



# **WAPA...**

## Working for You!

**VIWAPA 2020 FALL REVENUE ESTIMATING CONFERENCE PRESENTATION**

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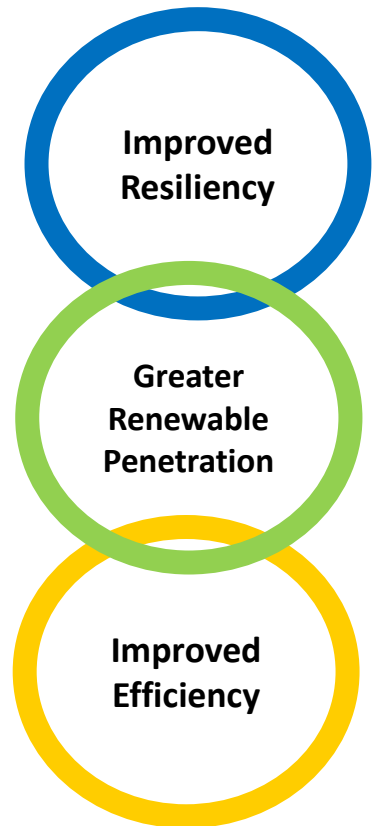
**WAPA TRANSFORMATION PLAN**

**DECEMBER 2, 2020**



# Transformation Plan (FY2020 – FY2024)

2020 Fall Revenue Estimating Conference Presentation



- Mitigation Projects (FEMA/HUD Funded)
  - Underground projects – 50% of customers will have underground power.
  - Composite pole projects in STX, STJ, STT and Water Island.
  - Substation Upgrades, undersea cables, AMI Network Hardening.
  - St. John Emergency Generators.
- Maximize Renewables with Battery Storage (HUD Funded)
  - Currently 4 MW Utility Scale (STX) (Renewable Penetration: 1.4%)
  - Target 25% Renewable Penetration by FY2024
    - 84% of Peak Demanded Generating Capacity (Per ACT 7075, >30% by Jan. 1, 2025).
- Efficient Generation (HUD Funded)
  - All generation will be upgraded to smaller, more efficient and renewable compatible generators using clean burning propane as primary fuel.
    - Currently 21 MW in STT (50% of current avg. load) / 20 MW in STX (65% of current avg. load)



## EXHIBIT C

c/ To be funded from PC Lumpsum  
v/ To be funded from Vehicle Lumpsum  
f/ To be funded from Furniture & Equipment Lumpsum

Virgin Islands Water and Power Authority



**ELECTRIC CAPITAL, FISCAL YEAR 2021**  
POWER PRODUCTION DIVISION - ST THOMAS

**EXHIBIT C**

PRIORITY RANK/ PROJECT NAME	BUDGET NUMBER	TOTAL PROJ. COST	WAPA	FUEL TAX	LPG	BONDS	CUSTOMER CONTRIBUTIONS	FEMA	LINE OF CREDIT	HUD/BBA	FY 2021 COST
<u>Emergency Generator Unit 23 Replacement</u>		300,000						270,000			270,000
<u>Fuel Tank Inspection &amp; Repair</u>		500,000						95,000			95,000
<u>Navy Bldg Repair Roof/Plant Turbine Bldg Roof</u>		240,000						240,000			240,000
<b>TOTAL</b>		1,040,000	-	-	-	-	-	605,000	-	-	605,000

c/ To be funded from PC Lumpsum  
v/ To be funded from Vehicle Lumpsum  
f/ To be funded from Furniture & Equipment Lumpsum

<b>Labor Cost Capitalized:</b>	
Production Maintenance	129,000
Project Management	195,000
Fringe Benefits	180,874
<b>Total</b>	<b>\$ 504,874</b>



## EXHIBIT C

c/ To be funded from PC Lumpsum  
v/ To be funded from Vehicle Lumpsum  
f/ To be funded from Furniture & Equipment Lumpsum

Virgin Islands Water and Power Authority



**ELECTRIC CAPITAL, FISCAL YEAR 2021**  
**DESIGN & CONSTRUCTION - ST CROIX**

									<b>EXHIBIT C</b>
PRIORITY RANK/ PROJECT NAME	BUDGET NUMBER	TOTAL PROJ. COST	WAPA	LINE LOSS	GRANTS	RFM	FEMA/HUD	LINE OF CREDIT	FY 2021 COST
St. Croix Underground Project		307,950,000					50,916,666		50,916,666
Composite Pole Installation Project		176,000,000					88,000,000		88,000,000
<b>TOTAL</b>		483,950,000	-	-	-	-	138,916,666	-	138,916,666

c/ To be funded from PC Lumpsum  
v/ To be funded from Vehicle Lumpsum  
f/ To be funded from Furniture & Equipment Lumpsum

