



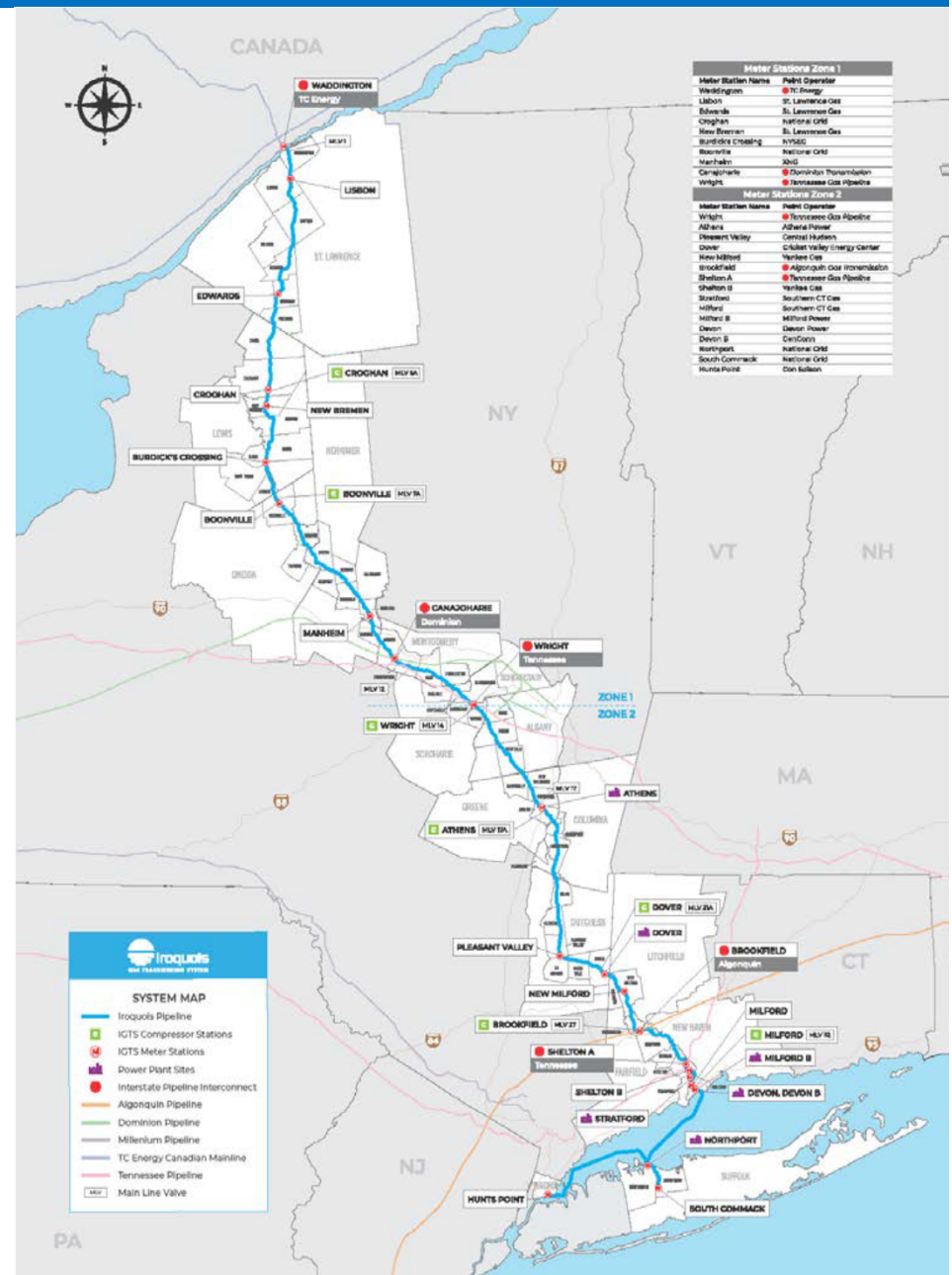
# **IROQUOIS GAS TRANSMISSION SYSTEM, L.P.**

