



**Indian Point
Closure Task Force**

Indian Point Closure Task Force

**May 31, 2017 | 7:00 PM
Cortlandt Town Hall**

Welcome and Introductions

Task Force Membership

State Representatives

- Assistant Counsel Zack Knaub, Office of the Governor
- Deputy Secretary for Education Jere Hochman
- Deputy Secretary for Energy and Financial Services
Adam Zurofsky
- Senator Terrence Murphy
- Assemblywoman Sandy Galef
- Department of Public Service
- Department of Environmental Conservation
- Department of Labor
- Department of State
- Department of Taxation and Finance
- Division of Homeland Security and Emergency Services
- Empire State Development
- New York Power Authority
- New York State Energy Research and Development
Authority

Local Representatives

- Linda D. Puglisi, Supervisor, Town of Cortlandt
- Catherine Borgia, Westchester County Board of
Legislators
- John G. Testa, Westchester County Board of Legislators
- Joseph Hochreiter, Superintendent, Hendrick Hudson
School District
- Theresa Knickerbocker, Mayor, Village of Buchanan

Labor Representatives

- Lou Picani, President, Teamsters Local 456
- James Slevin, Presidents Utility Workers Union of
America Local 1-2
- Thomas Carey, President, Westchester Putnam Central
Labor Council

About the Task Force

- Announced by Governor Cuomo February 28, 2017
- Codified in FY17-18 Budget
 - Convening Agency: Department of Public Service
 - Membership: Key State, Local, and Union Representatives
 - Report on Reuse Options by April 30, 2018
 - Annual progress reports through 2023
 - Three meetings per year through 2023

Agenda

- I. Welcome
- II. Background, Scope, and Goals
- III. Opening Remarks
- IV. Presentations and Discussion
 - A. Agreement Details
 - B. Energy Impacts
 - C. Reuse of Property
 - D. Decommissioning
 - E. Employment
 - F. Taxes
 - G. Local Economic Development
 - H. Additional Resources
- V. Next Steps
- VI. Set Date for Next Meeting
- VII. Process for Public Comment
- VIII. Adjourn



Early Successes of Task Force Members

The NYS budget enacted in April included several items to address local concerns:

1. Codifies the Task Force and requires study of re-use options
2. Adds additional \$15 million to the State's Power Plant Cessation Mitigation Fund starting in Fiscal Year 2020
3. Authorizes the Hendrick-Hudson School District to start a Reserve Fund

Opening Remarks

Opening Remarks

- Town of Cortlandt Supervisor Linda Puglisi
- Senator Terrence Murphy
- Assemblywoman Sandy Galef
- Village of Buchanan Mayor Theresa Knickerbocker
- Hendrick Hudson School District Superintendent Joseph Hochreiter
- Catherine Borgia, Westchester County Board of Legislators
- John G. Testa, Westchester County Board of Legislators
- Lou Picani, President, Teamsters Local 456
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Agreement Details

Agreement Summary

The results of the agreement provide many benefits to NYS, including but not limited to:

- **Entergy Commits to Environmental, Public Safety, and Inspection Actions:**
 - \$15M environmental protection and community benefit fund
 - Annual inspections conducted by NYS, including at refueling
 - Best practice storage of spent nuclear fuel
- **Limited Re-licensing Agreement and Settlement of Litigation:**
 - Entergy will submit a six-year license application to NRC. Entergy, New York State, and other organizations will terminate litigation against one another
 - The state retains authority to bring additional action against Entergy if new cases arise
- **Certainty and Time to Plan for Closure:**
 - Entergy has publicly stated that it intends to exit the merchant power business in the northeast; agreement eliminates this uncertainty to communities
 - Other nuclear facilities in U.S. have shut down with as little as 4 to 8 months notice

Energy Impacts

Indian Point Generation & Replacement Opportunities

Power Generation and Replacement

Indian Point Power Generation		
Facility	Capacity	Closure Date
Indian Point 2	1032 MW	April 30, 2020
Indian Point 3	1051 MW	April 30, 2021
Total:	2,083 MW	

