Derivatives Dashboard

03/31	/2025
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Policy Counterparty (CP) Requirements		Hedging Position Summary (In Millions) Notional NTE			NTE	Collateral Summary				
Reporting Requirements Met	Yes (1) (2)	Futures Contracts, Financial	\$	10.72		Collateral Held by PEI on behalf of Counterparties	:			
CP Rating Qualification Met	Yes (2) (3) (4)	Forward Purchase, Physical ⁽⁵⁾		14.26		Rail Splitter Wind (HSBC Bank LOC)	\$	2,500,00		
Within CP NTE Limits	Yes (3) (6)	Solar PPAs ^{(2) (4)}		15.12	(14.81)	TransAlta (Bank of Nova Scotia LOC)	\$	25,000		
Under CP Concentration Limits	Yes					Northern Cardinal (Common Wealth Bank Australia LOC)	\$	1,000,00		
						Direct Energy/NRG (Deutsche Bank NY LOC)	\$	200,00		
						Mansfield Power (JPMorgan Chase Bank LOC)	\$	100,00		
		Total	\$	40.10 \$	(4.39)	Collateral Held by Counterparty on behalf of PEI:				
						Margin Exposure on Futures	\$	1,017,42		
Material Events Sin	ce Last Report	Counterparty (CP) Qualit	fication Risk	Management	Counterparty (CP) NTE Risk Management ^{(3) (6)}					
**None reported		The energy industry necessitated action by the PEI Board of Directors to approve a policy accepting a lower credit rating than the System policy to qualify CPs for physical hedges (forward purchases). This exception has been approved by the U of I System CFO in accordance with the University Policy. ⁽³⁾ Neither Rail Splitter nor Mansfield is rated but has provided a \$2.5 million LOC								
		from HSBC Bank and \$0.10 million L TransAlta's rating declined below acc \$25,000 LOC from the Bank of Nova Energy, through parent NRG, provide	eptable limits, Scotia to meet	so they have pro policy qualificati	vided a ons. Direct	BP, DTE, Constellation, and AEP provide recourse through Credit or Adequate Assurances provisions if reasonable grounds exist regarding unsatisfactory creditworthiness or performance. Others provided an LOC as collateral_noted in above Collateral Summary. It is incumbent upon PEI to				

Energy, through parent NRG, provided LOC from Deutsche Bank AG for \$0.2 million. Northern Cardinal is not rated but has PCG, LOC, and approved qualification exception.⁽⁴⁾ System and PEI policies require regular due diligence reviews of the financial strength of CPs by the hedging transaction originator ensuring compliance.

collateral, noted in above Collateral Summary. It is incumbent upon PEI to monitor and request Performance Assurance if a rating change triggers the policy collateral requirements.



Reported to the Board of Trustees May 22, 2025

University of Illinois System

Derivatives Dashboard

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Responsible Unit/Dept.	Counterparty (CP)	CSP Rated Entity/ Exchange	Bond Rating S&P / Moody's	Expires FY Range	Underlying Asset / Liability	Orig Contract	Current Notional / Contract In Millions	Market Value In Millions	*MTM or NTE ⁽⁵⁾⁽⁶⁾ In Millions	System Guarantee (Credit Limit) In Millions	PCG - LOC (Credit Limit) In Millions	CP Threshold (Collateral Requirements)
Financial Hedg	ges		Qualifying Rating A- / A3									
PEI Energy Futu	ires Contracts											
SO Utilities		InterContinental										None Exchange
Admin	StoneX Financial Inc.	Exchange (ICE)	A- / A3	2025-2028	Natural Gas	14.53	10.72	15.81	5.09			Traded
					SUBTOTAL	14.53	10.72		5.09			
Physical Hedg	es	Qualifying Rating (3)	BBB-/Baa3 or BB+/Ba1	with LOC or PCG								
PEI Energy Forv	ward Purchases											
SO Utilities	BP Canada Energy	BP Corporation North										Adequate
Admin	Marketing Corp	America, Inc. (PCG)	A- / A2	2025	Natural Gas	0.85	0.18	0.26	0.08	10.00	1.00	Assurance
SO Utilities	Direct Energy Business	Deutsche Bank AG, NY										
Admin	Marketing	Branch (LOC)	A / A1		Natural Gas	-	0.00	0.00	0.00	2.50	0.20	LOC
SO Utilities		DTE Energy Company										Adequate
Admin	DTE Energy Trading, Inc	. (PCG)	BBB+/Baa2	2025	Natural Gas	0.10	0.00	0.00	0.00	5.00	5.00	Assurance
SO Utilities	Interstate Gas Supply,											
Admin	LLC		NR NR	2025	Natural Gas	0.01	0.00	0.00	0.00			
SO Utilities	Mansfield Powers & Gas, LLC	, JPMorgan Chase Bank,	AA / Ac1	2025 2026	Natural Gas		1.00	1.00	0.00		0.40	LOC
Admin SO Utilities	Morgan Stanley Capital	NA (LOC)	AA- / Aa1	2025-2026	Natural Gas	6.09	1.36	1.99	0.63	5.00	0.10	LUC
Admin	Group, Inc.	Morgan Stanley (PCG)	A- / A1	2025-2029	Natural Gas	13.90	10.49	14.92	4.43	5.00	Unlimited	Rating Triggers
SO Utilities	Shell Energy North	Shell Energy North	A-1 A1	2020-2025	Natural Oas	15.50	10.43	14.32	4.45	5.00	Ommited	Rading mggers
Admin	America (US), L.P.	America (US), L.P.	A / A2		Natural Gas	-	0.00	0.00	0.00	5.00		Rating Triggers
SO Utilities	AEP Energy Partners	American Electric Power										0 00
Admin	Inc.	Co, Inc. ⁽⁶⁾	BBB+ / Baa2	2025	Electricity	0.70	0.15	0.14	(0.01)	0.50	0.10	Credit Assurance
SO Utilities	Constellation Energy	Constellation Energy			,							
Admin	Generation, LLC	Generation, LLC	BBB+/Baa1	2025	Electricity	2.13	0.50	0.45	(0.05)	5.00	Unlimited	Credit Assurance
SO Utilities	Morgan Stanley Capital											
Admin	Group, Inc.	Morgan Stanley (PCG)	A- / A1		Electricity	-	0.00	0.00	0.00	5.00	Unlimited	Rating Triggers
SO Utilities	TransAlta Energy	The Bank of Nova Scotia										
Admin	Marketing (US) Inc.	(LOC)	A+ / Aa2		Electricity	-	0.00	0.00	0.00	2.50	0.03	LOC
SO Utilities	Shell Energy North	Shell Energy North		0005	-							D.:. T.
Admin	America (US), L.P.	America (US), L.P.	A / A2	2025	Electricity	0.71	0.19	0.20	0.01	5.00		Rating Triggers
SO Utilities Admin	Rail Splitter Wind Farm LLC	HSBC Bank USA, (LOC)	A+ / Aa3	2025-2027	Electricity Renewable	2.12	1.39	1.62	0.24	2.50	2.50	LOC
Admin			A' / Adj	2023-2021	SUBTOTAL	2.12	14.26	1.63 19.59	5.33	2.50	2.50	200
Solar PPAs					SOBIOTAL	20.01	14.20	19.09	5.33			
UIUC Energy	Phoenix Solar South				Ele etricite :							
Services - SF1	Farms ⁽²⁾			12/20/2025	Electricity Renewable	13.76	1.18		(3.25)			
	i annis	Commonwealth Bank of	AA- / Aa1	12/20/2025	Renewable	13.76	1.18		(3.25)			
		Australia, NY Br. (LOC)	/ / / / / / / / / / / / / / / / / / /									
SO Utilities	Northern Cardinal Solar	Arevon Energy InvestCo	NR NR		Electricity							
Admin - SF2	SCS IL 1, LLC (4)	VII, LLC (PCG)		2/2021 - 2/2041	,	14.07	13.94		(11.56)	11.60	4.00	LOC, \$1M
					SUBTOTAL	27.83	15.12		(14.81)			
Crond Tatal					GRAND TOTAL		-		(4.39)			
Grand Total						\$ 68.97	40.10		(4.39)			

