

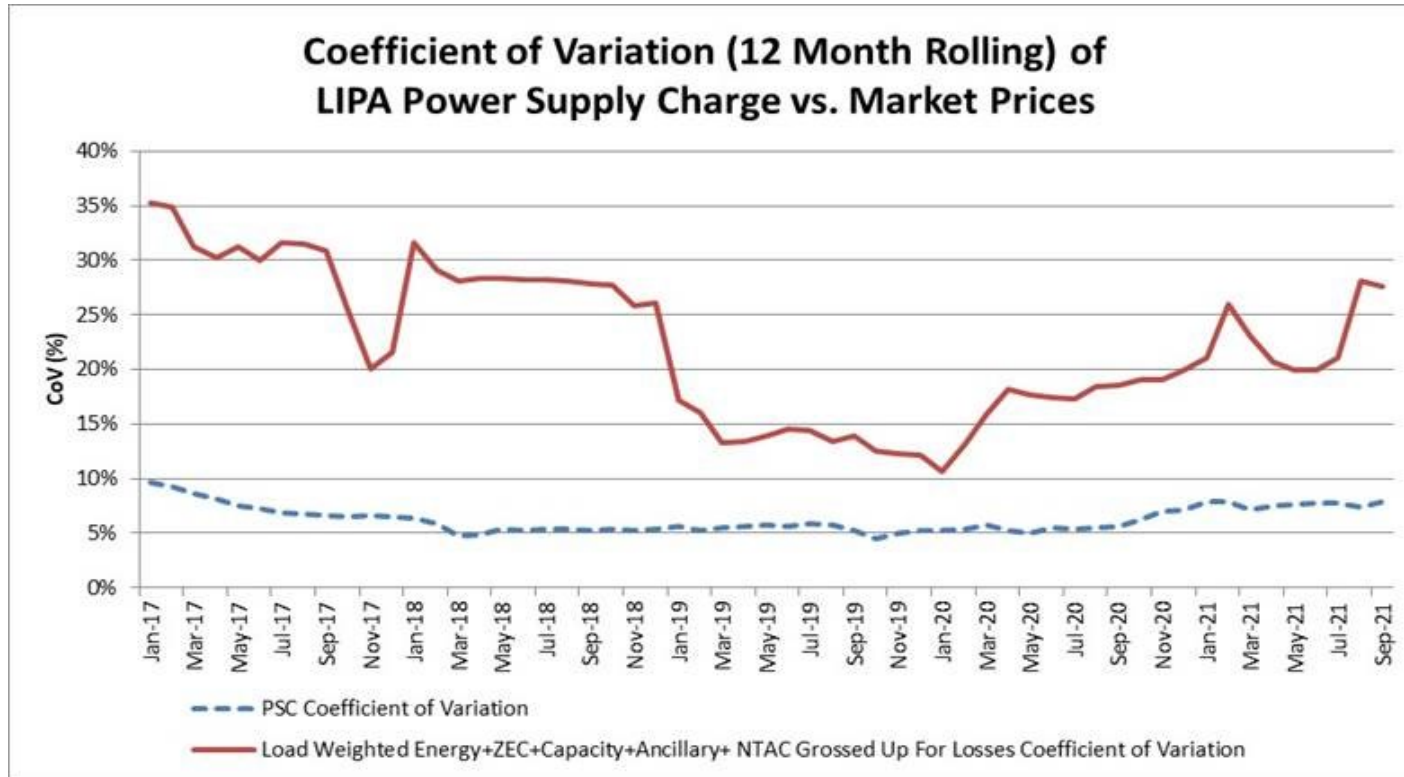


POWER SUPPLY HEDGING PROGRAM POLICY ANNUAL COMPLIANCE REPORT

November 17, 2021

MEETING THE BOARD POLICY OBJECTIVE

Objective: Mitigate a portion of Power Supply Charge (PSC) volatility



Hedging activity has resulted in PSC volatility through September 2021 at 8%, while wholesale spot market is more than 3x that at 27%

GOVERNANCE OF POWER SUPPLY HEDGING

Governance of the Power Supply Hedging Program

Power Supply Risk Management Committee (PRMC)

Must have at least 3 members, 2 from Senior Staff

- ✓ 9 LIPA Staff sit on the PRMC, chaired by the CFO and comprised of 5 Senior Staff
- ✓ PRMC meets monthly with the PSEG ER&T staff and discuss:
 - Current hedge position; market changes; counterparty credit health, compliance with the LIPA Hedge Plan protocols and limits stated in LIPA's Procedures Manual and review of quarterly benchmarking to ensure optimal Hedge Program performance
 - Conduct annual review of the internal Policy, Controls and Procedures Manual