## **2019 Northeast Gas Association Pre-Winter Briefing**

**December 3, 2019**

# Iroquois Gas Transmission System, L.P.

- Commenced Operations in 1991
  - Headquarters in Shelton, CT
  - 84 employees (24 field operating personnel)
  - 24/7 Gas Control monitoring
    - Remote operated valve sites, meters and compressor stations
  - Comprehensive integrity programs
    - Extensive aerial, ground, and “in-line” inspection programs
- Primary Markets
  - Connecticut
  - Long Island
  - New York City
- 1.7 Bcf/d Physical Receipt Capability:
  - TransCanada = 1.2 Bcf/d
  - Algonquin = 0.4 Bcf/d
  - Dominion = .082 Bcf/d (In-service 11/1/17)
  - XNG (Manheim) = .0020 - .0050 Bcf/d
- Piping
  - 416-mile of 30” and 24” pipeline
  - MAOP = 1440 psig
- Pipeline Interconnects:
  - TransCanada
  - Dominion
  - Tennessee (200 and 300 lines)
  - Algonquin
- 7 Compressor Stations – 115,900 HP

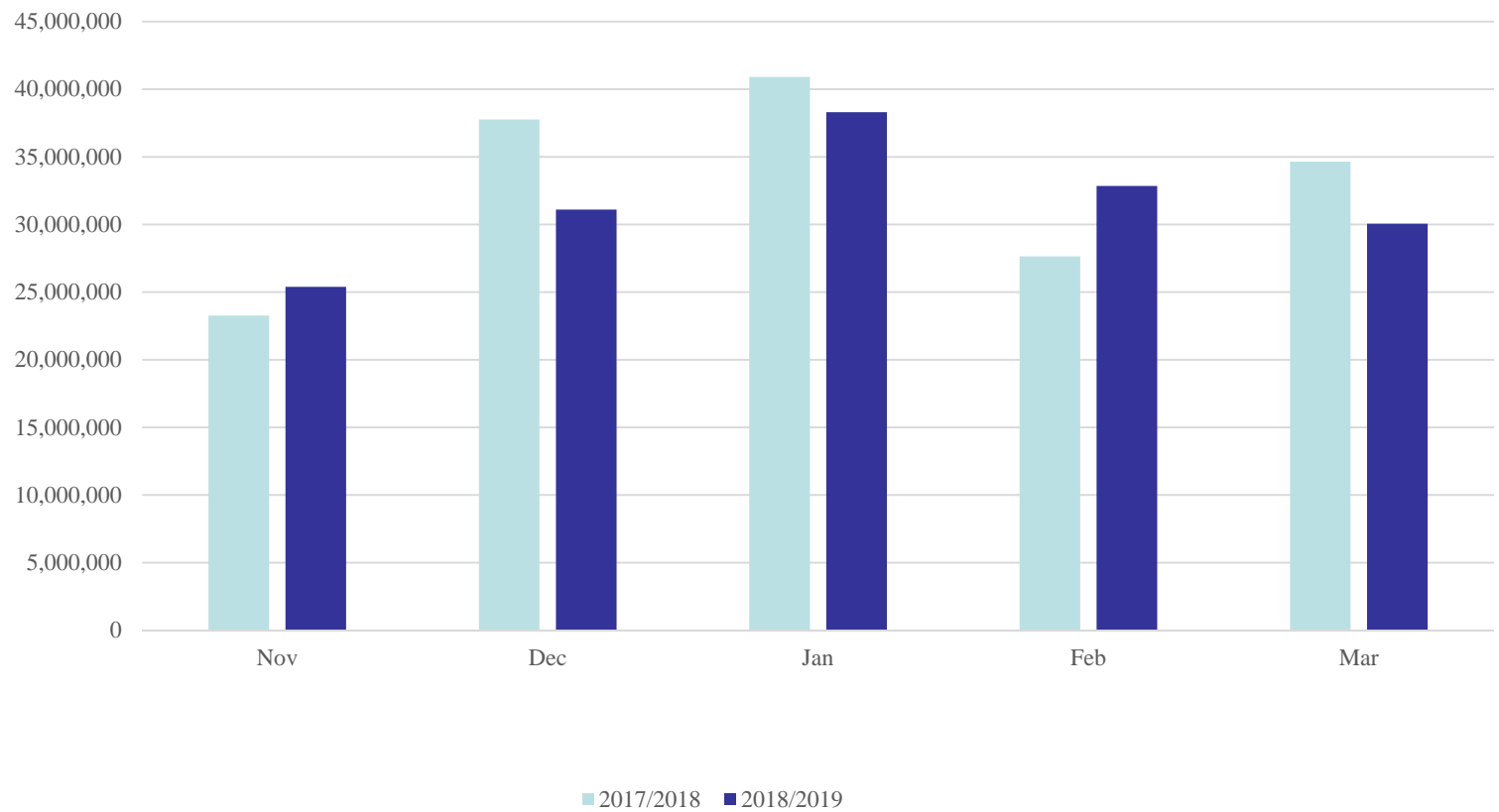


# 2018/2019 Volumes

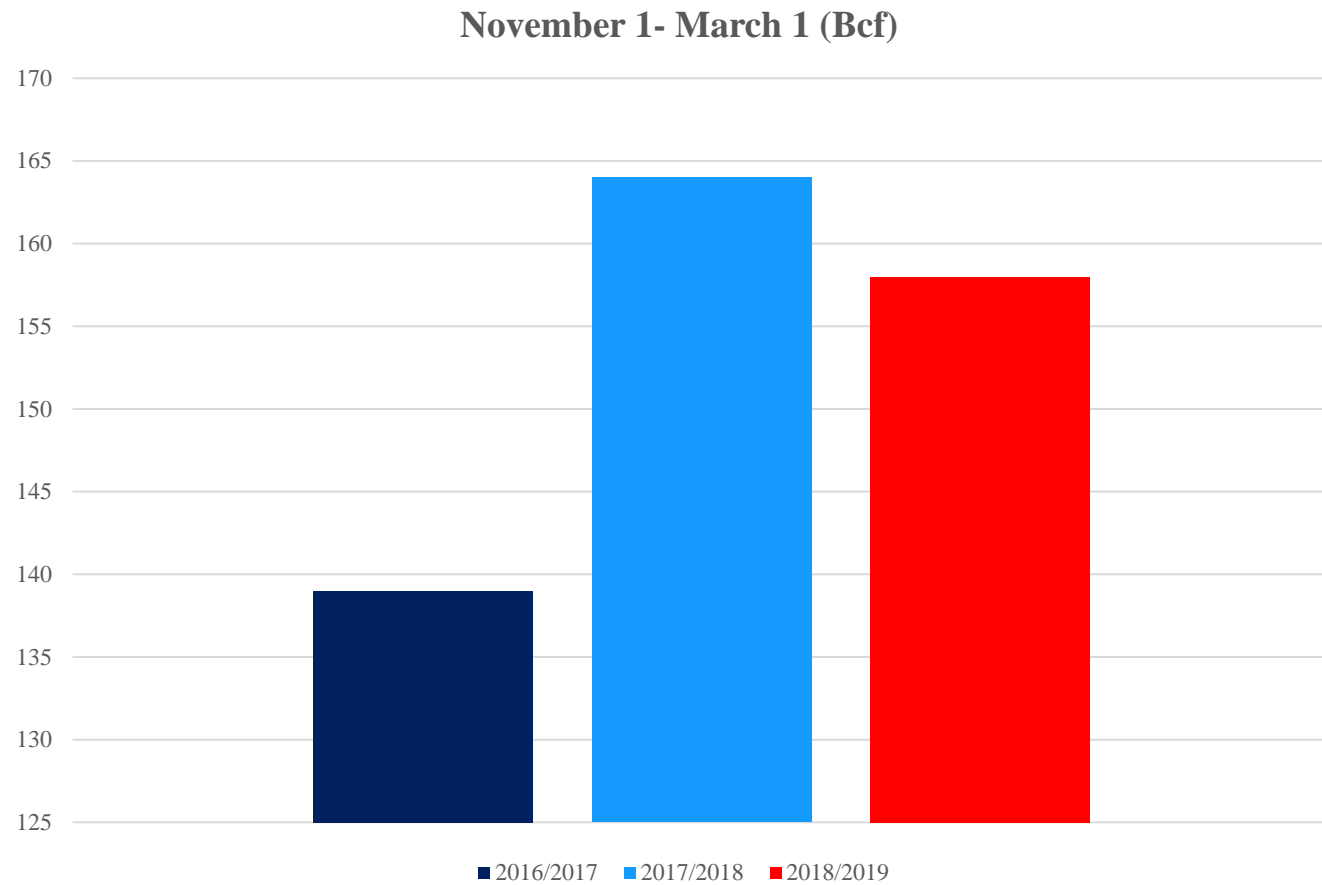
- November 1, 2018 – March 31, 2019
- Physical Receipts :
  - Waddington = 113.6 MMDth
    - Peak Day = 1.166 MMDth (12/11/18)
  - Manheim = 2.043 MMDth
    - Peak Day = 19,850 Dth (3/19/19)
  - DETI = 11.65 MMDth
    - Peak Day = 130,808 Dth (3/1/19)
  - Brookfield = 31.97 MMDth
    - Peak Day = 403,323Dth (11/03/18)
- Physical Deliveries = 157.7 MMDth
- Peak Day Delivery = 1.564 MMDth (03/06/2019)
- Average Daily Delivery = 1,044MMdth

