



# Chaumont Solar Fire

Presented by:

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# Chaumont Solar Fire

- Initial Response
- Developing a plan
- Incident Management
- Lessons Learned



# Chaumont Solar Fire

- Initial Response:
  - Reported flames from the solar farm on County Route 179 in the Town of Lyme.
  - Chaumont, Three Mile Bay, and Town of Brownville Fire Departments responded.
  - First arriving department advised of flames coming from the battery storage box on site.
  - Contacts were made to the company responsible for the site on the proper and safest way to handle the incident.



# Initial Attack Plan















MAX GROSS 41,000 KG  
NO. 380 LBS  
TARE 7,870 KG  
17,375 LBS  
NET 33,130 KG  
74,925 LBS  
CAP. 27.3 CU M  
584 CU FT

XHCU 231345 8  
2562

2562



# Chaumont Solar Fire

- Initial Response Cont.
  - Additional fire departments were called in for a water supply and ease of access.
  - Difficulties discovered with response time of company representatives.
  - No SDS (Safety Data Sheets) on site.
  - Once advised of the chemicals on site, the importance of cooling the transformers took precedence.
  - Jefferson County Hazmat was called for air monitoring.



# Chaumont Solar Fire

- Developing a Plan:
  - Air Monitoring
  - Shelters in place (per the site representatives)
  - Maintaining a constant flow of water on the site.
  - Understanding personnel would not be able to put the fire out, rather maintain the cooling effect.
  - Developing shift work for personnel and utilizing other fire departments.
  - Daily briefings with all parties involved.



# Chaumont Solar Fire

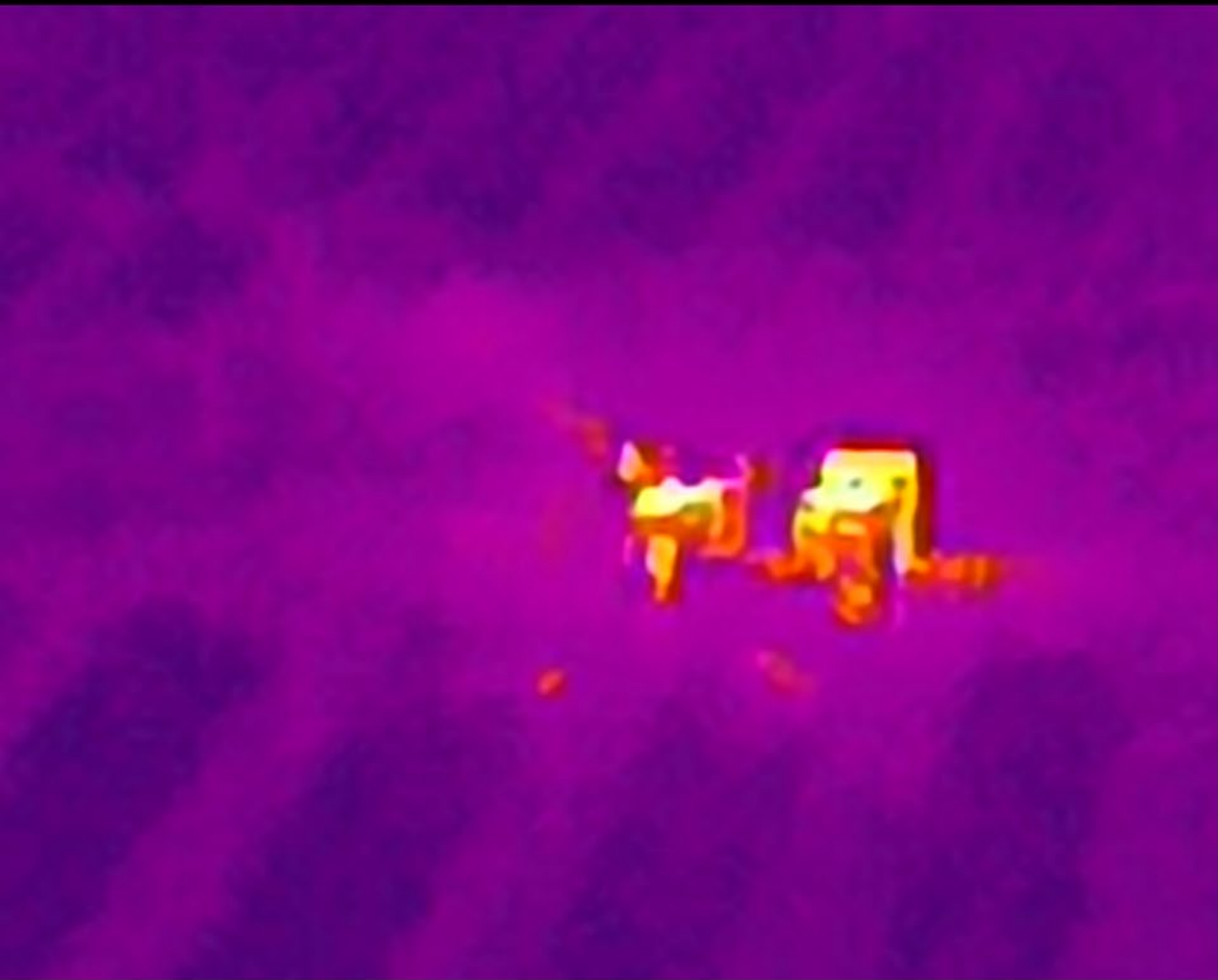
- Incident Management:
  - Fire personnel on scene 24/7
  - Crews worked in 12-hour shifts.
  - Continuous shuttle of water to the site to allow for continuous flow on the components. (2 Miles) (1 Lane Bridge)
  - Air monitoring throughout the incident.
  - Maintaining coverage in the area for all other emergencies.



# Incident Management









A large orange circle occupies the left side of the slide, partially cut off by the edge.

# Chaumont Solar Fire

- Lessons Learned:





# Chaumont Solar Fire

- 32 Public Safety & Protection Agencies (local, County, & State)
- 8 days of 24 / 7 operations
- 384 “meals”
- 2590 “personnel” hours
- 500 gallons of fuel
- 500,000 gallons of water
- 4 “porta-potties”





# Chaumont Solar Fire

Agencies Assisting Throughout the Incident		
Adams Center Fire	Pamelia Fire	Jefferson County Fire/Emergency Management
Cape Vincent Fire	Plessis Fire	Jefferson County EMS
City of Watertown Fire	Redwood Fire	Jefferson County Sheriffs
Chaumont Fire	Rutland Fire	NYS DEC
Evans Mills Fire	Sackets Harbor Fire	NYSP
Fishers Landing Fire	Smithville Fire	New York State Fire
Glen Park Fire	Theresa Fire	Cape Vincent Ambulance
Great Bend Fire	Three Mile Bay Fire	Guilfoyle Ambulance
Mannsville Fire	Town of Brownville Fire	Oswego County Fire Coordinators Office
Natural Bridge Fire	Town of Clayton Fire	Oswego County Emergency Management UAS Program
Northpole Fire	West Carthage Fire	