<b>Labor Cost Capitalized:</b>	
Design and Construction	268,000
Electrical Distribution STX	7,750
Fringe	140,426
<b>Total</b>	<b>\$ 416,176</b>



**ELECTRIC CAPITAL, FISCAL YEAR 2021**  
DESIGN & CONSTRUCTION - ST THOMAS

**EXHIBIT C**

PRIORITY RANK/ PROJECT NAME	BUDGET NUMBER	TOTAL PROJ. COST	WAPA	LINE LOSS	GRANTS	FEMA/HUD	LINE OF CREDIT	FY 2021 COST
<b>TRANSMISSION &amp; DISTRIBUTION:</b>								
<u>Feeder 9A Underground Phase II</u>		1,165,000			500,000			500,000
<u>Mainstreet Enhancement</u>		100,000			100,000			100,000
<u>Veterans Drive Phase I</u>		220,000			220,000			220,000
<u>Composite Pole Installation Project - STJ</u>		96,000,000				48,000,000		48,000,000
<u>Composite Pole Installation Project - STT</u>		176,000,000				88,000,000		88,000,000
<u>Cruz Bay Underground Project</u>		87,000,000				43,500,000		43,500,000
<u>St. Thomas Underground Project</u>		150,200,000				5,100,000		5,100,000
<b>TOTAL</b>		510,685,000	-	-	820,000	184,600,000	-	185,420,000

c/ To be funded from PC Lumpsum

w/ To be funded from Vehicle Lumpsum

f/ To be funded from Furniture & Equipment Lumpsum

**Labor Cost Capitalized:**

Desing & Construction	255,000
STT & STJ Line Dept.	13,750
Fringe	137,693
<b>Total</b>	<b>\$ 406,443</b>



**ELECTRIC CAPITAL, FISCAL YEAR 2021**  
**SYSTEM PLANNING - ST THOMAS**

**EXHIBIT C**

PRIORITY RANK/ PROJECT NAME	BUDGET NUMBER	TOTAL PROJ. COST	WAPA	GRANTS	FEMA HUD	LINE OF CREDIT	FY 2021 COST
<b>TRANSMISSION &amp; DISTRIBUTION:</b>							
1. <u>GIS Mapping Post Storm</u>		5,000,000			2,500,000		2,500,000
4. <u>Leidos Submarine Cable Study</u>		1,000,000			604,000		604,000
<b>TOTAL</b>		<b>6,000,000</b>	<b>-</b>	<b>-</b>	<b>3,104,000</b>	<b>-</b>	<b>3,104,000</b>

c/ To be funded from PC Lumpsum

v/ To be funded from Vehicle Lumpsum

f/ To be funded from Furniture & Equipment Lumpsum

**Labor Cost Capitalized**

System Planning	\$ 20,000
T&D Automation & Operation - STX	
T & D Automation & Operation - STT	
St. John Line	
Electrical Distribution - STT	
Fringe	8,377
<b>Total</b>	<b>\$ 28,377</b>





**ELECTRIC CAPITAL, FISCAL YEAR 2021**  
TRANSMISSION & DISTRIBUTION - SUBSTATION - ST THOMAS

**EXHIBIT C**

PRIORITY RANK/ PROJECT NAME	BUDGET NUMBER	TOTAL PROJ. COST	WAPA	GRANTS	RUS LOAN	FEMA HUD	LINE OF CREDIT	FY 2021 COST
<u>East End Substation Mitigation Project</u>		10,043,998				5,862,806		5,862,806
<u>Donald Francois Substation Mitigation Project</u>		11,218,880				3,000,000		3,000,000
<u>St. John Substation Mitigation Project</u>		12,586,237				1,380,887		1,380,887
<u>Installation of Back-up Emergency Generators Mitigation Project</u>		632,100				316,050		316,050
<u>Tutu Substation Mitigation Project</u>		8,500,000				850,000		-
								850,000
<b><i>TOTAL</i></b>		42,981,215	-	-	-	11,409,743	-	11,409,743

c/ To be funded from PC Lumpsum  
v/ To be funded from Vehicle Lumpsum  
f/ To be funded from Furniture & Equipment Lumpsum