Transparency of the Power Supply Hedging Program

- ✓ PSEG ER&T provides PRMC daily, weekly, and monthly hedging activity reports

KEY PROVISIONS OF THE POWER SUPPLY HEDGING PROGRAM POLICY

Maximum net hedge level: 90% of projected fuel and power needs

- ✓ Current yearly and individual monthly hedge levels are below 90%

| | Balance of 2021 | Calendar 2022 | Calendar 2023 | Calendar 2024 |
|-------------|--------------------|------------------|------------------|------------------|
| Hedge Level | 76% | 64% | 51% | 40% |

As of: Oct. 29, 2021

Maximum hedge term: 72 months

- ✓ PRMC approved hedge term is 48 months in LIPA Hedge Plan, currently hedges extend out 38 months to December 2024 and in January 2022 hedges will extend out 47 months

All hedges are for the purpose of appropriate risk mitigation

- ✓ Transactions are based on time or value triggers not market speculation

Counterparty Credit Review

- ✓ PSEG Credit Management reports credit exposure weekly and monthly and performs quarterly counterparty credit health review
- ✓ Currently there are no credit concerns with any of LIPA's financial counterparties

Questions?

FOR CONSIDERATION

November 17, 2021

TO: The Board of Trustees

FROM: Thomas Falcone

SUBJECT: Approval of the Annual Report on the Board's Policy on the Power Supply Hedging Program

Requested Action

The Board of Trustees (the "Board") of the Long Island Power Authority ("LIPA") is requested to adopt a resolution: (i) approving the annual report on the Board Policy on the Power Supply Hedging Program (the "Policy") for the period since the last annual review; and (ii) finding that LIPA has complied with the Policy, which resolution is attached hereto as **Exhibit "A"**.

Background

By Resolution No.1352, dated March 29, 2017, the Board adopted the Policy to maintain an effective commodity hedging program ("Program"), focused on meeting the expectations of LIPA's customers for reasonable stability and predictability in power supply costs. The Policy was last reviewed and amended by Resolution No. 1493, dated September 25, 2019.

The Finance & Audit Committee ("F&A Committee") of LIPA's Board, in its charter, was delegated the responsibility of reviewing LIPA's practices relating to commodity risk management. The F&A Committee considers as part of its review whether LIPA and its Service Provider, PSEG Energy Resources and Trade ("PSEG ER&T") has remained in compliance with the Policy. As set forth in the Policy, certain responsibilities were delegated by the Board to the Chief Executive Officer, including maintaining a Power Supply Risk Management Committee ("PRMC") to oversee the activities of PSEG ER&T.

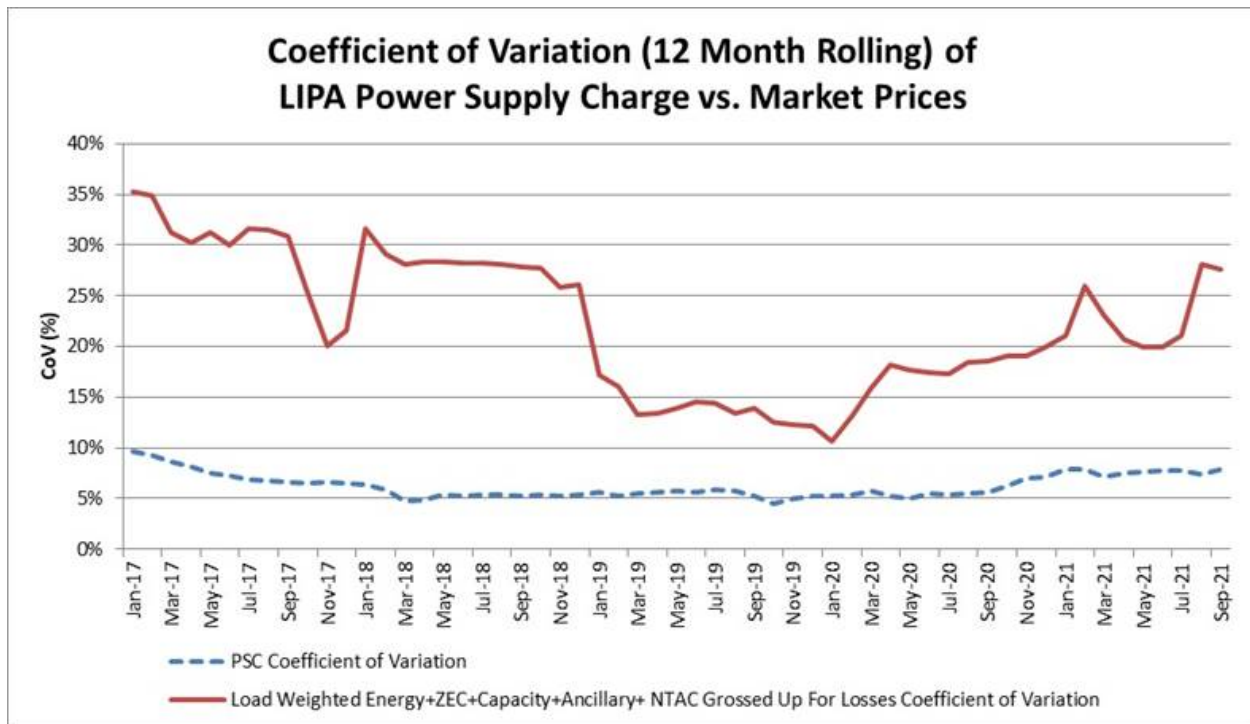
Specifically, the Policy provides that "the Chief Executive Officer, or his or her designee, will provide an annual compliance report on the Power Supply Hedging Program to the Finance and Audit Committee."