# 17/18 vs. 18/19 Volumes

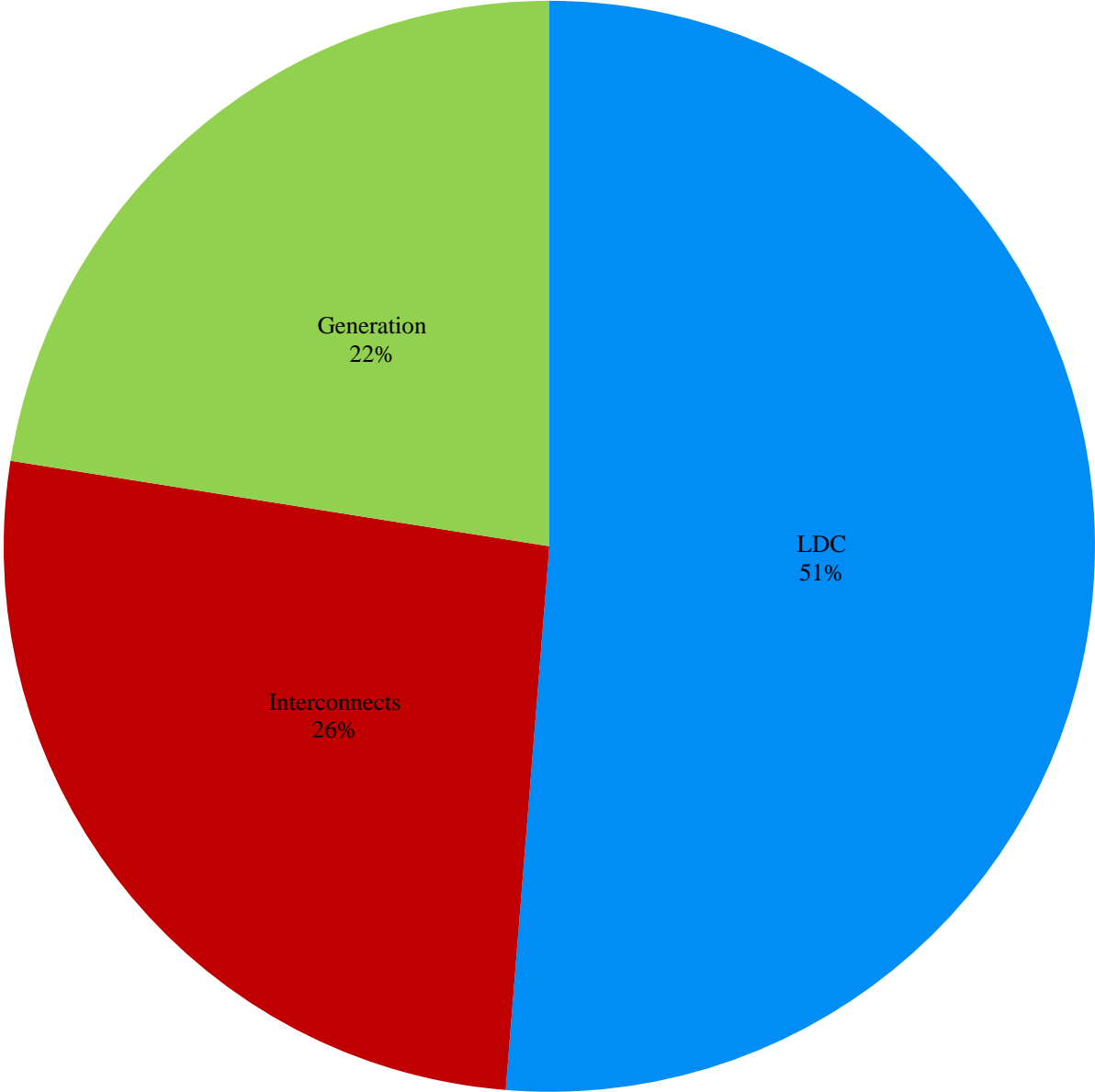
Winter 17/18 vs. 18/19 (Dth)



