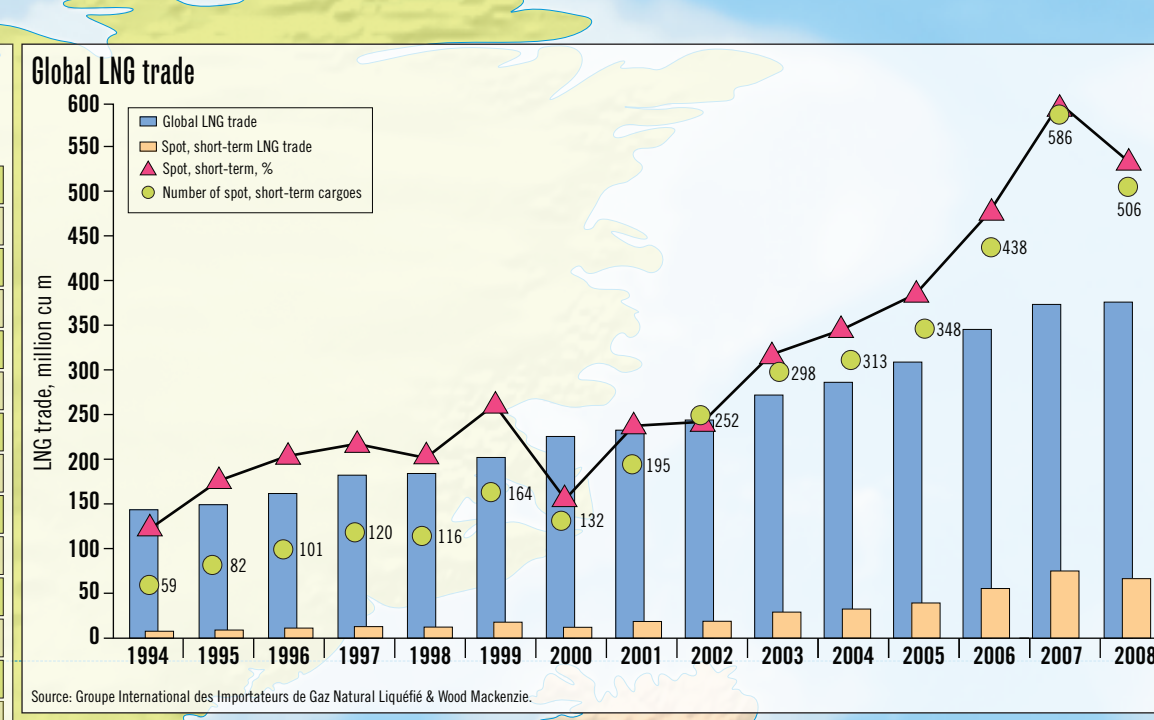
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#### LNG importing countries, 2008

Country	Million tonnes	Tcf	Part of total, %	Change from 2007, %
Japan	69.15	3.37	40.2	3.4
Korea	28.05	1.41	16.9	11.2
Spain	22.00	1.07	12.8	18.6
France	9.35	0.46	5.4	-2.8
Taiwan	9.15	0.45	5.3	9.8
India	8.30	0.40	4.8	5.3
US	7.00	0.34	4.1	-55.0
Turkey	3.91	0.19	2.3	-4.7
China	3.37	0.16	2.0	13.5
Mexico	2.65	0.13	1.5	42.4
Belgium	2.31	0.11	1.3	11.6
Portugal	2.05	0.10	1.2	-2.8
Italy	1.10	0.05	0.6	-36.6
UK	0.80	0.04	0.5	-21.1
Greece	0.74	0.04	0.4	8.8
Puerto Rico	0.57	0.03	0.3	13.2
Dominican Rep.	0.35	0.02	0.2	-16.6
Argentina	0.31	0.02	0.2	...
<b>Total</b>	<b>172.16</b>	<b>8.38</b>	<b>100.0</b>	<b>0.8</b>