Compliance with the Policy

LIPA Staff recommends that, for the reasons set for below, the Board find that LIPA has complied with the objectives of the Policy for the period since the last annual review.

The Policy is intended to "Mitigate a portion of the volatility of power supply costs in a programmatic and reasonable way on behalf of the LIPA's customer-owners."

- The PRMC approves the LIPA Hedge Plan, which identifies certain power supply cost components that can be fixed to create reasonable and stable rates. In general, actively hedging these cost components has proven to reduce the Power Supply Charge (“PSC”) volatility compared to purchasing power and fuel in the open market. As part of its biannual Hedge Program update, on May 19, 2021, Mr. Steven Oster from PSEG ER&T presented to the F&A Committee a graph indicating the actual PSC volatility as compared to the volatility customers would be exposed to based upon unhedged market prices. The following graph reflects current data indicating that the LIPA’s PSC volatility through September 2021 is just below 8%, while market price volatility is more than three times that amount at 27%. Mr. Oster will present an updated PSC volatility graph at the F&A Committee’s December 15, 2021 meeting.



The Policy shall be “executed using financial derivative and physical supply and delivery contracts for a portion of LIPA’s projected fuel and purchased power purchases, provided, however that: the net hedge position does not exceed 90% of projected fuel and purchased power needs; and the term of any such hedge does not exceed ten years without the prior approval of the Board or a term in excess of seventy-two (72) months without the prior approval of the Finance and Audit Committee of the Board.”

- PSEG ER&T authorized traders to execute both financial and physical hedge transactions on LIPA’s behalf for defined volumes that as of December 1, 2021, would be within a 48-month hedge horizon. All transactions are monitored by PSEG Enterprise Risk Management Back-Office operations (“PSEG Back-Office”) for compliance; PSEG Back-Office generates and distributes hedge ratio position reports daily, weekly, and monthly to LIPA’s PRMC staff.

- Hedge transactions are triggered based on a time or value trigger protocol that has been established with an independent third-party hedge advisor. Time-trigger transactions allow for the accumulation of minimum required volume hedge levels under all price environments. Value-triggered transactions allow for the accumulation of additional hedge levels based on lower decile pricing levels of value versus four-year historical pricing. In addition, volumes associated with Board-approved Purchase Power Agreements (“PPAs”) having fixed prices and LIPA’s 18% ownership of Nine Mile Point 2 are included as part of the hedged volume. Currently, the PRMC has set a maximum hedge level limit of 85%.
- No hedges exceed a term of seventy-two months and the net hedge position does not exceed 90% of projected fuel and purchased power needs, meeting the requirements of the Policy.

The Policy states that the Program shall “Achieve appropriate risk mitigation and is not for purposes of financial speculation.”

- All transactions are based on PRMC Approved projected fuel and power requirements associated with LIPA-approved annual sales forecast. Specific power supply component volumes are also validated against historical actual consumption data. Each hedge transaction is reviewed by PSEG Enterprise Risk Management’s Middle-Office group (“PSEG Middle-Office”) for compliance to PRMC approved LIPA Hedge Plan and procedures.

The Policy states that the Program shall “Provide transparency regarding LIPA’s commodity risk management activities and the results of such activities.”

- PSEG ER&T, PSEG Back-Office, and PSEG Middle-Office provide to the PRMC staff on a daily, weekly, and monthly basis a hedge transaction report, hedge position report and position valuation report. In addition, the following table identifies several other required reports to the PRMC and LIPA’s F&A Committee, their distribution and reporting frequency, and the originator of the reports.

| Report | Distribution | Normal Frequency | Originator |
|------------------------------|---------------------|-------------------------|---------------------------------------|
| Trading Activity Summary | PRMC Traders | Daily Weekly | Front Office Middle Office |
| Position Report | PRMC Traders | Weekly | Middle Office |
| Credit Risk Exposure Reports | PRMC Traders | Weekly | Middle Office |
| PRMC Meeting Minutes | PRMC | As Meetings are Held | PRMC Designated Secretary |
| Benchmarking | PRMC | Quarterly | Independent third-party hedge advisor |

| | | | |
|------------------------------|---------------------------------|-------------|-----------------|
| Power Supply Hedging Program | Board Finance & Audit Committee | Bi-annually | PSEG ER&T |
| Annual Compliance Report | Board Finance & Audit Committee | Annually | CEO or Designee |