Replacement Potential

>4,630 MW

Examples of Known Projects			
Project	Capacity	Fuel Type	Timeframe
Transmission Upgrades	600 MW	Transmission	In service via IP Contingency Plan
Dist. Resources	130 MW	CHP/CoGen, Efficiency	In service via IP Contingency Plan
Champlain Hudson	1,000 MW	Hydro	2022-23 subject to market decision
AC Transmission	1,000 MW	Wind/Hydro/Nuclear/Natural Gas	2023
New Renewables	>50 MW	Wind/Solar/Hydro/Biogas	Ongoing
Cricket Valley	1,100 MW	Natural Gas	Mid-2019 (in construction)
Bowline 3	750 MW	Natural Gas	w/in 30 mo. from market decision

The Indian Point Site

Reuse and Decommissioning

Reuse

- Issuing an RFP to engage consulting expertise to assist Task Force
 - national expert on nuclear decommissioning
 - advise on potential options and timelines
 - identify reuse and redevelopment opportunities
- Developing an overview of what's ahead
 - scope, timelines, and decision points
 - potential decommissioning scenarios and implications
 - focus on redevelopment and reuse

Decommissioning

NRC has established three decommissioning options or pathways for licensees:

- DECON: relatively quicker
- SAFSTOR: longer
- ENTOMB: potentially the longest

Entergy and NRC have not yet made a final determination of the ultimate decommissioning approach for the three Indian Point nuclear plants.

Employment

Labor Market Information,
Services and Resources



Employment Impact

- Full employment until last unit shutdown in 2021
- Currently, 961 Active Employees
 - 429 non-union
 - 532 Utility Workers Union and Teamsters
- Employment impact will be mitigated over time by gradual reductions
- Further steps will be taken to lessen impact:
 - Approximately 40% of employees will be eligible for retirement at proposed dates of closure
 - Entergy will offer jobs at other Entergy facilities (outside of NYS)
 - Given similar demographics at other plants, Exelon Nuclear will also offer employment
 - NY utilities will offer worker retraining programs to place personnel into NYS utility jobs



Proactive Reemployment Tools

- Rapid Response Team Members On Site
- Individual Career Counseling
 - Customized Résumé Development and Job Search Assistance
 - Job Referrals
 - Recruitment Events and Career Fairs
 - Interview Preparation
- New York State Career Centers
 - Resource Rooms and Workshops
 - Workshops



Expected Outcomes

- One-on-one meeting with career counselor
- Employment/career plan for every individual
 - Identification of job opportunities
 - Connection to skills training programs
 - Resume customization
 - Customized interview preparation advice
- Notification of relevant job fairs and other recruitment events
- Advocating and follow-up with businesses on behalf of worker

Additional Opportunities

Utility Companies

- Professional development opportunities

New York Power Authority

- Partner with NYS private utilities and power plant owners to identify recruiting opportunities for their skilled workforce needs
- Regularly distribute information to Indian Point staff about job postings and testing schedules for open positions

NYSERDA

- Retraining for opportunities in energy efficiency and renewable power generation
 - Time to plan and execute a comprehensive training program
 - Identify employees not retiring, relocating with Entergy/NYPA, or staying on for decommissioning
 - Conduct skills inventory with targeted group
 - Time to plan and develop custom and targeted curricula to prepare displaced workers for position in the green energy economy