<b>Labor Cost Capitalized:</b>	
Substation	50,554
T&D Automation & Operation - STX	
Fringe	24,633
<b>Total</b>	<b>\$ 75,187</b>



**ELECTRIC CAPITAL, FISCAL YEAR 2021**  
PROJECT MANAGEMENT DEPARTMENT - ST. CROIX

**EXHIBIT C**

PRIORITY RANK/ PROJECT NAME	BUDGET NUMBER	TOTAL PROJ. COST	WAPA	LINE LOSS	FEMA HUD	LINE OF CREDIT	FY 2021 COST
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**PROJECT MANAGEMENT**

8. <u>15KV GIS Switchgear Upgrade</u>		500,000			500,000		500,000
TOTAL		500,000	-	-	500,000	-	500,000

c/ To be funded from PC Lumpsum

v/ To be funded from Vehicle Lumpsum

f/ To be funded from Furniture & Equipment Lumpsum

<b>Labor Cost Capitalized:</b>	
Project Management	\$ 217,750
Substation	17,000
Desing & Construction - STX	70,000
Desing & Construction - STT	55,000
Fringe	156,524
<b>Total</b>	<b>\$ 516,274</b>



**ELECTRIC CAPITAL, FISCAL YEAR 2021**  
**PROJECT MANAGEMENT DEPARTMENT - ST. THOMAS**

**EXHIBIT C**

PRIORITY RANK/ PROJECT NAME	BUDGET NUMBER	TOTAL PROJ. COST	WAPA	LINE LOSS	GRANTS	FEMA HUD	HUD/BBA	LPG COST
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**PROJECT MANAGEMENT**

2.	<u>St John New Gen Unit 1-2 with Battery Storage</u>	36,000,000				36,000,000		36,000,000
3.	<u>New Gen STT U4-7 Wartsilla Rice Units</u>	63,000,000				55,000,000		55,000,000
TOTAL		99,000,000	-	-	-	91,000,000	-	91,000,000

