

ArcGIS Online at National Grid: Integrated Mapping Applications Portal

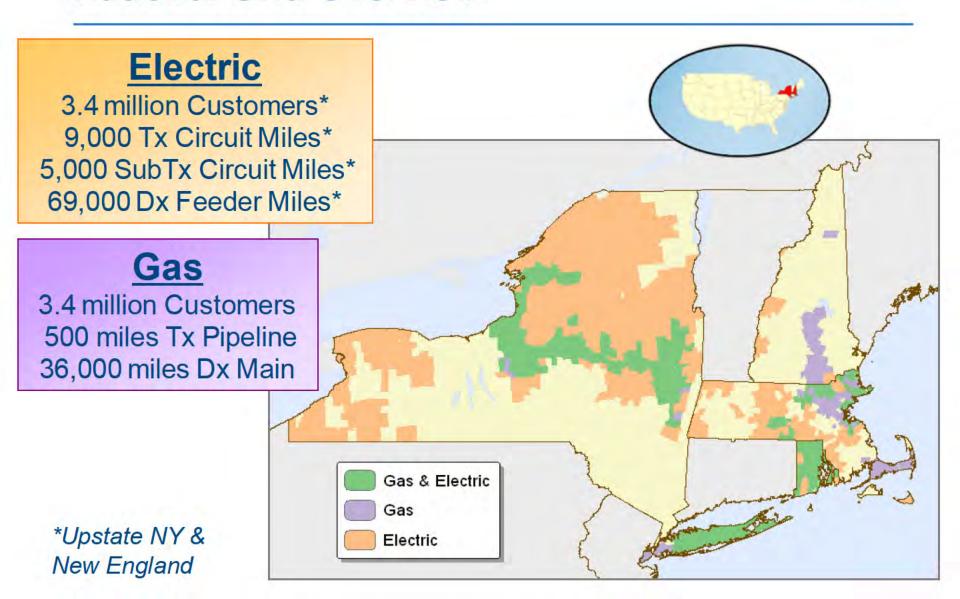
IMAP

NEURISA Lightning Talk November 14, 2013 Jeff Pires, GISP





National Grid Overview

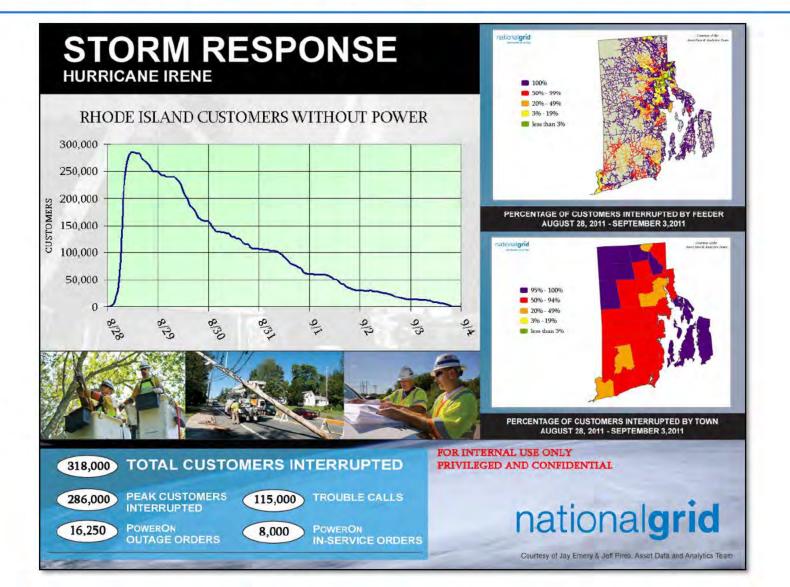




2011 - Hurricane Irene



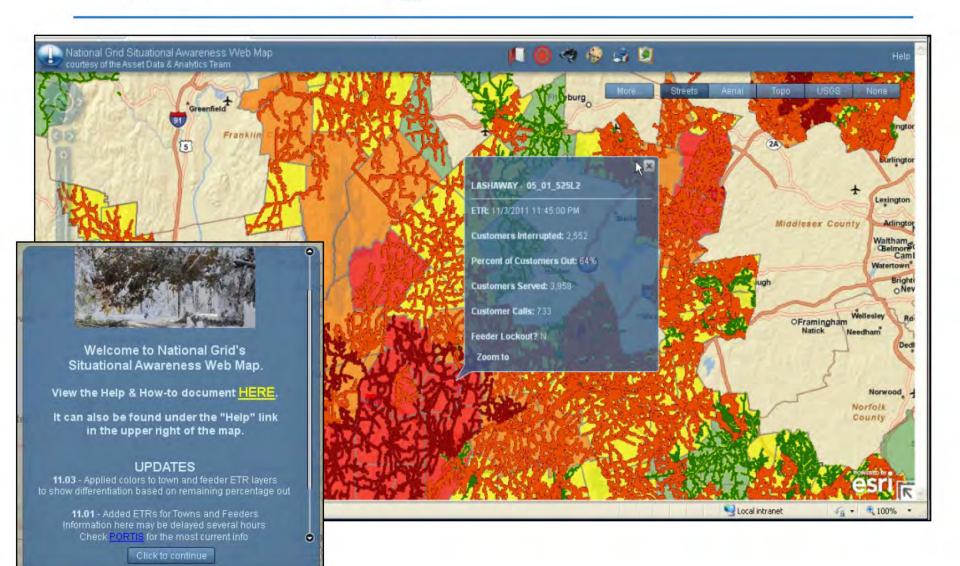
THE POWER OF ACTION





SnowTober 2011







Near Real-Time Data







#grab the csv from the ICOE share try: TruckReader = csv.reader(open(r"D:\NR except: print "Expected csv file in incoming sys.exit() ## this will terminate the Truck = TruckReader.next() truck lst = [] for Truck in TruckReader: # retrieve records from list ... VehicleName = Truck[0] VehicleGroupName = Truck[1] Python VehicleMake = Truck[2]
VehicleModel = Truck[3] UnitLocationDate = Truck[4] ESTTIME = Truck[5] Latitude = Truck[6] Longitude = Truck[7] Velocity = Truck[8] # put records in truck list ... truck lst.append([VehicleName, Vehicl