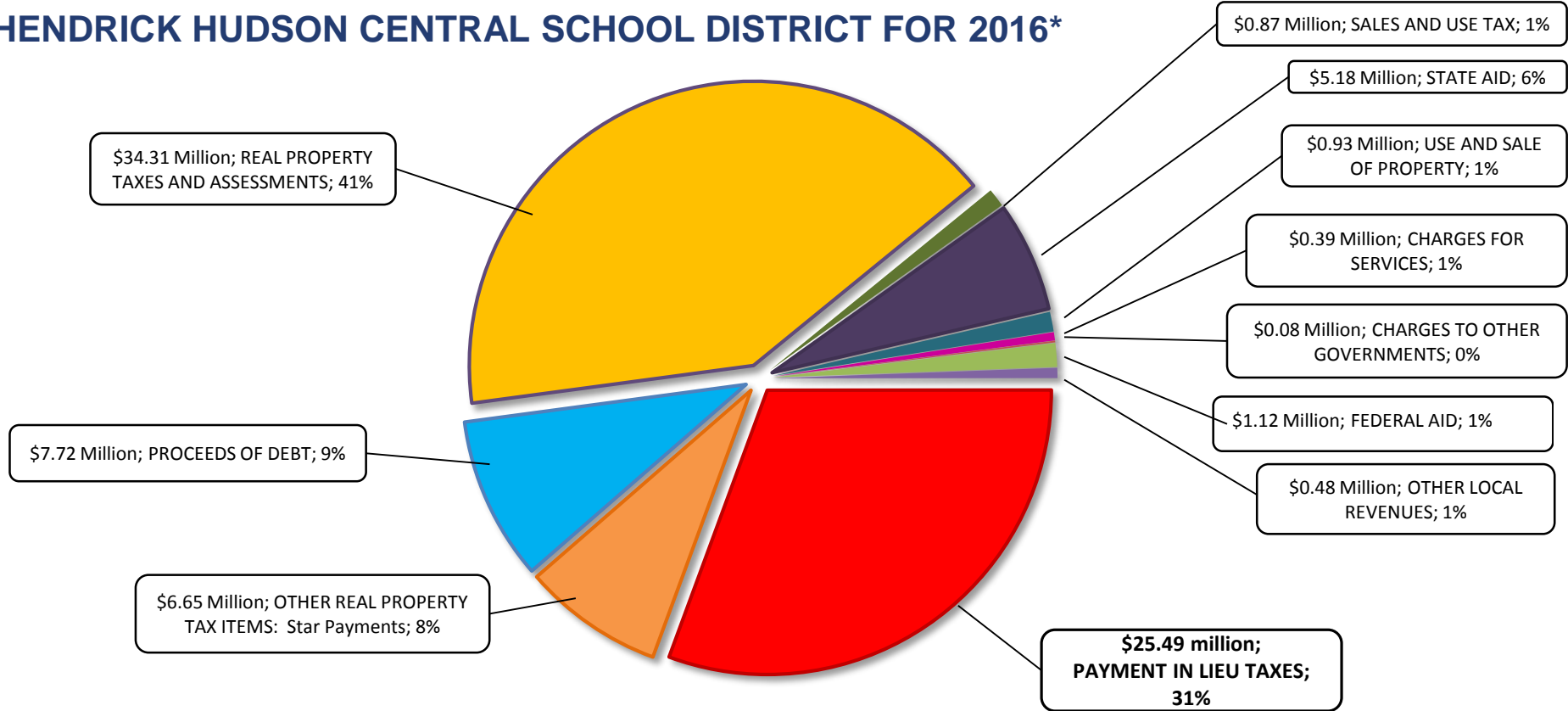
Tax Gap Analysis

District Impacts

- HHCS D
- Verplanck Fire
- Buchanan
- Cortlandt
- Westchester Co.