#### LNG exporting countries, 2008

Country	Million tonnes	Tcf	Part of total, %	Change from 2007, %
Qatar	30.27	1.47	17.6	3.3
Malaysia	22.39	1.09	13.0	-1.1
Indonesia	20.14	0.98	11.7	-1.8
Nigeria	16.80	0.82	9.8	0.8
Algeria	16.02	0.78	9.3	-10.3
Australia	15.41	0.75	9.0	1.5
Trinidad & Tobago	13.00	0.63	7.6	-3.7
Egypt	9.98	0.49	5.8	-0.2
Oman	8.91	0.43	5.2	-6.3
Brunei	7.02	0.34	4.1	-0.6
Abu Dhabi	5.77	0.28	3.4	-1.2
Equatorial Guinea	3.34	0.16	1.9	202.8
Norway	1.63	0.08	0.9	1,180.5
US	0.73	0.04	0.4	-18.2
Libya	0.41	0.02	0.2	-30.7
<b>Total</b>	<b>171.82</b>	<b>8.37</b>	<b>100.0</b>	<b>-0.9</b>



#### Gas trade movements, 2008, LNG, billion cu m

Importing	Exporting country														Total imports by LNG carrier	
	US	Trinidad	Norway	Algeria	Egypt	Eq. Guinea	Libya	Nigeria	Abu Dhabi	Oman	Qatar	Australia	Brunei	Indonesia		Malaysia
Japan	0.97	0.67	0.17	1.12	2.21	1.64	2.36	7.41	4.25	10.91	15.94	8.22	18.79	17.47	...	92.13
South Korea	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	35.72
France	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12.59
Taiwan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12.87
India	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18.79
US	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8.94
Turkey	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5.31
China	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4.44
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.80
Portugal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.63
Belgium	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.48
Italy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.56
UK	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.94
Greece	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.94
Puerto Rico	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.81
Dominican Republic	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.47
Argentina	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.41
<b>Total exports</b>	<b>0.97</b>	<b>17.25</b>	<b>2.19</b>	<b>21.78</b>	<b>14.86</b>	<b>5.18</b>	<b>0.53</b>	<b>20.62</b>	<b>7.54</b>	<b>10.89</b>	<b>38.31</b>	<b>20.24</b>	<b>9.20</b>	<b>26.91</b>	<b>29.20</b>	<b>225.87</b>

### Offshore

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#### LNG liquefaction plants

Country	Location	Start-up year	Capacity (million ton/yr)
USA	Everett, Mass.	1971	6.1
USA	Northeast Gateway, offshore Mass.	2008	18.0
USA	Elba Island, Ga.	1979-80, 2003	2.0
USA	Lula Charles, La.	1982-83, 1989, 2006	14.3
USA	Cape Fear, N.C.	1974-85, 2003, 2009	20.0
USA	Gulf Gateway, offshore Louisiana	2005	13.0
USA	Freeport, Tex.	2008	10.0
USA	Rockport, La.	2009	11.0
USA	Rockport, La. expansion	2011	8.7
USA	Saline Pass, La.	2008, 2009	10.5
USA	Saline Pass, Tex.	2008	10.5
USA	Myrtle LNG, offshore Mass.	2010	3.0
USA	Paragould, Miss.	2003	3.0
USA	Corpus Christi, Tex.	190	0.8
USA	Corpus Christi, Tex.	190	0.8
USA	Port Arthur, Tex.	180	11.4
USA	Cameron, La.	180	25.1

#### LNG liquefaction plants (continued)

Country	Location	Start-up year	Capacity (million ton/yr)
Canada	St. John, NB	2009	1.5
Mexico	Altamira, Tamulipas	2006	3.0
Mexico	Ensenada, Baja California	2009	1.5
Mexico	Ensenada, Baja California expansion	2011	7.5
Mexico	Manzanillo	2001	3.8
Trinidad & Tobago	Point Fortin	1991	2.0
Trinidad & Tobago	Point Fortin	2005	5.38
Peru	Michivilla	2010	4.4
Chile	Quintero	2009	2.0
Chile	Mejillones	2010	1.5
Argentina	Bahia Blanca	2008	3.8-5.75

#### LNG conversions

LNG, million tonnes	LNG, billion cu m	Gas, billion cu m	Gas, million cu ft
1	0.0024	1.38	48.7
1	417	1	20,292
1	0.725	0.0017	35.3
1	0.0005	0.00005	0.0283