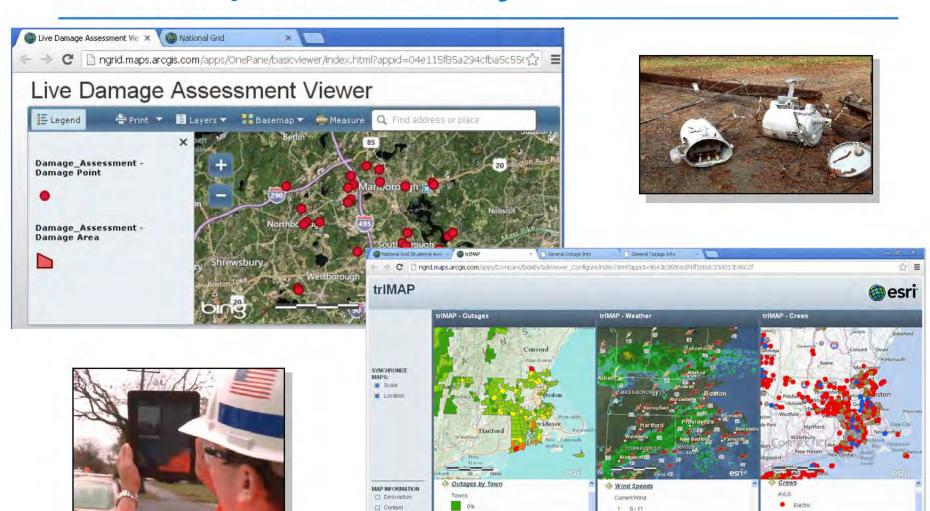


ArcGIS Online





2012 - SuperStorm Sandy



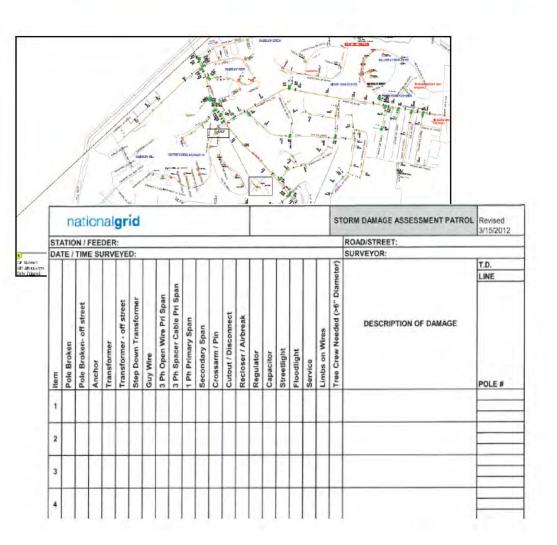
25% - 49%

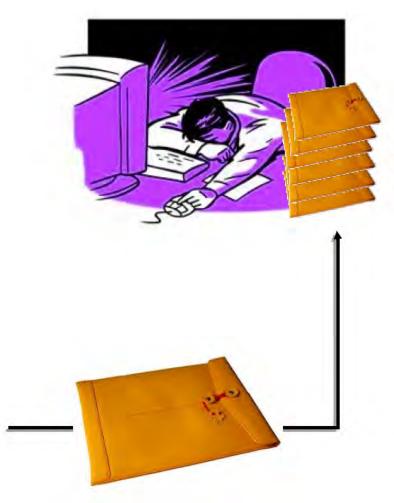
29 - 39 40 - 94

Largend



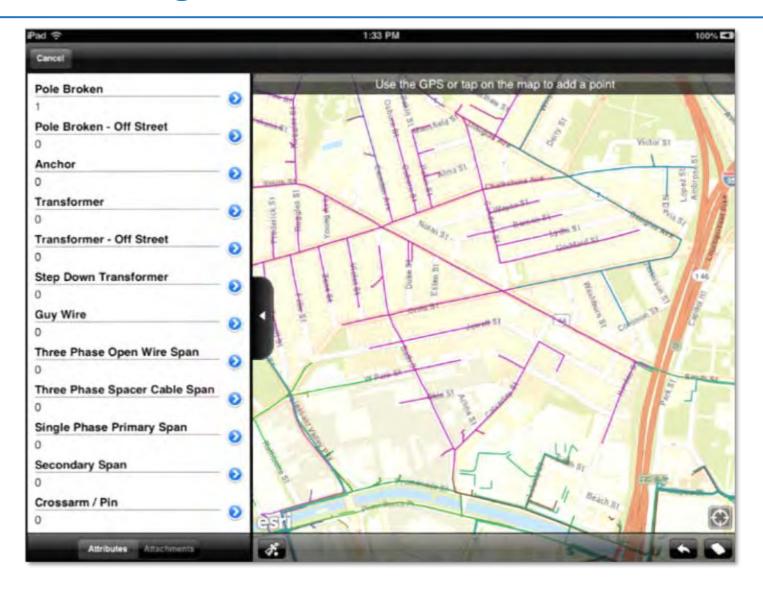
Traditional Damage Asessment







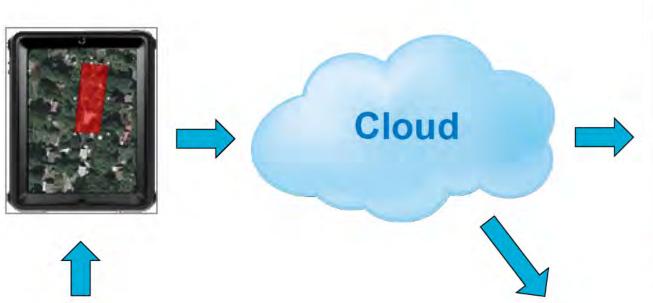
iPad Damage Assessment

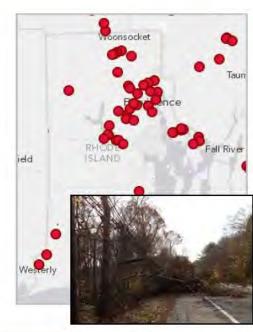




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Info & Images in Real Time







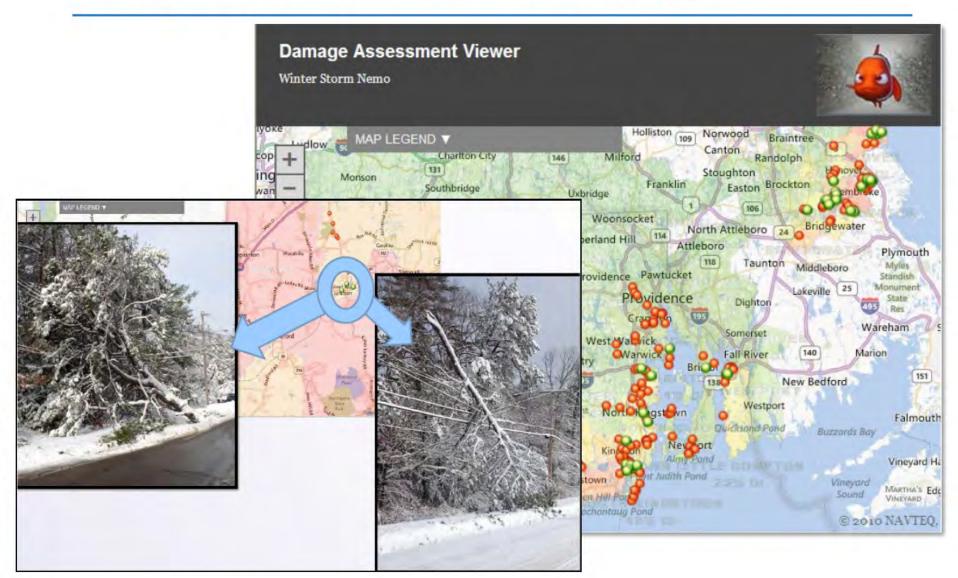
DESCRIPTION	Near Address	CIRCUIT
39 perennial dr reporting wire down. Wire is cable tv.	194 Lawnacre Drive, Cranston, RI 02920, USA	49_53_27F6
2 phases open down vine street looks like slap together	2 Vine Street, Johnston, RI 02919, USA	49_53_38F4