HENDRICK HUDSON CENTRAL SCHOOL DISTRICT FOR 2016*

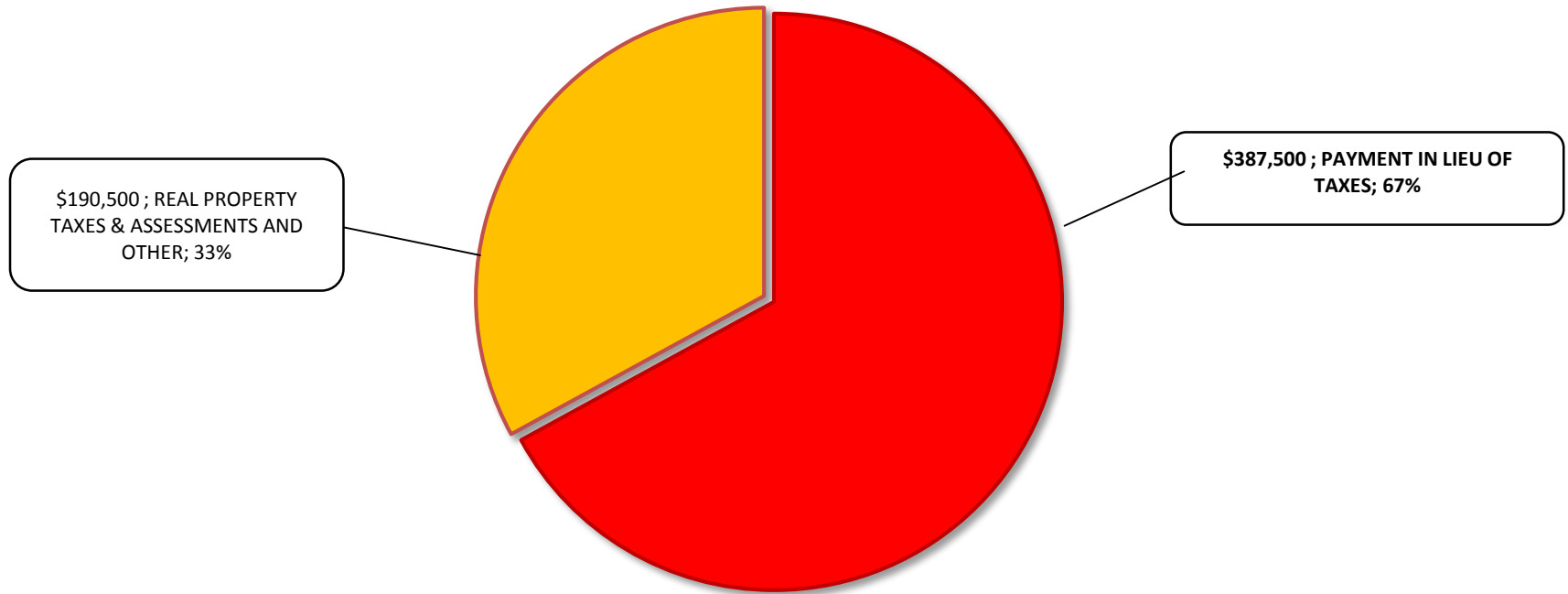


*Source: NYS Comptroller's Open Book