c/ To be funded from PC Lumpsum

v/ To be funded from Vehicle Lumpsum

f/ To be funded from Furniture & Equipment Lumpsum

**Labor Cost Capitalized:**

Garage

Warehouse

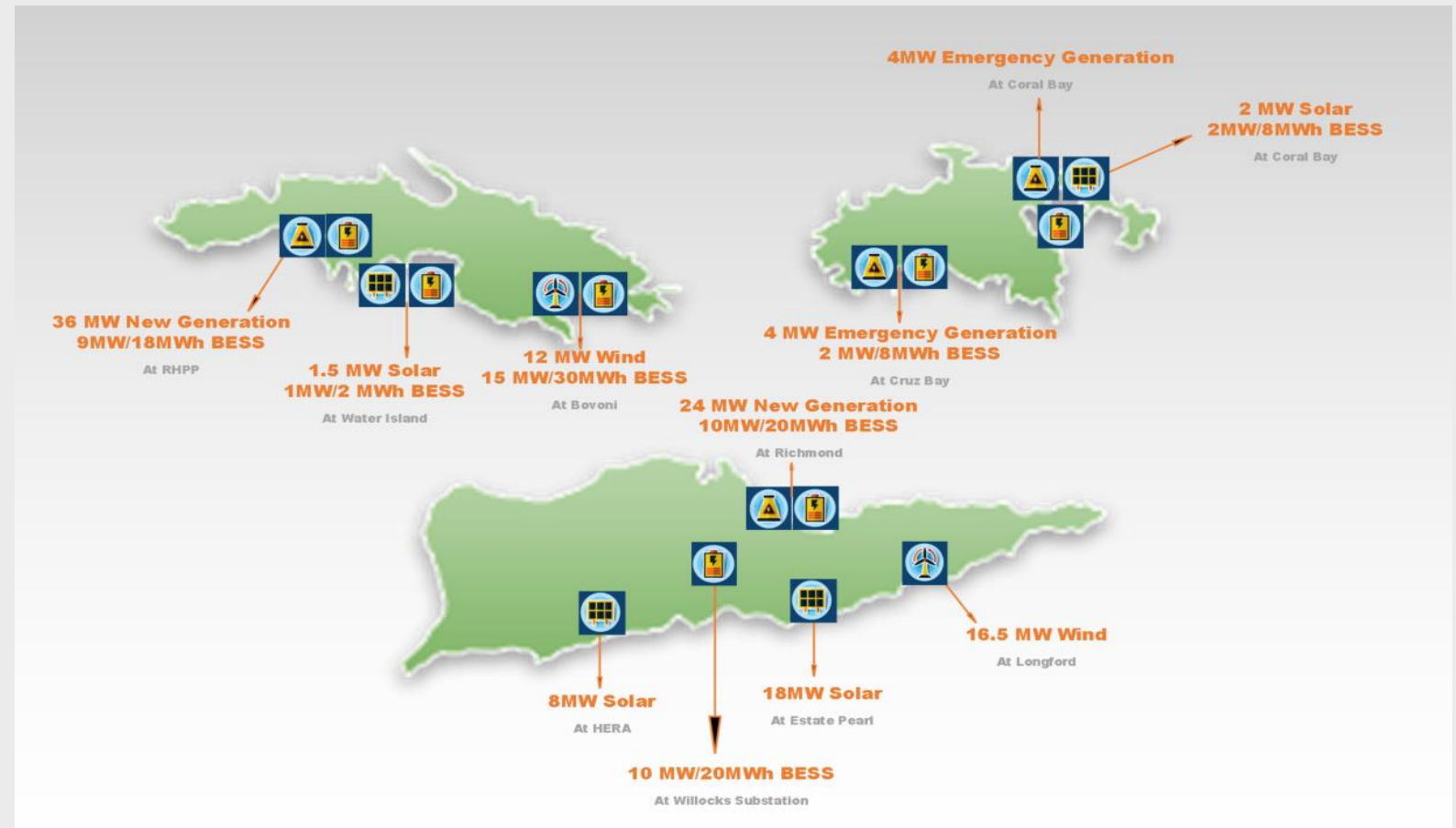
**Total**

**\$ -**



VI Water & Power Authority FY 2021 FEMA SPEND PLAN			
Projected Obligation Date	Island	Project	Amount
10/15/20	STJ	St. John Electrical Distribution Permanent Repairs (Composite Poles)	\$ 55,760,341.37
11/15/20	STX	Frederiksted Undergrounding	
11/15/20	STX	St. Croix T&D Emergency Repairs	\$ 6,000,000.00
12/15/20	STT	Line Department Transmission & Distribution Crew Building	\$ 118,617.86
12/31/20	STT	Composite Poles, A&E Submarine Cable	\$ 183,029,572.00
01/15/21	STJ	St. John T&D Emergency Repairs	\$ 6,000,000.00
01/15/21	STT	St. Thomas T&D Emergency Repairs	\$ 6,000,000.00
02/15/21	STJ	St. John Electrical Repairs (Gen Sets and Battery Storage A&E), A&E for microgrid Mitigation	\$ 76,300,000.00
02/15/21	STT	St. Thomas Substations (Mitigation Francois and Harley and A&E for Tutu and St. John Substations)	\$ 13,000,000.00
02/15/21	WI	406 Mitigation Micro Grid	\$ 3,000,000.00
03/01/21	STT	St. Thomas T&D (A&E Underground)	\$ 2,000,000.00
04/15/21	STX	Underground Projects: Grove, Container Port, and Midland EHP Review	\$ -
05/15/21	STT	St. Thomas Substations (St. John and Tutu Substations)	\$ 25,000,000.00
07/01/21	STT	St. Thomas T&D (Submarine Cable Install)	\$ 50,000,000.00
08/15/21	STJ	Cruz Bay Underground Phase 2, 3, New Generation Sets, Battery Storage, and Microgrid	\$ 59,000,000.00
09/30/21	STX	General Undergrounding and Composite Poles	\$ 50,000,000.00
09/30/21	STT	St. Thomas T&D (Undergrounding)	\$ 30,000,000.00

- Installation of wind generation at Bovoni with Battery Storage (404)
- Installation of new generation at the Randolph Harley Power Plant with Battery Storage (HUD)
- Installation of solar generation on Water Island with Battery Storage (406)
- Installation of two emergency generators in St. John with Battery Storage (406)
- Installation of solar generation in Coral Bay, St. John with Battery Storage (406)
- Installation of new generation at Richmond Power Plant with Battery Storage (HUD)
- Installation of solar generation at Estate Pearl in St. Croix with Battery Storage (404)
- Installation of solar generation at HERA on St. Croix (HUD)
- Installation of wind generation at Longford with Battery Storage (HUD)