# 3 Year Winter Volumes



# Winter Deliveries 18/19



# Historical Peak Day/Physical

|            | Location                               | Dt/d      | Date     |
|------------|--|-----------|----------|
| Supply     | Waddington                             | 1,221,545 | 2/6/15   |
|            | Canajoharie                            | 130,808   | 03/01/19 |
|            | Brookfield                             | 432,790   | 11/07/17 |
|            | Waddington/Canajoharie/Brookfield      | 1,554,129 | 3/6/19   |
| TGP        | Wright TGP                             | 410,471   | 3/3/16   |
|            | Wright & Shelton TGP                   | 509,128   | 3/3/16   |
| NYF System | South Commack                          | 563,262   | 2/14/16  |
|            | Hunts Point                            | 356,830   | 1/20/09  |
|            | Northport/South Commack/Hunts Point    | 860,927   | 2/7/10   |
|            | D/S of Milford Compressor Station      | 912,185   | 1/12/10  |
|            | Total Physical Deliveries – All Meters | 1,564,045 | 3/6/19   |

## 2019 Summer Statistics

- April-September volumes down 19% from 2018
- Direct Connect Power Generation up 16% from 2018
- Algonquin Receipts average 319,120Dth/d
  - 3% Increase from same period last year
- TCPL Receipts average 248,000Dth/d 100days
  - Similar to 2018 when flowing
- TCPL Deliveries average 40,000Dth - 75 days
- DETI Receipts average 74,000Dth/d 2018 same



# Operational Year In Review

- **Winter 2018/2019**
  - New peak delivery day - March
  - Zone 2 scheduled to capacity (restricted as needed)
- **Northeast Summer**
  - Lower over all volumes
  - Generation Load – 16% increase from 2018
- **Operational Challenges**
  - At operational capacity peak cold days (December – April)
  - AGT/Brookfield at capacity (April – November)
  - Coordinating maintenance across regional infrastructure
- **Maintenance**
  - Completed for 2019
  - Minimal impact to operations

# 2018/2019 Lessons Learned

- Waddington scheduled to capacity on peak cold days
  - Reduced receipts at Brookfield
  - Restrictions MLV 12, MLV 17A, MLV 32
- Increased deliveries to TGP Gates
  - Wright (200) & Shelton (300)
- Critical Notices
  - No overruns
  - Uniform takes
  - Meter/Point restrictions
- Peak generation loads this past summer