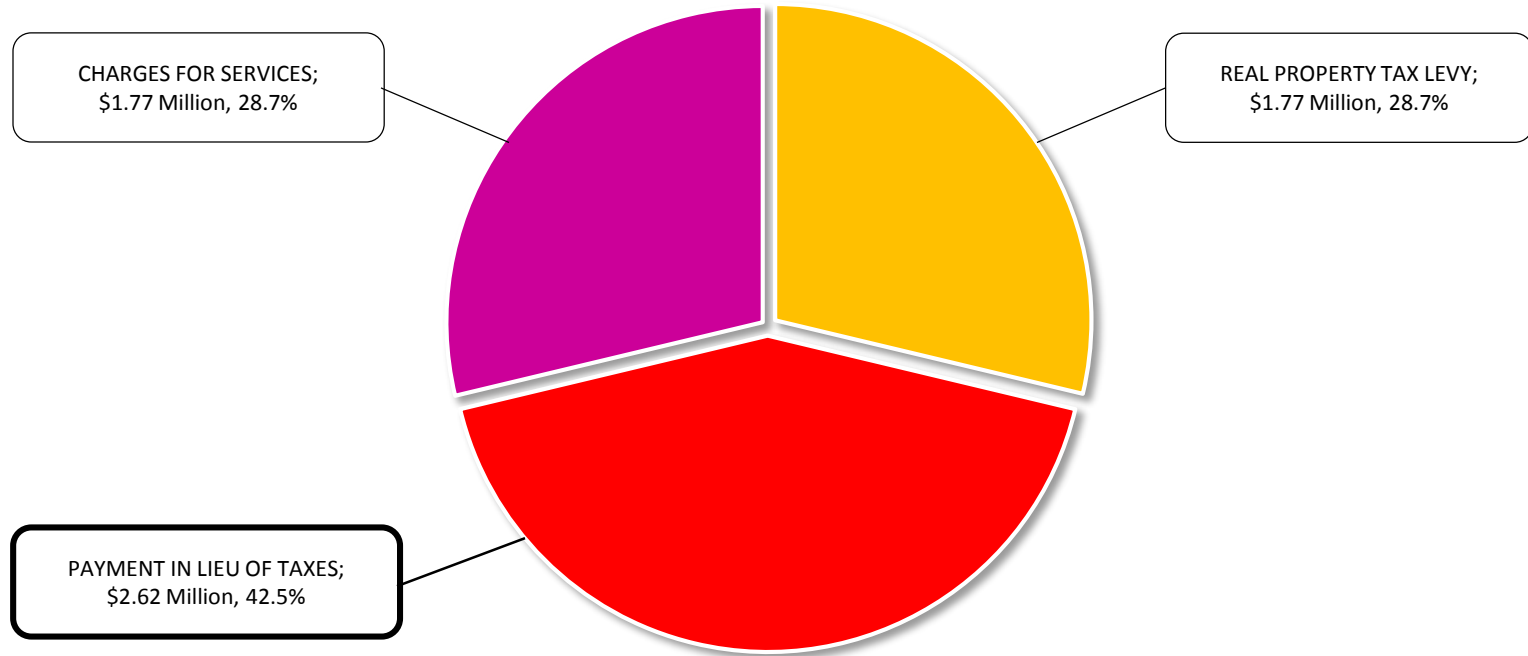
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VERPLANCK VOLUNTEER FIRE DISTRICT REVENUES FOR 2016*