#### Worldwide natural gas reserves

Region	Country	Reserves (bcf)
Eastern Europe, FSU	Albania	50
	Azerbaijan	30,000
	Belarus	100
	Bulgaria	200
	Croatia	1,080
	Czech Republic	140
	Georgia	300
	Hungary	286
	Kazakhstan	85,000
	Kyrgyzstan	200
	Lithuania	500
	Poland	2,820
	Romania	5,225
	Russia	1,680,000
	Serbia	1,700
Slovakia	500	
Tajikistan	200	
Turkmenistan	34,000	
Ukraine	39,000	
Uzbekistan	65,000	
<b>Total Eastern Europe, FSU</b>	<b>2,005,781</b>	
Middle East	Abu Dhabi	198,500
	Bahrain	3,250
	Dubai	4,000
	Iran	991,600
	Iraq	111,580
	Israel	1,075
	Jordan	213
	Kuwait	62,860
	Northern Zone	1,000
	Oman	30,000
	Qatar	891,945
	Ras al Khaimah	1,200
	Saudi Arabia	257,570
	Sharjah	10,700
	Syria	8,500
Yemen	16,900	
<b>Total Middle East</b>	<b>2,591,853</b>	
Africa	Algeria	159,000
	Angola	9,530
	Benin	40
	Cameroon	4,770
	Chad	...
	Congo (former Zaire)	58
	Congo Brazzaville	3,200
	Egypt	58,500
	Equatorial Guinea	1,300
	Ethiopia	880
	Gabon	1,000
	Ghana	800
	Ivory Coast	1,000
	Libya	54,380
	Ecuador	315
Guatemala	1,000	
Mexico	13,162	
Norway	11,842	
Suriname	2,000	
Trinidad and Tobago	18,770	
Nigeria	184,160	
United States	237,726	
Venezuela	170,920	
<b>Total Africa</b>	<b>494,078</b>	
Asia-Pacific	Albania	50
	Australia	270
	Azerbaijan	2,165
	Belarus	100
	Bangladesh	245
	Brunei	6,200
	China	13,800
	Greece	1,080
	India	3,550
	Indonesia	37,560
	Iran	50,000
	Japan	81,680
	Malaysia	90
	Myanmar	10,000
	New Zealand	1,200
Pakistan	31,266	
Papua New Guinea	8,000	
Philippines	3,480	
Thailand	11,198	
Viet Nam	6,800	
<b>Total Asia-Pacific</b>	<b>430,412</b>	
Western Hemisphere	Argentina	15,600
	Barbados	5
	Belize	...
	Bolivia	26,500
	Canada	12,800
	Chile	57,906
	Colombia	3,460
	Costa Rica	3,739
	Cuba	2,500
	Ecuador	315
	Guatemala	1,000
	Mexico	13,162
	Peru	11,842
	Suriname	2,000
	Trinidad and Tobago	18,770
Nigeria	184,160	
United States	237,726	
Venezuela	170,920	
<b>Total Western Hemisphere</b>	<b>575,335</b>	
<b>Total World</b>	<b>6,254,363</b>	
<b>Total OPEC</b>	<b>3,216,020</b>	



#### LNG receiving terminals

Country	Location	Start-up year	Capacity (million ton/yr)
USA	Everett, Mass.	1971	6.1
USA	Northeast Gateway, offshore Mass.	2008	18.0
USA	Elba Island, Ga.	1979-80, 2003	2.0
USA	Lula Charles, La.	1982-83, 1989, 2006	14.3
USA	Cape Fear, N.C.	1974-85, 2003, 2009	20.0
USA	Gulf Gateway, offshore Louisiana	2005	13.0
USA	Freeport, Tex.	2008	10.0
USA	Rockport, La.	2009	11.0
USA	Rockport, La. expansion	2011	8.7
USA	Saline Pass, La.	2008, 2009	10.5
USA	Saline Pass, Tex.	2008	10.5
USA	Myrtle LNG, offshore Mass.	2010	3.0
USA	Paragould, Miss.	2003	3.0
USA	Corpus Christi, Tex.	190	0.8
USA	Corpus Christi, Tex.	190	0.8
USA	Port Arthur, Tex.	180	11.4
USA	Cameron, La.	180	25.1
Canada	St. John, NB	2009	1.5
Mexico	Altamira, Tamulipas	2006	3.0
Mexico	Ensenada, Baja California	2009	1.5
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Chile	Mejillones	2010	1.5
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