*Negative termination value, the System or PEI is obligated to the counterparty. (transaction is "underwater").

CP - Counterparty CSP - Credit Support Provider DUP - Derivatives Use Policy LOC - Letter of Credit NTE - Net Termination Exposure PCG - Parental Company Guarantee PEI - Prairieland Energy Inc. PPA - Power Purchase Agreement SO - System Offices WR - Withdrawn Rating

Footnotes:

(1) Policy exceptions approved by the CFO for Agriculture Property Services (APS) forward grain sales include release from counterparty credit rating, contract form, and monthly reporting requirements. APS reported \$0.00 in outstanding forward sales contracts as of 3/31/2025.

(2) In Dec 2015, UIUC issued a Power Purchase Agreement (PPA) in conjunction with their Solar Farm I. ERM learned of the PPA in July 2019 and began reporting the derivative Oct 2019. Since there is no CP risk, a policy exception was approved by the CFO for (a) minimum counterparty credit rating requirement, (b) required parental guarantee or LOC, and (c) minimum market capitalization requirement.

(3) Policy exceptions approved by the CFO for PEI include less restrictive CP credit rating for forward purchases and corresponding collateral requirements. For physical transactions, the PEI policy allows for unrated CP to qualify with LOC.

(4) On 10/3/19, a CP Exception for Urbana Solar Farm 2.0 was approved by the PEI Treasurer qualifying Northern Cardinal Solar SCSI IL 1, LLC (NCS) as a counterparty to be assigned the Power Purchase Agreement (PPA) for Solar Farm 2.0 from Sol Systems, LLC. This exception also qualified Capital Dynamics Clean Energy and Infrastructure VII JV, LLC as the guarantor for NCS. This exception also approved the PPA requirement for any unrated successor guarantor to qualify with \$100 million in tangible net worth. Contract term to 2/2/2041. CD Clean Energy and Infrastructure VII JV (InvestCo), LLC changed their name to "Arevon Energy InvestCo VII, LLC" and, notwithstanding such name change, all obligations of Guarantor under the Guaranty remain unchanged and in full force and effect.

(5) Contracted hedge prices on gas and electricity remain favorable to market prices overall. According to EIA estimates, the natural gas storage balance was 1,744 Bcf as of Friday, March 21, 2025. Stocks were 557 Bcf lower than last year at this time and 122 Bcf below the 5-year average of 1,866 BCF. There has been an increase in natural gas prices due to below average temperatures in January and February 2025, global impacts, demand and imposed tariffs. Due to the correlation of electricity prices to natural gas prices, electricity prices have also increased in the near term and remain higher in the outer years due to the expected cost of electric generation from natural gas and the forecasted increase in demand.

(6) Exposure to a CP is determined by the NTE value net of collateral and limited based on CP credit rating. The <u>PEI policy accepts \$10M exposure on BBB/Baa category</u> versus the University policy limit of \$0 on the same rating category. The PEI exposure limit difference to the university policy is an approved policy exception. DTE, AEP, and Constellation, all in the BBB/Baa category, currently have zero or negative NTE, meaning the University would pay the NTE to the CP if the contract ended.