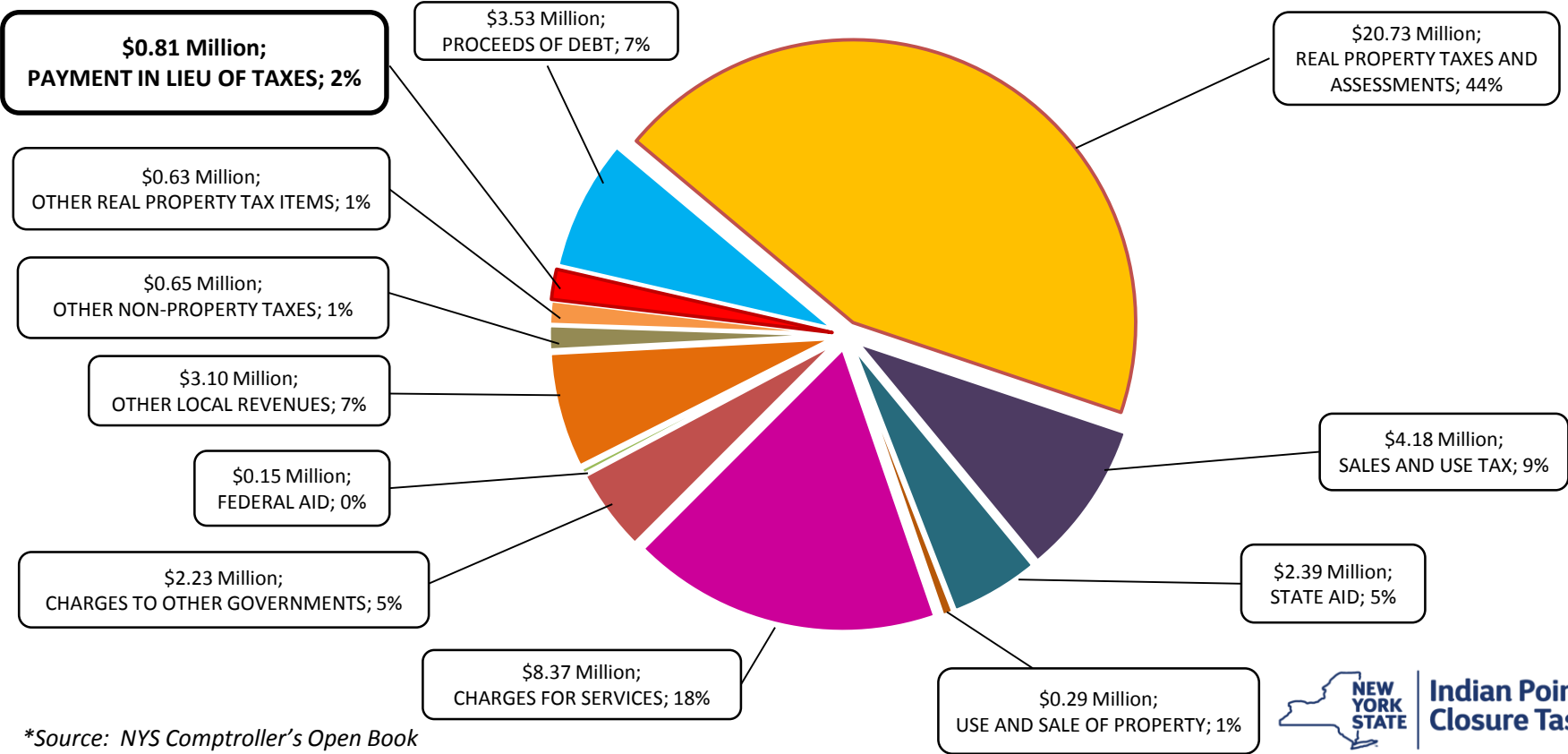
*Source: NYS Comptroller's Open Book

VILLAGE OF BUCHANAN REVENUES FOR 2016*



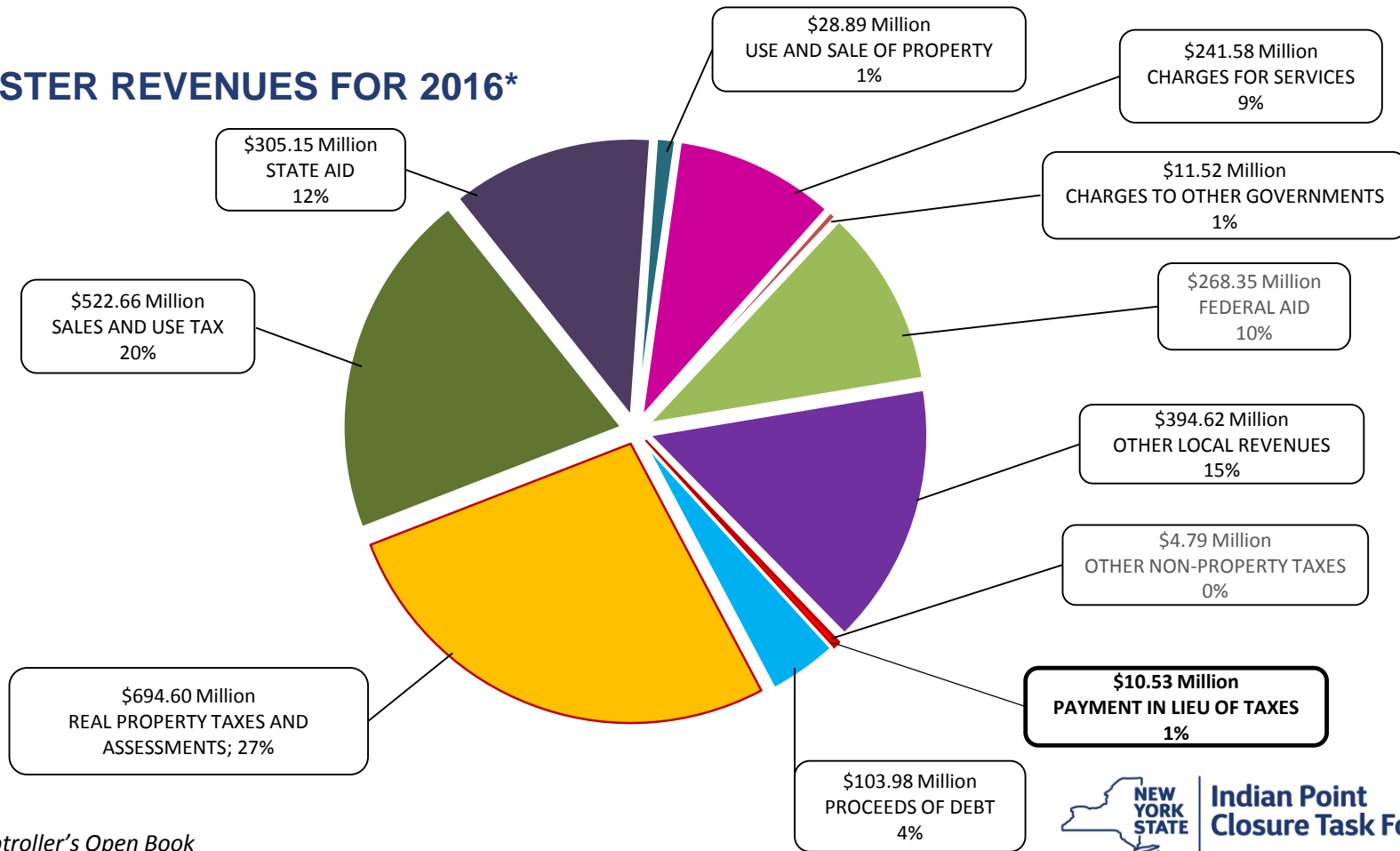
*Source: Village of Buchanan's 2016 Final Budget, dated April 12, 2016. Water Fund not included.

TOWN OF CORTLANDT REVENUES FOR 2016*



*Source: NYS Comptroller's Open Book

WESTCHESTER REVENUES FOR 2016*



*Source: NYS Comptroller's Open Book



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Economic Development

Services, Resources and
Opportunities

Relief and Capacity Building

Electric Generation Facility Cessation Mitigation Program

Grant funding for eligible local government entities demonstrating qualifying property tax reductions owed by an electric generation facility subject to their taxing authority.

- \$30 million program (increases by additional \$15 million in 2020)
- Tax Loss must be 20% or more and a direct result of an electric generation facility ceasing operation
- Awards are over 7 years with up to 80% of the Tax Loss provided in the first year, declining by 10% every year over the seven year period

Regional Economic Development Council Initiative (REDC)

Established in 2011, the program allocates \$750 million annually for regionally significant projects. Councils are established in every region representing local experts and stakeholders from business, academia, local governments and NGOs. Projects are awarded annually with decision making shared between the State and REDCs.



Additional Programs, Resources, and Technical Assistance

Grant Opportunities

Department of Environmental Conservation

- Trees for Tribes
- I FISH NY Education Program
- Climate Smart Communities Grant Program*
- Hudson River Estuary Program*

Department of State

- Local Waterfront Revitalization Program
- Brownfield Opportunity Areas
- Local Government Efficiency



Energy Programs

- Utility companies offer economic development programs
- NYSERDA is identifying all energy savings and renewable energy/ economic development program opportunities for local communities
- Potential for local incentives and economic stimulus from renewable energy and energy efficiency projects/programs:
 - REV Demonstration Projects
 - Energy efficiency opportunity zones
 - Hendrick Hudson school system
 - Clean Energy Communities
 - Community Distributed Generation Zones