## GENERATION PROJECTS OVERVIEW



- Underground Installations on all primary transmission & distribution feeders to include critical facilities & underground to over 50% of customers (406)
- Composite Pole installations on all remaining primary and secondary circuits (406)
  - 2,334 on St. Thomas
  - 4,276 on St. Croix
  - 1,960 on St. John
  - 202 on Water Island
- Gas Insulated Switchgear and emergency generator installations at substations on St. Thomas and St. John (406):
  - Donald Francois
  - East End
  - St. John
  - Tutu
- AMI Project (406):
  - Install concrete bunkers for AMI base stations Underground Fiber Backhaul to Towers
  - Connect more FAPs & AMI collectors
- Construction of Control Centers for Production & T&D operations (406)



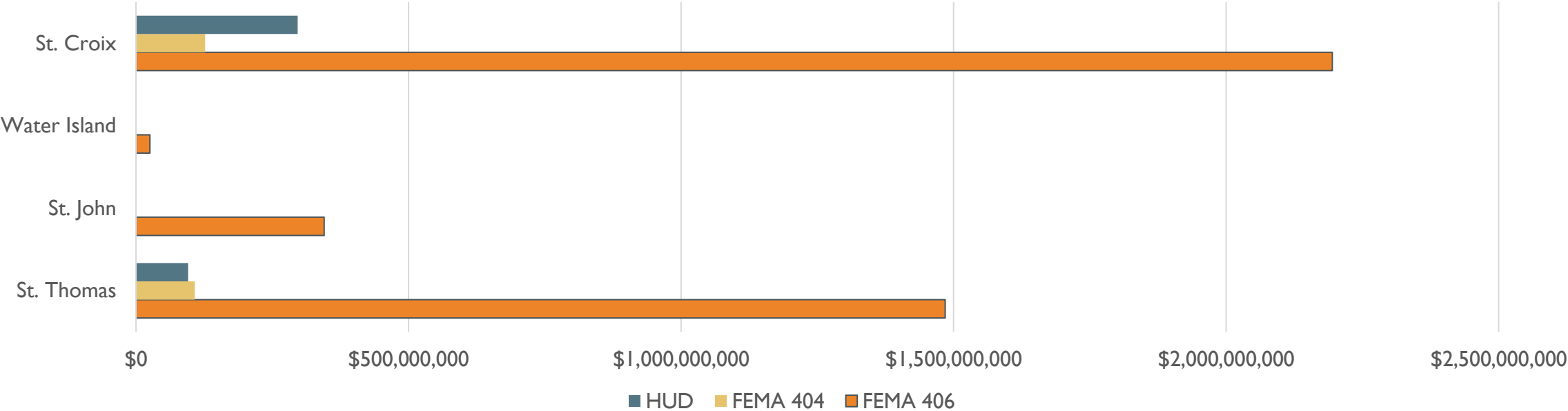
## T&D PROJECTS OVERVIEW



# Territory Cost Overview

#	Project Name	PW #	Mitigation Cost	FEMA Cost Share (90%)	WAPA Cost Share (10%)
<b>FEMA 406 Mitigation Projects</b>					
1	St. Thomas Mitigation Projects - Underground, Composite Poles, Submarine Cables, AMI	307	\$ 1,403,249,137.14	\$ 1,262,924,223.43	\$ 140,324,913.71
2	St. John Mitigation Projects - Underground, Emergency Generation, Microgrid, Composite Poles, AMI	60	\$ 320,837,916.13	\$ 288,754,124.52	\$ 32,083,791.61
3	St. Croix Mitigation Projects - Underground, Composite Poles, AMI	126	\$ 2,167,803,732.57	\$ 1,951,023,359.31	\$ 216,780,373.26
4	Water Island Mitigation Projects - Composite Poles	85	\$ 17,635,256.58	\$ 15,871,730.92	\$ 1,763,525.66
5	Substation Mitigation Projects - GIS Switchgears, Emergency Generators	548	\$ 43,130,610.00	\$ 38,817,549.00	\$ 4,313,061.00
6	Territory AMI Mitigation	158	\$ 15,964,989.46	\$ 14,368,490.51	\$ 1,596,498.95
7	GIS Mapping - Post Storm	Pending	\$ 2,356,000.00	\$ 2,120,400.00	\$ 235,600.00
8	Control Centers - STT & STX	Pending	\$ 40,000,000.00	\$ 36,000,000.00	\$ 4,000,000.00
9	Water Island Microgrid Project	Pending	\$ 8,000,000.00	\$ 7,200,000.00	\$ 800,000.00
10	Richmond - Unit 11 Load Center Project	Pending	\$ 952,146.00	\$ 856,931.40	\$ 95,214.60
11	Richmond- IDE #3 15 kV Switchgear Relocation	Pending	\$ 641,707.00	\$ 577,536.30	\$ 64,170.70
12	Randolph Harley Station Service Project	Pending	\$ 1,305,982.00	\$ 1,175,383.80	\$ 130,598.20
	<b>Total</b>		<b>\$ 4,021,877,476.88</b>	<b>\$ 3,609,879,877.69</b>	<b>\$ 401,097,764.19</b>
<b>FEMA 404 Mitigation Projects</b>					
1	St. Thomas Eastern Renewable Energy Project		\$ 114,858,423.00		
2	St. Croix Western Microgrid - Estate Pearl		\$ 126,635,386.00		
	<b>Total</b>		<b>\$ 241,493,809.00</b>		
<b>HUD Mitigation Projects</b>					
1	Randolph Harley Generation Expansion Project		\$ 95,678,330.00		
	Richmond Generation Expansion Project		\$ 85,000,000.00		
2	St. Croix Renewable Energy Project - HERA		\$ 126,635,386.00		
3	St. Croix Longford Wind Project		\$ 85,000,000.00		
	<b>Total</b>		<b>\$ 392,313,716.00</b>		
<b>Overall Mitigation Total</b>			<b>\$ 4,655,685,001.88</b>		

