NRG ENERGY, INC. Form 424B3 December 20, 2005

Filed Pursuant to Rule 424(b)(3) Registration No. 333-123677

Prospectus Supplement No. 3 dated December 20, 2005 (To Prospectus dated June 2, 2005)

NRG Energy, Inc.

420,000 Shares of 4% Convertible Perpetual Preferred Stock 10,500,000 Shares of Common Stock issuable upon conversion of the Preferred Stock

This Prospectus Supplement supplements the prospectus dated June 2, 2005 (the Prospectus ) of NRG Energy, Inc., relating to the sale by certain of our stockholders (including their pledgees, donees, assignees, transferees, successors and others who later hold any of the selling stockholders interests) of up to 420,000 shares of preferred stock, or 10,500,000 shares of our common stock issuable upon conversion of the preferred stock. You should read this Prospectus Supplement in conjunction with the Prospectus, and this Prospectus Supplement is qualified by reference to the Prospectus, except to the extent that the information in this Prospectus Supplement supersedes the information contained in the Prospectus.

Investing in our preferred stock or common stock involves risks that are described in the Risk Factors section beginning on page 6 of the Prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this Prospectus Supplement is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this Prospectus Supplement is December 20, 2005

The table of selling stockholders contained in the Prospectus is hereby superseded by the following table.

	Securities Offered by									
		nip Before ering	the Pro	spectus (1)	Ownersl	Ownership After Offering (2)				
				0			% of			
Name	Preferred	Common (3)	Preferred	Commons (3)	PreferredC		Common			
1976 Distribution Trust	Preierreu	(3)	Preierreu	(3)	PreferredC	OHIHIOH	<b>(4)</b>			
FBO A.R.										
Lauder/Zinterhofer	6	150	6	150	0	0	0			
2000 Revocable Trust	Ü	130	Ü	150	· ·	O	Ü			
FBO A.R.										
Lauder/Zinterhofer	5	125	5	125	0	0	0			
Advent Claymore										
Enhance Growth &										
Income Fund	2,435	60,875	2,435	60,875	0	0	0			
Advent Convertible										
Master (Cayman), L.P.	6,723	168,075	6,723	168,075	0	0	0			
Alcon Laboratories	641	16,025	641	16,025	0	0	0			
AM International										
EMAC 63 Ltd.	790	19,750	790	19,750	0	0	0			
AM Master Fund I, LP	6,916	172,900	6,916	172,900	0	0	0			
Anthony Munk	607	15,175	607	15,175	0	0	0			
Arlington County										
Employees Retirement					_		_			
Systems	1,032	25,800	1,032	25,800	0	0	0			
Asante Health Systems	205	5,125	205	5,125	0	0	0			
BBT Fund, L.P.	8,850	221,250	8,850	221,250	0	0	0			
Boston Income										
Portfolio c/o Eaton										
Vance Management	1 255	21 275	1 255	21 275	0	0	0			
High Yield Group	1,255	31,375	1,255	31,375	0	0	0			
Citigroup Global Markets Inc.(5)	5,000	125,000	5,000	125,000	0	0	0			
City of New York Fire	3,000	123,000	3,000	123,000	U	U	U			
Dept Pension Fund										
High Yield	125	3,125	125	3,125	0	0	0			
City of New York	123	3,123	123	3,123	O	O	O			
Police Pension Fund										
High Yield	275	6,875	275	6,875	0	0	0			
City of New York	_,_	2,2.2		2,2.2						
Teachers Retirement										
System High Yield	375	9,375	375	9,375	0	0	0			
City University of New		,		,						
York	215	5,375	215	5,375	0	0	0			
CNHCA Master		-		-						
Account, LP	5,500	137,500	5,500	137,500	0	0	0			
	1,500	37,500	1,500	37,500	0	0	0			

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Coastal Convertibles Ltd.