Technical Assistance (DOS)

- Office of Planning and Development and Division of Local Government Services Planning assistance
- Comprehensive Planning
- Local Waterfront Revitalization
- Brownfield opportunity
- Reuse planning
- Local Government Efficiency



Training (DOS)

- Comprehensive Planning
- Land Use Planning

Additional resources to Community (DOS)

- Collaboration with DOL for Corporations and Licensing
- Office for New Americans
- Community Services
- Consumer Protection



Next Steps

Set Next Meeting

Proposed Date:

Thursday, September 28

Public Comment

Internet: <http://www.dps.ny.gov>

- Click “Indian Point Closure Task Force”
- Click “Post Comments”

E-mail: Secretary to the Commission
(secretary@dps.ny.gov)

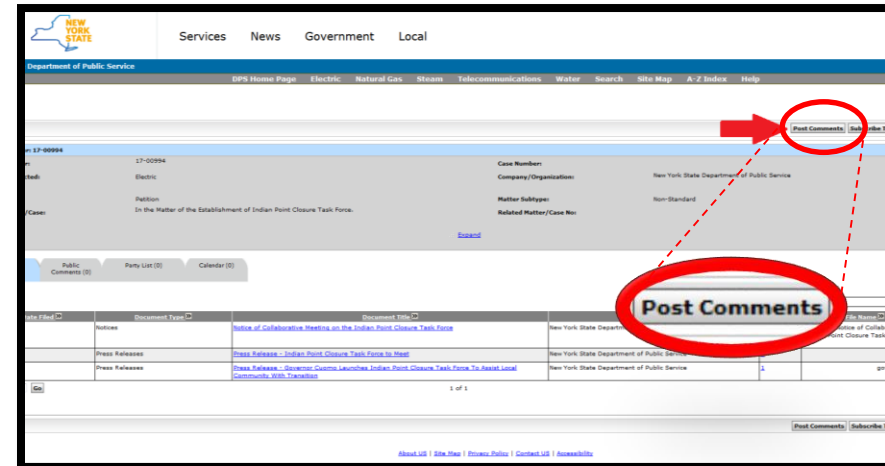
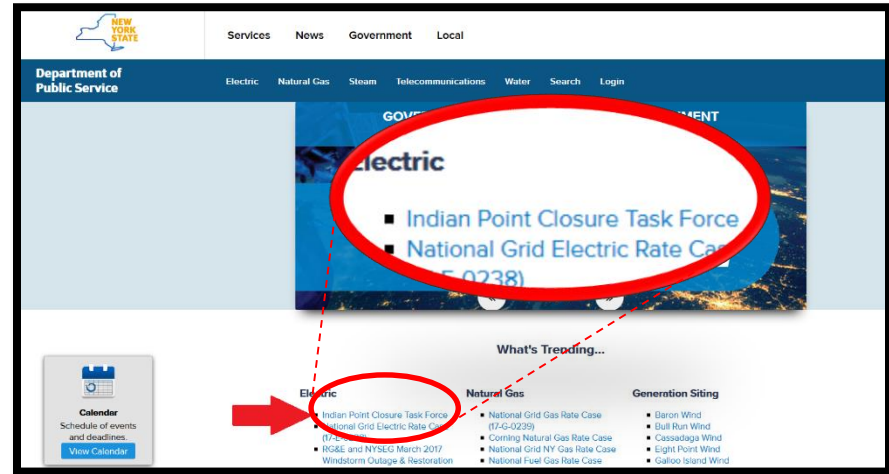
Mail:

Hon. Kathleen H. Burgess, Secretary
Public Service Commission
Three Empire State Plaza
Albany, New York 12223-1350

Toll-Free Opinion Line:

1-800-335-2120

- Press “1” to leave comments
- Mention matter #17-00994, “Indian Point Task Force”



Meeting Adjourned