# TERRITORY COST OVERVIEW



8%

HUD

5%

FEMA 404

86%

FEMA 406







**V.I. Office of Disaster Recovery**  
Recovery Projects 2020-2021 Expenditure Projections

**2020 - 2021 TOTAL Projected Expenditures**

**\$733,715,903**

**WAPA**

Funding Source	Sum of Funds to be Expended	Sum of 2020 - Expenditure Projection	Sum of 2021 - Expenditure Projection
CDBG-DR	\$90,000,000	\$40,000,000	\$40,000,000
PA	\$1,426,705,318	\$256,915,057	\$396,800,846
<b>Grand Total</b>	<b>\$1,516,705,318</b>	<b>\$296,915,057</b>	<b>\$436,800,846</b>

**20%**

**29%**

Island	Sum of Funds to be Expended	Sum of 2020 - Expenditure Projection	Sum of 2021 - Expenditure Projection
STJ	\$252,081,807	\$50,546,001	\$102,233,559
STT	\$1,081,078,423	\$165,352,061	\$258,034,616
STX	\$183,412,153	\$81,003,701	\$76,506,084
Territory	\$132,935	\$13,294	\$26,587
<b>Grand Total</b>	<b>\$1,516,705,318</b>	<b>\$296,915,057</b>	<b>\$436,800,846</b>

As of April 24, 2020



## V.I. Office of Disaster Recovery

### Recovery Projects 2020-2021 Expenditure Projections

Funding Source	PW #	Applicant Name	Application Title	Funds to be Expended	2020 - Expenditure Projection	2021 - Expenditure Projection	Island
PA	307	V.I. WATER AND POWER AUTHORITY	TMUR802- St.Thomas Electrical Distribution Perm Repair	\$20,997,800	\$20,997,800		STT
PA	341	V.I. WATER AND POWER AUTHORITY	TMUR804- Power Debris Removal STT, STJ and Water Island	\$28,553,463	\$20,000,000		STT
PA	10	V.I. WATER AND POWER AUTHORITY	Emergency Protective Measures -- Power Restoration	\$6,325,618	\$6,325,618		STT
PA	846	V.I. WATER AND POWER AUTHORITY	117631 - UR814T1-4340-VIWAPA-STT-Management Costs	\$19,436,375	\$1,943,637	\$3,887,275	STT
PA	1	V.I. WATER AND POWER AUTHORITY	Emergency Protective Measures-- Power Restoration	\$299,274	\$299,274		STT
PA	226	V.I. WATER AND POWER AUTHORITY	90657 - TMWPF01 - St. Thomas WAPA Water Tanks	\$222,875	\$222,875		STT
PA	522	V.I. WATER AND POWER AUTHORITY	70355 - TMUR810 - St. Thomas WAPA Vehicle Repairs	\$219,353	\$219,353		STT
PA	197	V.I. WATER AND POWER AUTHORITY	TMWBP01 EPM Drinking Water WAPA STT	\$69,084	\$69,084		STT