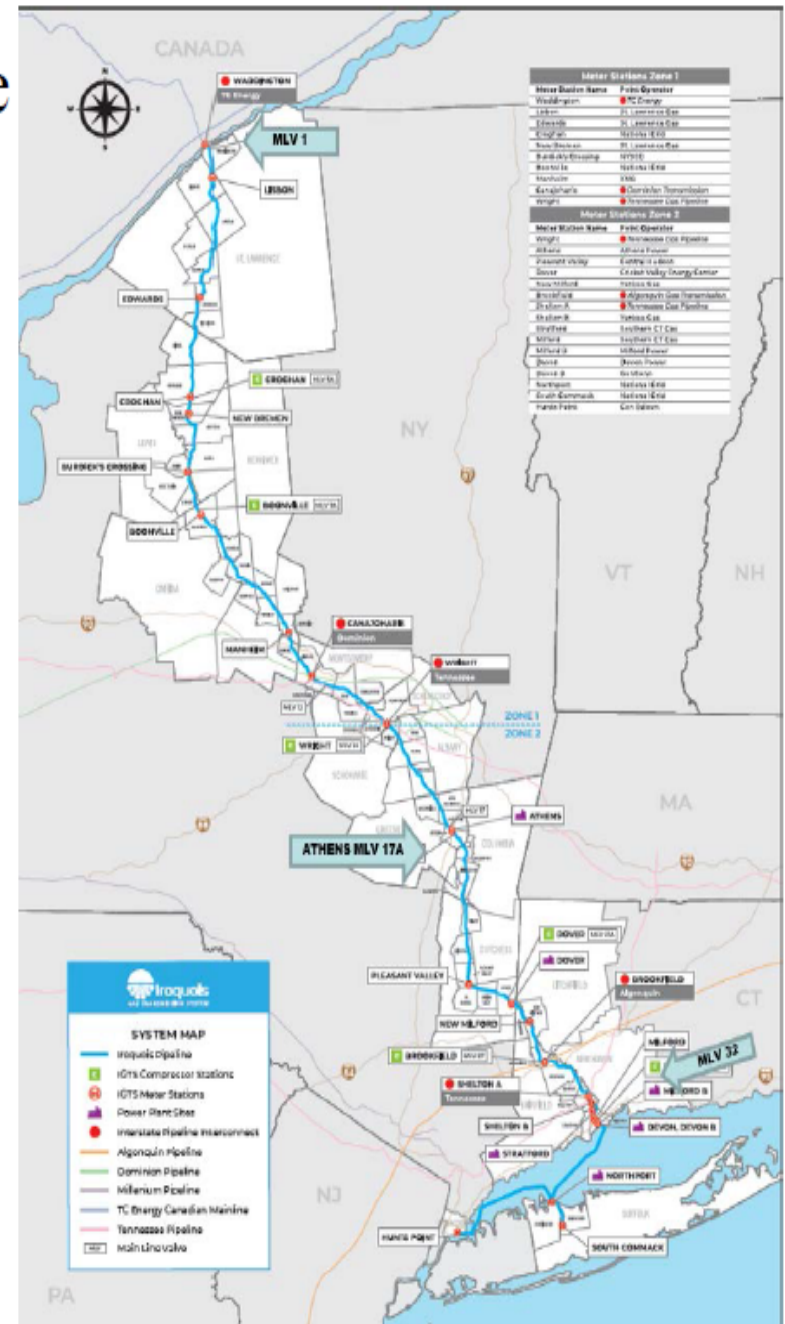
# Maintenance/Project



- Scheduled Maintenance
  - Spring/Summer Maintenance Completed
  - Replaced main & pilot burners at Dover compressor
- Scheduled Projects
  - Dover Meter Station CVEC
    - Commissioning
  - PSEG Bridgeport Harbor
    - Upgraded Existing Stratford Meter Station
  - Lateral Valve Automation
    - Newtown Loop, Devon, Athens Laterals

# 2019/20 Winter Operations Update

- Fully Subscribed
- Scheduling to Mirror Winter 2018/19
- Restrictions/Allocations
  - MLV 1, MLV 17A, MLV 32
  - Restrictions/Critical Notices/OFO's
  - Effects of Late Day Changes
- Maintenance Outages Complete Oct. 11
- New Power Generation Load 2019/20
  - Bridgeport Harbor #5
  - Cricket Valley Energy Center



# Summary

- Summer Operations
  - 19% Lower volumes
  - Higher power generation loads
- Maintenance
  - Test Run Compression
- 2019 - Projects
  - Dover Meter (CVEC)
  - PSEG – Bridgeport Plant
  - Valve automation
- Winter ....