2 phases open feeding down Newman ave	223 Greenville Avenue, Johnston, RI 02919, USA	49_53_69F1
2 phases open down day street	1-5 Day Street, Johnston, RI 02919, USA	49 53 69F1
SUB TRANS ELMOOD 2213 Three phase wires down inside complex	1536 Elmwood Avenue, Cranston, RI 02910, USA	49_53_73J3
Two fues open looks like spans slap together nothing down	1370-1398 Elmwood Avenue, Cranston, RI 02910, U	S 49_53_73J3
Feeder 53-27f6	270-310 Melrose Street, Providence, RI 02907, USA	49 53 76F2
Sub transmission two phases down 2213 Elwood called into Mike in	42-60 Fenner Street, Cranston, RI 02910, USA	49_53_7F1
Single phase tap off pole #12 watch hill rd. 15k fuse.	75-77 Watch Hill Road, Westerly, RI 02891, USA	49 56 16F1
P52 100k open single phase tap	3 Avondale Road, Westerly, RI 02891, USA	49_56_16F1
Pole 3 open cutout	6 India Point, Westerly, RI 02891, USA	49 56 16F1
Open likely due to two phases down 7 poles into shore rd.	159 Watch Hill Road, Westerly, RI 02891, USA	49_56_16F1
2 phases down tree on wire. Corner of damato rd. and shore rd.	10 Shore Road, Westerly, RI 02891, USA	49 56 16F1
Pole 145 one conductor primary off do crossarm pin	101-109 Atlantic Avenue, Westerly, RI 02891, USA	49_56_16F1
3 open cutouts. Pole 142	103 Atlantic Avenue, Westerly, RI 02891, USA	49_56_16F1
Pole 19 two open cutouts	22-26 Crandall Avenue, Westerly, RI 02891, USA	49_56_16F1
Reclaser open and 3 cutouts 631090 & 631091 Pole 66	121 Watch Hill Bred Westerly RI 02891 LISA	49 56 16F1



