

APPENDIX G

LNG Liquefaction Capacity Under Construction,
October 2003 (online by 2007)

	Plant Capacity		Number of Trains	Lead Plant Operator	Anticipated Start-Up Date	Comments/Expansion Plans
	Million tons of LNG/year	Billion cubic feet of gas/year				
AFRICA						
<i>Egypt</i>						
Damietta	5.0	243.5	1	Seogas (Union Fenosa, EGPC)	2004	
Idku	3.6	175.3	1	Egyptian LNG (EGPC, EGAS, BG, Gaz de France, Petronas)	2005	Entire output contracted to Gaz de France. Complex can house up to six trains
Idku	3.6	175.3	1	EGPC, EGAS, BG, Petronas	2006	Contracted to BG – initially 100 percent for from 2007 up to 50 percent to Brindisi (Italy)
Total Egypt	12.2	594.1	3			
<i>Nigeria</i>						
Bonny Island	8.2	399.3	2	Nigeria LNG Plus (NNPC, Shell, Total, AGIP)	2005	
TOTAL AFRICA	20.4	993.5	5			
ASIA PACIFIC						
<i>Australia</i>						
Northwest Shelf Train 4	4.2	205	1	Northwest Shelf Venture (Woodside, Shell, BHP, BP, TexacoChevron, Mitsubishi, Mitsui)	2004	Output sold to Japanese buyers. Build-up 2004-2010. Surplus volumes during build-up sold to Shell and Korea Gas
Darwin	3.6	175	1	Darwin LNG (ConocoPhillips, Santos, Impex, Kerr-McGee, AGIP, Tokyo Gas, Tokyo Electric)	2004	Entire output committed to Tokyo Electric/Tokyo Gas
Total Australia	7.8	379.9	2			
<i>Malaysia</i>						
Malaysia LNG Tiga	3.4	165.6	1	Malaysia LNG Tiga (Petronas, Shell, Nippon Oil, Sarawak, Diamond Gas)	2003	Second train
TOTAL ASIA PACIFIC	16.0	545.4	3			

continued

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	Million tons of LNG/year	Billion cubic feet of gas/year				
EUROPE						
<i>Norway</i> Melkoye	4.1	199.7	1	Snohvit AG (Statoil, Total, Gaz de France, Norsk Hydro, Norwegian govt.)	2006	
<i>Russia</i> Sakhalin II	4.8	233.8	2	Shell, Mitsubishi, Mitsui	2007	First train 2007 (4.8 million tpy) second train 2008 (4.8 million tpy).
TOTAL EUROPE	4.1	233.8	2			
MIDDLE EAST						
<i>Oman</i> Galhat	3.3	160.7	1	Galhat LNG (Oman govt., Union Fenosa, Shell, Japanese and Korean cos.)	2006	
<i>Qatar</i> Ras Laffan	9.4	457.8	2	Ras Laffan II (QP, ExxonMobil)	2004	Train 1: Feb 2004 Train 2: Oct 2005
TOTAL MIDDLE EAST	12.7	618.5	3			
NORTH AND SOUTH AMERICA						
<i>Trinidad and Tobago</i> Atlantic LNG Train 4	5.2	253.2	1	BP, BG, RepsolYPF, NGC	2005	Gas producers will market own production. US likely to be main market.
TOTAL NORTH AND SOUTH AMERICA	5.2	253.2	1			
WORLD TOTAL	58.4	2,844.1	14			

Data from IEA 2003 *Natural Gas Information*, and updated based on trade press reports as assembled by the Gas Technology Institute.