

Nova Scotia Conventional Offshore Resource Estimates

Apr, 2008

			Discovered				Undiscovered								Produced	
							Risky				Unrisky					
Source	Date	Assessed Area	Gas In Place (Mean)	Gas Recoverable (Mean)	Oil In Place (Mean)	Oil Recoverable (Mean)	Gas In Place (Mean)	Gas Recoverable (Mean)	Oil In Place (Mean)	Oil Recoverable (Mean)	Gas In Place (Mean)	Gas Recoverable (Mean)	Oil In Place (Mean)	Oil Recoverable (Mean)	Gas	Oil
Energy, Mines and Resources Canada	1976	Scotian Shelf ⁵		1.1 tcf		100 million bbls		3.2 tcf		500 million bbls						
Energy, Mines and Resources Canada	1983	Scotian Shelf ⁵		4.126 tcf		91 million bbls		13.97 tcf		985 million bbls						
Energy, Mines and Resources Canada	1983	Georges Bank					6.6 tcf ⁶	5.3 tcf	3.5 billion bbls ⁹	1.06 billion bbls						
CNSOPB Technical Summaries	1997	Sable Subbasin	8.9 tcf	5.8 tcf	381 million bbls	188 million bbls										
CNSOPB	Dec-99	CoPan Completed													44.5 million bbls	
Canada Gas Potential Committee ⁰	2002	Sable Subbasin ¹					8.1 tcf	4.8 tcf								
Canada Gas Potential Committee	2002	Orpheus Graben ²					1.3 tcf	0.9 tcf ⁴								
Canada Gas Potential Committee	2002	Abenaki Subbasin ³					7.1 tcf	4.6 tcf ⁴								
CNSOPB Deep Water Slope Potential	Mar-06	Deep Water Slope					17.0 tcf	11.6 tcf	4.0 billion bbls	1.3 billion bbls	56.6 tcf	38.5 tcf	13.9 billion bbls	4.5 billion bbls		
CNSOPB Carbonate Bank Assessment ⁷	Mar-04	Carbonate Bank					2.7 tcf	1.8 tcf				3.6 tcf				
EnCana Deep Panuke Development Plan	Nov-06	Deep Panuke	1.0 tcf	.66 tcf												
CNSOPB	Sep-08	Sable ProjeT To Date													1.51 trillion ft ³	
Total Discovered Gas In Place			9.9 tcf													
Total Discovered Gas Recoverable				6.5 tcf												
Total Discovered Oil In Place					381 million bbls											
Total Discovered Oil Recoverable						188 million bbls										
Total Undiscovered Gas In Place							42.8 tcf									
Total Undiscovered Gas Recoverable								29.0 tcf								
Total Undiscovered Oil In Place									7.5 billion bbls							
Total Undiscovered Oil Recoverable										2.36 billion bbls						
Total In Place Gas, Discovered and Undiscovered (Includes Produced) ¹⁰		52.7 tcf														
Total Recoverable Gas, Discovered and Undiscovered (Includes Produced) ¹⁰		35.5 tcf														

Denotes Conceptual Plays

Denotes Historical Assessments not currently used for present day totals.

- 0 Canada Gas Potential Committee in Calgary disbanded in 2009.
- 1 Number of undrilled anomalies derived from 1999 anomaly map provided by the Petroleum Directorate.
- 2 Used anomaly mapping by GSC (Maclean and Wade 1992).
- 3 Used anomaly mapping by CNSOPB 1991, anomaly maps from Petroleum Directorate 1999, and GSC (Maclean and Wade 1992).
- 2 & 3 Portions of these basins lies outside of Nova Scotia's jurisdiction.
- 4 65% Recovery Factor
- 5 Area Assessed included continental shelf portion of eastern seaboard from the International Boundary SE of Nfld, including Bay of Fundy, Southern Gulf of St Lawrence, plus portions of the Maritimes Basin. The result (13 tcf, 1.9 billion bbls) is multiplied by 1/3 to estimate the combined discovered and undiscovered portion attributable to Nova Scotia. The discovered amounts were reported separately.
- 6 13 Significant Discoveries
- 7 Deep Panuke Development Plan 2006 OGIP P90 P50 P10 MEAN. (755 1016 1327 1027 BCF) Recoverable (407, 645, 931, 659 BCF)
- 8 80% Recovery factor.
- 9 30% Recovery factor.
- 10 Does not include Shelburne Basin, Sydney Basin, Bay of Fundy

Assessment Areas

- Sydney Basin → Not Assessed
- Magdalen Basin → Not Assessed
- Orpheus Graben → Undiscovered Potential
- LaHave Platform → Not Assessed
- Abenaki Basin → Undiscovered Potential
- Sable Basin → Discovered and Undiscovered
- Carbonate Bank → Discovered and Undiscovered
- Georges Bank → Undiscovered Potential
- Fundy Basin → Not Assessed
- Deep Water → Undiscovered Potential