Concentrated Alpha
Partners LP 6,750 168,750 6,750 168,750 0 0 0

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	Ownership Before Offering		Securitie	S Offered by	Ownership After Offering (2) % of			
			the Pro	spectus (1)				
Name	Preferred	Common (3)	Preferred	Commons (3)	PreferredC		Common (4)	
DBAG London	11,000	275,000	11,000	275,000	0	0	0	
Delaware Dividend	4 700	25 500	4 500	25 500	0	0		
Income Fund	1,500	37,500	1,500	37,500	0	0	0	
Delaware Public								
Employees Retirement Systems	1,857	46,425	1,857	46,425	0	0	0	
Deutsche Bank	1,037	40,423	1,037	40,423	O	U	U	
Securities Inc.	1,500	37,500	1,500	37,500	0	0	0	
Diversified High	1,000	27,200	1,000	27,000	Ü	Ü	· ·	
Yield Bond Fund c/o								
Eaton Vance								
Management High								
Yield Group	245	6,125	245	6,125	0	0	0	
Drawbridge	400	10.007	400	10.005	0	0		
Convertible I Ltd.	489	12,225	489	12,225	0	0	0	
Drawbridge Convertible II Ltd.	156	3,900	156	3,900	0	0	0	
Drawbridge Global	130	3,900	130	3,900	U	U	U	
Macro Masterfund								
Ltd.	3,310	82,750	3,310	82,750	0	0	0	
ELCA Unscreened	,	,	,	,				
High Yield	275	6,875	275	6,875	0	0	0	
Fidelity Financial								
Trust: Fidelity								
Strategic Dividend &	2 000	0= =00	2 000	0= =00	0	0		
Income Fund(6)	3,900	97,500	3,900	97,500	0	0	0	
Fore Convertible Master Fund, Ltd.	25,220	630,500	25,220	630,500	0	0	0	
Fore Erisa Fund, Ltd.	25,220	69,750	2,790	69,750	0	0	0	
Frontpoint Frontpoint	2,790	05,750	2,750	05,750	V	Ü	O .	
Convertible								
Arbitrage Fund LP	5,000	125,000	5,000	125,000	0	0	0	
GLG Market Neutral								
Fund	22,000	550,000	22,000	550,000	0	0	0	
Grace Convertible								
Arbitrage Fund, Ltd.	7,000	175,000	7,000	175,000	0	0	0	
Grady Hospital	201	5,025	201	5,025	0	0	0	
Guggenheim Portfolio Company								
VIII (Cayman) Ltd.	2,511	62,775	2,511	62,775	0	0	0	
Guggenheim	5,000	125,000	5,000	125,000	0	0	0	
Portfolio Company	2,000	123,000	2,000	125,000	V	Ü	O .	
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XXXI, LLC Hallmark Master Trust High Yield Fund c/o Eaton Vance Management High Yield Group

70 1,750 70 1,750 0 0

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			Securities	s Offerea by				
	Ownership Before Offering		the Pro	spectus (1)	Ownership After Offering (2) % of			
Name	Preferred	Common (3)	Preferred	Commons (3)	Preferred	Common	Common (4)	
HFR CA Opportunity	240	0.500	240	0.500	0	0	0	
Mgt. Trst.	340	8,500	340	8,500	0	0	0	
HFR CA Select Fund	750	18,750	750	18,750	0	0	0	
HFR RVA Combined	2 000	50,000	2 000	50,000	0	0	0	
Master Trust	2,000	50,000	2,000	50,000	0	0	0	
High Income Portfolio								
c/o Eaton Vance								
Management High	0.65	21.625	0.65	01.605	0	0	0	
Yield Group	865	21,625	865	21,625	0	0	0	
IAM National Pension	275	0.275	275	0.275	0	0	0	
Fund	375	9,375	375	9,375	0	0	0	
Independence Blue	(22	15 575	(02	15 575	0	0	0	
Cross	623	15,575	623	15,575	0	0	0	
Industriens	175	4 275	175	4 275	0	0	0	
Pensionsforsikring	175	4,375	175	4,375	0	0	0	
ING Convertible Fund	1,920	48,000	1,920	48,000	0	0	0	
ING CP Convertible	0.0	2 000	0.0	2 000	0	0	0	
Portfolio	80	2,000	80	2,000	0	0	0	
ING MFS Utilities	40	1 000	40	1 000	0	79.520	*	
Portfolio	40	1,000	40	1,000	0	78,520	*	
ING T. RowePrice								
Capital Appreciation	12 000	200,000	12 000	200,000	0	0	0	
Portfolio	12,000	300,000	12,000	300,000	0	0	0	
Intl Union of								
Operating Engineers (ENG) c/o Eaton								
Vance Management	15	375	15	375	0	0	0	
High Yield Group JHVST MidCap Value	13	3/3	13	3/3	U	U	U	
B	200	5,000	200	5,000	0	47,200	*	
JMG Capital Partners,	200	3,000	200	3,000	U	47,200	·	
•	2.250	50 750	2.250	50 750	0	0	0	
Inc JMG Triton Offshore	2,350	58,750	2,350	58,750	U	0	0	
Ltd.	2,850	71,250	2,850	71,250	0	0	0	
John Hancock Funds II	2,630	71,230	2,830	71,230	U	U	U	
Spectrum Income								
Fund	100	2,500	100	2,500	0	0	0	
John Hancock Trust	100	2,300	100	2,300	U	U	U	
Spectrum Income								
Trust	100	2,500	100	2,500	0	0	0	
John Hancock Trust	100	2,300	100	2,300	U	U	U	
Utilities Trust	100	2,500	100	2,500	0	131,140	*	
omnies must	100	2,500	100	2,500	U	131,140	·	