Feb 2013 - Winter Storm "Nemo"

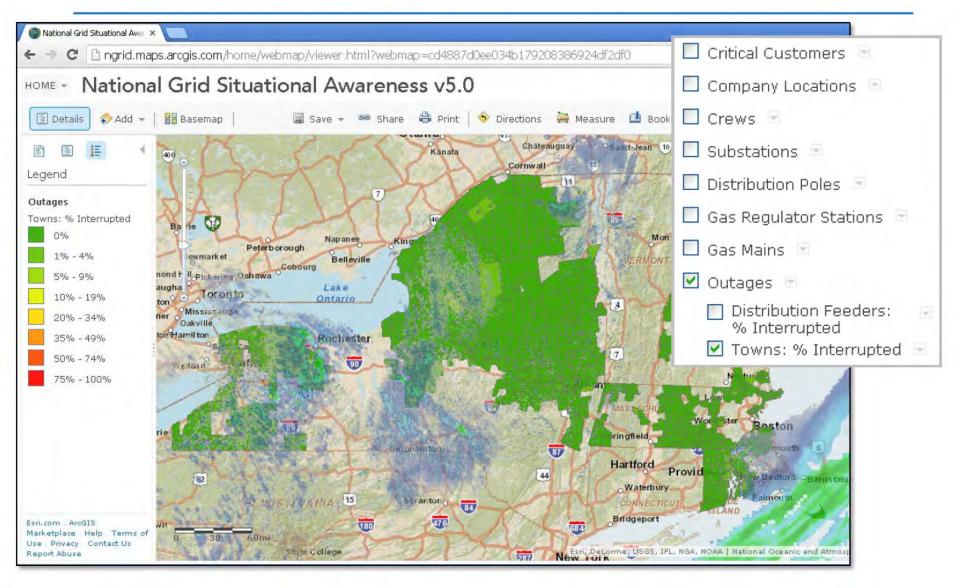


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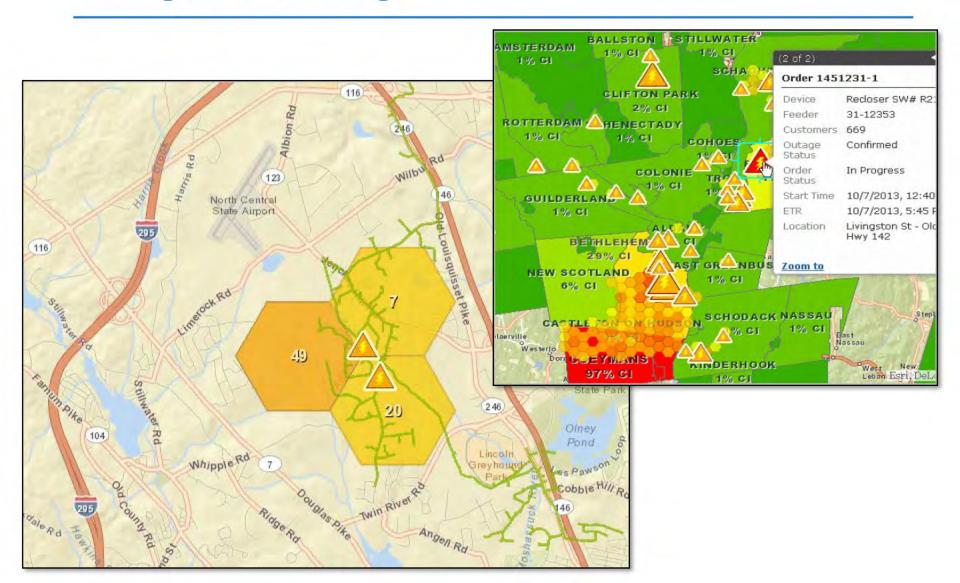