The Policy requires that “LIPA’s Chief Executive Officer shall appoint a Power Supply Risk Management Committee (“PRMC”) consisting of at least three LIPA staff, two of which must be drawn from LIPA senior management. The PRMC will establish, maintain, and monitor processes and controls, the conduct of LIPA’s Power Supply Hedging Program, and the activities of its Service Provider, PSEG Energy Resource and Trade (“PSEG ER&T”). The key provisions of the PRMC’s activities shall include”:

“Oversight and ensuring that all Program activities conducted by LIPA and PSEG ER&T are in accordance with the Board Policy.”

- LIPA’s CEO has established a PRMC in compliance with the Board Policy. All active participants of the Power Supply Hedging Program are required to read and comply with the PRMC Approved Policies, Controls and Procedures Manual for Power Supply Hedging Program (“Manual”), which incorporates the Board Policy. All active participants are required to certify compliance with the Manual and Policy by executing the Yearly Certification of Compliance with Risk Management Policy and Procedures Form.

“Determining LIPA’s tolerance for exposure to fuel and purchased power price movements and power supply cost volatility considering the costs of limiting such exposure.”

- The PRMC has approved a Manual for the hedging Program that establishes LIPA’s tolerance for exposure to fuel and purchased power price movements. The PRMC has established minimum and maximum hedging limits by time period as well as collateral posting limits.
- The cost of the hedging Program is evaluated each day in the form of mark-to-market value of the positions and stress testing collateral exposure potential of all positions executed to limit PSC volatility.

“Addressing all risk factors that are demonstrably quantifiable, actionable and material to the Program.”

- The PRMC approved Manual specifically identifies authorized markets and delivery points, permissible hedge instruments, and the terms and volumes available for hedging to reduce PSC volatility. Within the Manual, there is also a specific LIPA Hedge Plan that addresses the PSC hedge components that are quantifiable, actionable and there is market liquidity available to hedge the required products and delivery points (i.e. natural gas, gas basis, power, power basis).

“Establishing risk boundaries consistent with such tolerances and evaluating allowable financial and physical instruments in executing the Program.”

- The PRMC approved Manual specifically identifies authorized markets, delivery points, permissible hedge instruments, terms, and volumes associated with hedging to reduce PSC volatility. Within the Manual, there is also a specific LIPA Hedge Plan which addresses the minimum and maximum hedge levels by time-period – consistent with utility peers.

“Establishing appropriate processes and protocols to review and monitor counterparty credit worthiness on a regular basis.”

- The Manual identifies specific procedures carried out by PSEG Credit Risk Management on behalf of LIPA for managing and monitoring counterparty credit risk on an on-going basis. PSEG Credit Risk Management provides the PRMC with a credit report each week as noted above.

“Monitoring Commodity Futures Trading Commission rulemaking and all other regulatory and legal requirements to ensure that LIPA is taking all actions required to maintain compliance with respect to any transactions under the Power Supply Hedging Program.”

- PSEG ER&T, PSEG Corporate Legal department and LIPA’s internal and outside counsel monitor Commodity Futures Trading Commission regulatory rulemaking to determine what actions, if any, LIPA is required to undertake to assure continued compliance.

Annual Review of the Policy

The Policy was last amended by the Board pursuant to Resolution No. 1493, dated September 25, 2019, at which time the Policy was significantly updated. LIPA Staff has completed its annual review of the Policy and has no suggested amendments at this time.

Recommendation

Based upon the foregoing, I recommend approval of the above requested action by adoption of a resolution in the form attached hereto.

Attachments

Exhibit “A” Resolution

**RESOLUTION APPROVING THE ANNUAL REPORT ON THE BOARD POLICY ON
THE POWER SUPPLY HEDGING PROGRAM**

WHEREAS, the Board Policy on the Power Supply Hedging Program (the “Policy”) was originally approved by the Board of Trustees by Resolution No.1352, dated March 29, 2017; and

WHEREAS, the Policy was last reviewed and amended by Resolution No. 1493, dated September 25, 2019; and

WHEREAS, the Finance and Audit Committee of the Board of Trustees has conducted an annual review of the Policy and has recommended that the Policy has been complied with.

NOW, THEREFORE, BE IT RESOLVED, that consistent with the accompanying memorandum, the Board hereby finds that LIPA has complied with the Policy for the period since the last annual review and approves the annual report to the Board.

Dated: November 17, 2021