

Disaster Tech

Next Steps

Operating Committee Meeting
October 19, 2023



10 Year Product License cost (\$700,000)

New Development: Project Milestones				
Line of Effort		VELCO Requirements	Disaster Tech Milestone	Payment
1	Redesign of existing user dashboard	User engagement in design and user interactivity flow	Acceptance of Figma mock ups, including design and user experience	\$75,000
2	Inclusion of additional hazards	User feedback on prioritization of hazards	Operational availability of temperature and heavy precipitation hazards from NBM model	\$50,000
3	Machine learning wind outage model	Historic power outage data and relevant system asset data for feature engineering	Operational availability of distribution system power outage prediction model updated twice a day up to 120 hours into the future	\$125,000
4	HRRR model engineering for short-term prediction	User feedback on prioritization of hazards for short-term prediction	Operational availability of predicted radar reflectivity, wet snow, ice, wind, temperature, heavy precipitation hazards	\$50,000

(\$300,000)

(\$1M) total project cost



New Development Investment and Warrant

Line of Effort		Payment Value	Feedback Value	Total Warrant Value
1	Redesign of existing user dashboard	\$75,000	\$175,000	\$250,000
2	Inclusion of additional hazards	\$50,000	\$116,667	\$166,667
3	Machine learning wind outage model	\$125,000	\$291,667	\$416,667
4	HRRR model engineering for short-term prediction	\$50,000	\$116,667	\$166,667
		\$300,000	\$700,000	\$1,000,000

(\$1M) total project cost, \$1M total stock warrant value to be received upon completion

DU Participation

- Kickoff meeting and workshop to be held with participating DUs in last quarter of 2023
- All VELCO owners are able to utilize this service
- Participating DUs will be able to shape development of the software
 - Allows the service to be optimized to provide greater value and better product for the users
- For additional information or to be included in the kickoff meeting please email Gunner Tuttle (PM) gtuttle@velco.com