## V.I. Office of Disaster Recovery

### Recovery Projects 2020-2021 Expenditure Projections

Funding Source	PW #	Applicant Name	Application Title	Funds to be Expended	2020 - Expenditure Projection	2021 - Expenditure Projection	Island
PA	182	V.I. WATER AND POWER AUTHORITY	TMWPE02 - Sarah Hill Complex	\$68,181	\$68,181		STT
PA	207	V.I. WATER AND POWER AUTHORITY	TMWPF02 - PS Repairs	\$51,209	\$51,209		STT
PA	183	V.I. WATER AND POWER AUTHORITY	TMWPE01 Damaged Vehicles, Water Distribution STT	\$21,607	\$21,607		STT
PA	338	V.I. WATER AND POWER AUTHORITY	117044 - TIUR81Z	\$101,902	\$10,190	\$20,380	STT
PA	158	V.I. WATER AND POWER AUTHORITY	TMUR805 - WAPA Advanced Metering Infrastructure System	\$12,734,469		\$12,734,469	STT
PA	307	V.I. WATER AND POWER AUTHORITY	TMUR802- St.Thomas Electrical Distribution Perm Repair	\$ 900,000,000	\$75,000,000	\$ 200,000,000	STT
PA	79087	V.I. WATER AND POWER AUTHORITY / ST THOMAS (000-UR8I4-00)	TMUR808 - St. Thomas WAPA Off-site Leased Facilities	\$584,240	\$123,233	\$285,673	STT
PA	79601	V.I. WATER AND POWER AUTHORITY / ST THOMAS (000-UR8I4-00)	TMUR809 - St. Thomas Harley Power Plant Generation Repairs	\$600,000	\$0	\$452,000	STT



## V.I. Office of Disaster Recovery

### Recovery Projects 2020-2021 Expenditure Projections

Funding Source	PW #	Applicant Name	Application Title	Funds to be Expended	2020 - Expenditure Projection	2021 - Expenditure Projection	Island
PA	113074	V.I. WATER AND POWER AUTHORITY / ST THOMAS (000-UR8I4-00)	TMUR813 - Line Department Transmission & Distribution Crew Building	\$300,000	\$0	\$235,878	STT
PA	129261	V.I. WATER AND POWER AUTHORITY / ST THOMAS (000-UR8I4-00)	GM#129261 – TMUR815 - Temporary Facilities	\$160,000	\$0	\$160,000	STT
PA	70357	V.I. WATER AND POWER AUTHORITY / ST THOMAS (000-UR8I4-00)	TMUR811 - VIWAPA - Power Substations Temporary Repairs (13)	\$169,033	\$0	\$95,000	STT
PA	70789	V.I. WATER AND POWER AUTHORITY / ST THOMAS (000-UR8I4-00)	TIUR801 - Randolph Harley Plant Repairs	\$88,940	\$0	\$88,940	STT
PA	129268	V.I. WATER AND POWER AUTHORITY / ST THOMAS (000-UR8I4-00)	GM#129268 – TMUR816 - Substation and Meter Building	\$50,000	\$0	\$50,000	STT
PA	135319	V.I. WATER AND POWER AUTHORITY / ST THOMAS (000-UR8I4-00)	Leased Four Winds Facility	\$25,000	\$0	\$25,000	STT
CDBG-DR	2	V.I. WATER AND POWER AUTHORITY	Randolph Harley Power Plant Expansion	\$ 90,000,000	\$ 40,000,000	\$ 40,000,000	STT



## V.I. Office of Disaster Recovery

### Recovery Projects 2020-2021 Expenditure Projections

Funding Source	PW #	Applicant Name	Application Title	Funds to be Expended	2020 - Expenditure Projection	2021 - Expenditure Projection	Island
PA	60	V.I. WATER AND POWER AUTHORITY	JMUR801- St. John Electrical Distribution Perm Repairs	\$7,667,973	\$7,667,973		STJ
PA	11	V.I. WATER AND POWER AUTHORITY	Emergency Protective Measures -- Power Restoration	\$2,961,818	\$2,961,818		STJ
PA	978	V.I. WATER AND POWER AUTHORITY	81932 - JMUR802 - St. John Force Account Labor and Equi	\$263,636	\$263,636		STJ
PA	211	V.I. WATER AND POWER AUTHORITY	JMWPF01 St John Water System Facilities	\$3,013	\$3,013		STJ
PA	339	V.I. WATER AND POWER AUTHORITY	117040 - JIUR8Z1 - Management Costs	\$457	\$46	\$91	STJ
PA	60	V.I. WATER AND POWER AUTHORITY	JMUR801- St. John Electrical Distribution Perm Repairs	\$200,000,000	\$37,500,000	\$100,000,000	STJ
PA	86452	V.I. WATER AND POWER AUTHORITY / St. John (000-UR814-02)	JMUR804 - St. John WAPA Warehouse/Office Building	\$68,634	\$10,000	\$58,634	STJ
PA	70150	WATER AND POWER AUTHORITY	JMUR801 - St. John Electrical Distribution Permanent Repairs	\$39,442,233	\$1,972,112	\$1,873,506	STJ
PA	117635	WATER AND POWER AUTHORITY	117635- UR814J2 - 4340-VIWAPA-STJ- Management Costs	\$1,674,043	\$167,404	\$301,328	STJ