SA - Internal Data



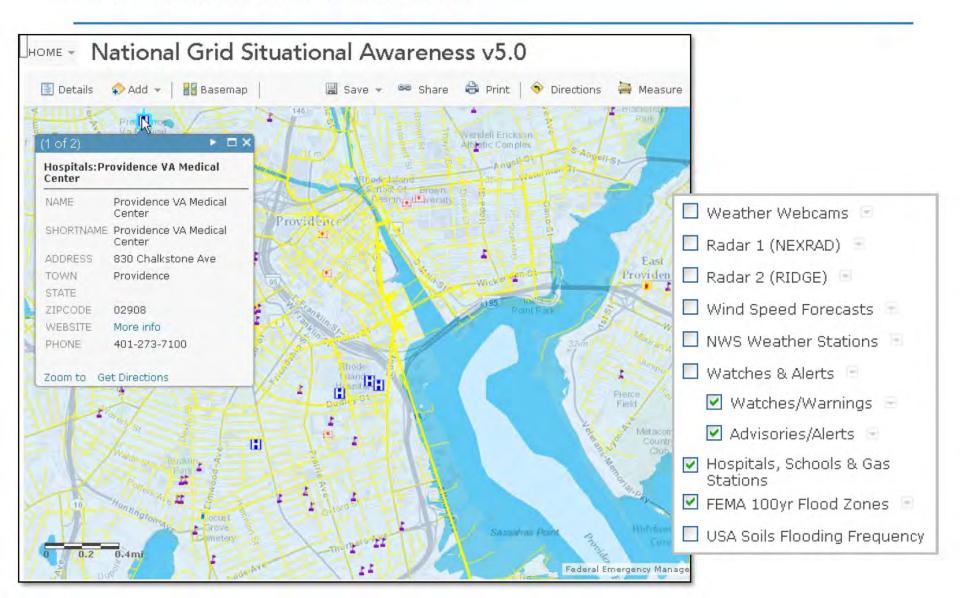


Outage Rendering





SA - External Sources



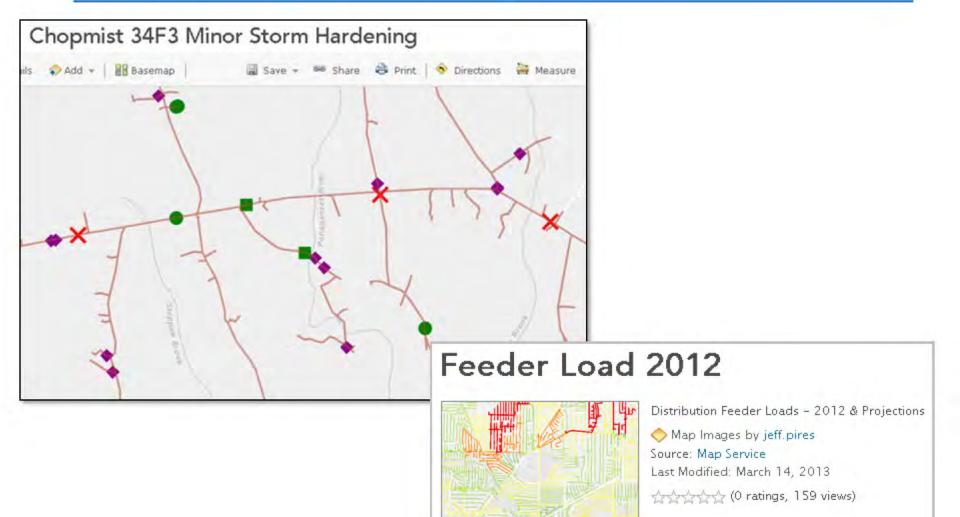


Organic Growth





Distribution Asset Management



