

A Project to Bury the India Point Power Lines

A joint project of the City of Providence, the City of East Providence & RI Energy

Legislative Update 4/23/25



Agenda

Review of proposal

Review of current legislation and planned amendments

Next steps

Rid Approach – Proposed Final Configuration



1. Line will be underground from **1** to **2** and **3** to **1**
2. Span across river from **1** to **3** will be overhead

Legislative Proposal

Legislation has been introduced in the House and the Senate

- H5637- Sponsor: Rep Dawson
- S 981- Sponsor: Senator Zurier

Proposed legislation achieves the following goals:

- Allows the reserved credit to be applied to this new hybrid solution
- Gives RI Energy and the Municipalities the opportunity to raise funds from outside sources to reduce the impact on rate payers
- Outlines that incremental costs of 2 undergrounding net of the customer credit will be allocated to each city based on the actual cost of the underground portions in each respective city. This would be reviewed by the PUC and charged to ratepayers over a period not less than 3 years.

Proposed Amendments

Following discussions with Friends of India Point Park, the legislation will be updated to include the following language:

Reverses the deletion of the following clause:

(c) Narragansett Electric Company shall be required to apply to the regional grid operator 32 or its successor organization for approval to charge New England regional network service 33 customers for the capital costs associated with the construction of Phase II overhead configuration 34 labeled the “North Bridge Alignment” as defined by the Settlement Agreement that was approved LC001794 - Page 3 of 5 1 by the Energy Facility Siting Board in Docket 2003-1

Next Steps

- Hearing will be held in House & Senate Municipal Government Committees
- Amendments will be submitted after the committee meeting

Appendices

Improved Rebuild Solution – Overhead Bridge Alignment South



- Vetted and approved solution as a result of EFSB and legal proceedings
- Removes OH crossing on 3 lattice structures and realigns OH along Washington Bridge
- Previously rebuilt section and span from **4** to **1** will be OH

ting Condition



Estimate – Hybrid Solution

Construction – Overhead Across River (*funding already secured*)

Due diligence, engineering, legal & permitting	\$ 200,000
Construction	\$ 2,300,000
Removal of existing line	<u>\$ 500,000</u>
SUB TOTAL	<u>\$ 3,000,000</u>

Construction – Convert Sections of Overhead to Underground

Due diligence, engineering, legal & permitting	\$ 1,500,000
Construction	<u>\$17,800,000</u>
SUB TOTAL	<u>\$19,300,000</u>

TOTAL ORDER OF MAGNITUDE COST \$22,300,000

Assumptions

Right of way costs (acquisition and landowner payment) have not been included within the estimate, as per the settlement agreement, these costs are the responsibility of the cities.

Costs shown are preliminary order of magnitude (OOM) and were prepared based on initial assessments of the work areas. Actual costs may be +30% /-

The overall construction cost estimate assumes that work will be conducted with the ongoing project to rebuild transmission line through E. Providence. If done separately, costs will increase



Cost Estimate per kWh East Providence & Providence

Estimated Incremental Cost for Hybrid Approach	\$19,300,000	Estimated Cost
Ratepayer Funded Overhead Alignment	(\$3,000,000)	
Reserved Credit Balance due to Ratepayers	(\$12,391,590)	
Funding Shortage	\$6,908,410	
Forecasted kWh deliveries 6/2024-5/2025	848,890,505	
General Cost per kWh	\$0.00814	
Residential Cost per kWh	\$0.01307	\$167/year
Small Commercial Cost per kWh	\$0.00950	\$308/year
Large Commercial Cost per kWh	\$0.00593	\$673/year

Notes/Assumptions

1. Legislation and/or regulatory approval to apply credit balance to project cost.
2. Cost split evenly between both cities.
3. Funding Shortage/Incremental Cost recovered in one year based on avg kWh per rate type, does not illustrate all types.

Cost Estimate per Customer East Providence & Providence

Description		Residential	Commercial	Total Cost
Total Estimated Funding Shortage	\$6,908,410			
Total Customers East Providence & Providence	103,217	88,452	14,765	\$6,908,410
Estimated Funding Shortage East Providence	\$750,000			
Total Customers East Providence	23,372	20,511	2,861	\$3,750,000
Estimated Funding Shortage Providence	\$6,158,410			
Total Customers Providence	79,845	67,941	11,904	\$7,158,410

Notes/Assumptions

Legislation and/or regulatory approval to apply credit balance to project cost.

Incremental cost split by benefit to each city.

Funding Shortage/Incremental Cost recovered in one year.