John Hancock Variable Series Trust I Mid Cap

Value 200 5,000 200 5,000 0 26,800

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	Ownership Before Offering		Securities	Offered by					
			the Pros	spectus (1)	Owne	Ownership After Offering (2) % of			
<b>Name</b> JP Morgan	Preferred	Common (3)	Preferred	Commons (3)	Preferred	Common	Common (4)		
Securities, Inc. Kamunting Street	2,500	62,500	2,500	62,500	0	0	0		
Master Fund, Ltd. KBC Financial	22,500	562,500	22,500	562,500	0	0	0		
Products USA, Inc. KDC Convertible	8,955	223,875	8,955	223,875	0	0	0		
Arbitrage Fund LP Laborers District Council &	3,000	75,000	3,000	75,000	0	0	0		
Contractors Pension FD of Ohio LIJ Invest Global	200	5,000	200	5,000	0	14,400	*		
High Yield	275	6,875	275	6,875	0	0	0		
Lyxor Lyxor/AM	465	11,625	465	11,625		0	0		
Investment Fund Ltd. Lyxor/Silverado	988	24,700	988	24,700	0	0	0		
Fund LTD	1,550	38,750	1,550	38,750	0	0	0		
Man Mac I, Ltd. McMahan Securities	9,390	234,750	9,390	234,750		0	0		
Co. LP MFS Utilities Fund, a Series of MFS	45	1,125	45	1,125	0	0	0		
Series Trust VI MFS Variable Insurance Trust	1,355	33,875	1,355	33,875	0	1,581,000	1.96%		
MFS Utilities Series MFS/Sun Life Series Trust:	820	20,500	820	20,500	0	853,900	1.06%		
Utilities Series MSS Convertible	324	8,100	324	8,100	0	355,700	*		
Arbitrage 1 National Bank of	20	500	20	500	0	0	0		
Canada New Orleans Firefighters	1,186	29,650	1,186	29,650	0	0	0		
Pension/Relief Fund New York City Employees Retirement Systems	126	3,150	126	3,150	0	0	0		
Enhanced Fund	475	11,875	475	11,875	0	0	0		

Newport Alternative Income Fund 2,972 5 2,972 74,300 74,300 0 0 0

	Ownership Before Offering		Securitie	s Offered by			
			the Pro	spectus (1)	Own	Ownership After Offering (2) % of	
Name NMS Services	Preferred	Common (3)	Preferred	Commons (3)	Preferred	Common	Common (4)
(Cayman) Inc. Northern Income	1,176	29,400	1,176	29,400	0	0	0
Equity Fund Occidental Petroleum	2,460	61,500	2,460	61,500	0	0	0
Corporation Pebble Limited	114	2,850	114	2,850	0	0	0
Partnership Penn Series Flexibly	2,083	52,075	2,083	52,075	0	0	0
Managed Fund Penn Series High	5,600	140,000	5,600	140,000	0	0	0
Yield Bond Fund PensionsInvest	200	5,000	200	5,000	0	0	0
Global High Yield PFA Invest Global	250	6,250	250	6,250	0	0	0
High Yield PIMCO Convertible	450	11,250	450	11,250	0	0	0
Fund Policeman and Fireman Retirement System of the City of	500	12,500	500	12,500	0	0	0
Detroit Pro-Mutual RWDSU Local 338 High Yield Fund c/o Eaton Vance	500 1,357	12,500 33,925	500 1,357	12,500 33,925	0	0	0
Management High Yield Fund S.A.C. Arbitrage	20	500	20	500	0	0	0
Fund, LLC Sage Capital	8,000	200,000	8,000	200,000	0	0	0
Management LLC Salomon Brothers Asset Management,	3,000	75,000	3,000	75,000	0	0	0
Inc.(7) SEPTA High Yield Fund c/o Eaton Vance Management	6,600	165,000	6,600	165,000	0	0	0
High Yield Fund Severn River Master Fund c/o Morgan	20	500	20	500	0	0	0
Stanley	1,000	25,000	1,000	25,000	0	0	0