## V.I. Office of Disaster Recovery

### Recovery Projects 2020-2021 Expenditure Projections

Funding Source	PW #	Applicant Name	Application Title	Funds to be Expended	2020 - Expenditure Projection	2021 - Expenditure Projection	Island
PA	126	V.I. WATER AND POWER AUTHORITY	XMUR801- St. Croix Electrical Distribution Perm Repairs	\$147,885,956	\$75,000,000	\$72,885,956	STX
PA	55	V.I. WATER AND POWER AUTHORITY	70359 - XMUR803- Mutual Aid Agreements for Power Restor	\$4,097,962	\$4,097,962		STX
PA	836	V.I. WATER AND POWER AUTHORITY	UR814X2-4340-VIWAPA-STX- Management Cost	\$30,085,836	\$1,504,292	\$3,008,584	STX
PA	109	V.I. WATER AND POWER AUTHORITY	XMWPB01 EPM Drinking Water Distribution STX	\$94,344	\$94,344		STX
PA	84	V.I. WATER AND POWER AUTHORITY	70360 - XMUR802-70360-WAPA Richmond Power Plant Emer	\$31,584	\$31,584		STX
PA	193	V.I. WATER AND POWER AUTHORITY	XMWPF01 - Tank Repairs	\$24,415	\$24,415		STX
PA	162	V.I. WATER AND POWER AUTHORITY	XMWPE01 Vehicle Repairs Drinking Water STX	\$7,920	\$7,920		STX
PA	288	V.I. WATER AND POWER AUTHORITY	90017 XMWPC01-GM-90017- Mon Bijou Road	\$2,933	\$2,933		STX
PA	78908	V.I. WATER AND POWER AUTHORITY / ST CROIX (000-UR8I4-01)	XMUR805 - St. Croix WAPA Buildings and Equipment	\$627,352	\$124,352	\$345,000	STX
PA	80940	V.I. WATER AND POWER AUTHORITY / ST CROIX (000-UR8I4-01)	XMUR804 - Richmond Power Plant Historic Warehouse	\$553,852	\$115,899	\$266,545	STX



## V.I. Office of Disaster Recovery

### Recovery Projects 2020-2021 Expenditure Projections

Funding Source	PW #	Applicant Name	Application Title	Funds to be Expended	2020 - Expenditure Projection	2021 - Expenditure Projection	Island
PA	854	V.I. WATER AND POWER AUTHORITY	117639 - UR814WI2 - 4340-VIWAPA-WI-Management Costs	\$132,935	\$13,294	\$26,587	Territory

# EPA Drinking Water Capital Improvement Grant Projects

- Christiansted Waterline Rehabilitation PH. 2: \$2,781,695
  - Funding Source: 100% EPA Drinking Water Capital Improvement Grant Program (DWCIP)
  - Projected Expenditures: FY 2021 - \$450,000; FY2022 – N/A
- Frederiksted Waterline Rehabilitation PH. 2: \$3,786,000
  - Funding Source: 100% EPA DWCIP
  - Projected Expenditures: FY 2021 - \$1,600,000; FY2022 – N/A
- Clifton Hill Waterline Rehabilitation: \$3,500,000
  - Funding Source: 100% EPA DWCIP
  - Projected Expenditures: FY2021 - \$650,000; FY2022 - \$2,850,000
- Hannah's Rest Waterline Rehabilitation: \$1,907,314
  - Funding Source: 100% EPA DWCIP
  - Projected Expenditures: FY2021 - \$65,000; FY2022 -\$1,842,314
- Campo Rico Waterline Rehabilitation: \$2,286,171
  - Funding Source: 100% EPA DWCIP
  - Projected Expenditures: FY 2021 - \$95,000; FY2022 - \$2,191,171