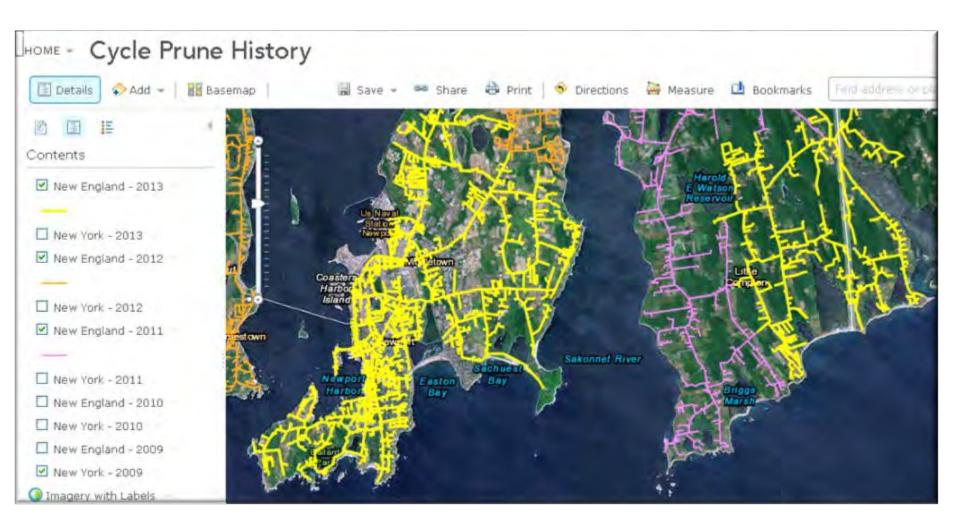


Gas



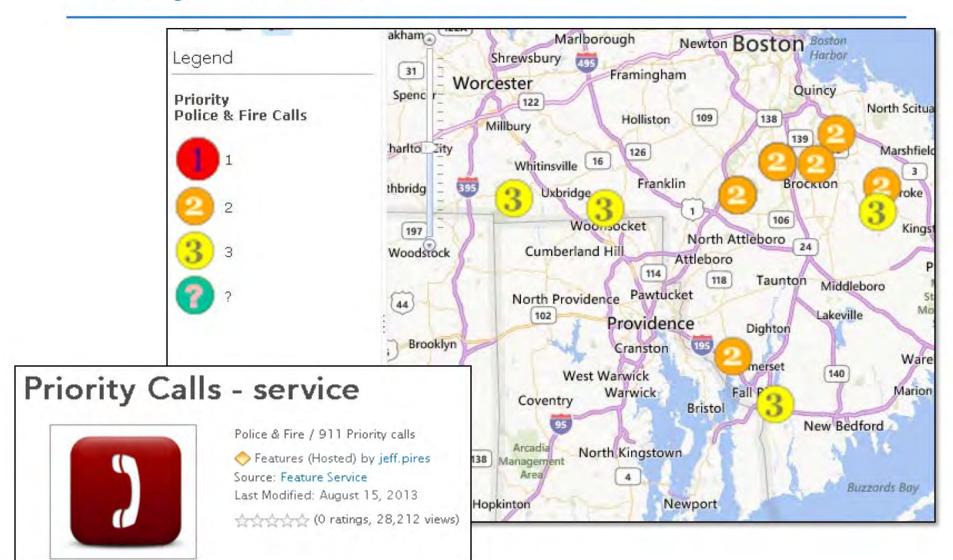


Vegetation Management





Priority Calls Pilot







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