Silver Point Capital							
Fund LP	1,365	34,125	1,365	34,125	0	1,008,208	1.25
Silver Point Capital							
Offhsore Fund, Ltd.	2,135	53,375	2,135	53,375	0	1,601,365	1.98
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	Ownership Before Offering		the Pros	spectus (1)	Ownership After Offering (2) % of			
		Common		Common			Common	
Name	Preferred	(3)	Preferred	(3)	Preferred	Common	<b>(4)</b>	
Silverado Arbitrage								
Trading, Ltd.	500	12,500	500	12,500	0	10,000	*	
SOCS Ltd.	10,000	250,000	8,000	200,000	2,000	50,000	*	
Sphinx Fund	140	3,500	140	3,500	0	0	0	
SRI Fund, L.P.	1,500	37,500	1,500	37,500	0	0	0	
Stanfield Offshore								
Leveraged Assets,								
Ltd.	10,500	262,500	10,500	262,500	0	430,713	*	
T. RowePrice								
Capital								
Appreciation Fund	33,600	840,000	33,600	840,000	0	0	0	
T. RowePrice High								
Yield Fund	4,350	108,750	4,350	108,750	0	0	0	
T. RowePrice								
Mid-Cap Value								
Fund	12,000	300,000	12,000	300,000	0	912,500	1.13%	
The New America								
High Income Fund	375	9,375	375	9,375	0	0	0	
TQA Master Fund,								
LTD.	870	21,750	870	21,750	0	0	0	
TQA Masters Plus					_	_		
Fund, LTD.	1,510	37,750	1,510	37,750	0	0	0	
TRP Institutional	2==	0.255	2==	0.255		0		
High Yield Fund	375	9,375	375	9,375	0	0	0	
TRP Invest Global	005	22.125	<b>7.</b>	1.075	0.50	21.250	ate.	
High Yield	925	23,125	75	1,875	850	21,250	*	
TRP SICAV Global								
High Yield Bond	1 105	20.125	1 105	20.125	0	0	0	
Fund	1,125	28,125	1,125	28,125	0	0	0	
Trustmark	393	0.925	393	9,825	0	0	0	
Insurance UBS AG London	393	9,825	393	9,823	U	0	U	
	5 000	125 000	5,000	125 000	0	0	0	
F/B/O HFS UBS AG London	5,000	125,000	5,000	125,000	0	0	0	
FBO PFEL	18,500	462,500	18,500	462,500	0	0	0	
UBS AG London	10,300	402,300	10,500	402,300	U	U	U	
FBO WCBP	7,000	175,000	7,000	175,000	0	0	0	
LDO MCDL	7,000	173,000	7,000	173,000	U	U	U	
			,					

		nip Before ering	the Pro	spectus (1)	Ownership After Offering (2) % of			
Name UBS O Connor LLC	Preferred	Common (3)	Preferred	Commons (3)	PreferredC	ommon	Common (4)	
F/B/O O Connor Global Convertiable Arbitrage Master								
Ltd. Volkswagen High Yield Bond Fund c/o Eaton Vance	5,000	125,000	5,000	125,000	0	0	0	
Management High Yield Group Whitebox Convertible Arbitrage Partners	10	250	10	250	0	0	0	
LP Whitebox Diversified Convertible Arbitrage Partners	26,000	650,000	26,000	650,000	0	0	0	
LP Xavex Convertible	5,000	125,000	5,000	125,000	0	0	0	
Arbitrage 7 Fund Zazove Converti	150	3,750	150	3,750	0	0	0	