



SOLUTIONS FOR CHP MEASUREMENT & ANALYSIS

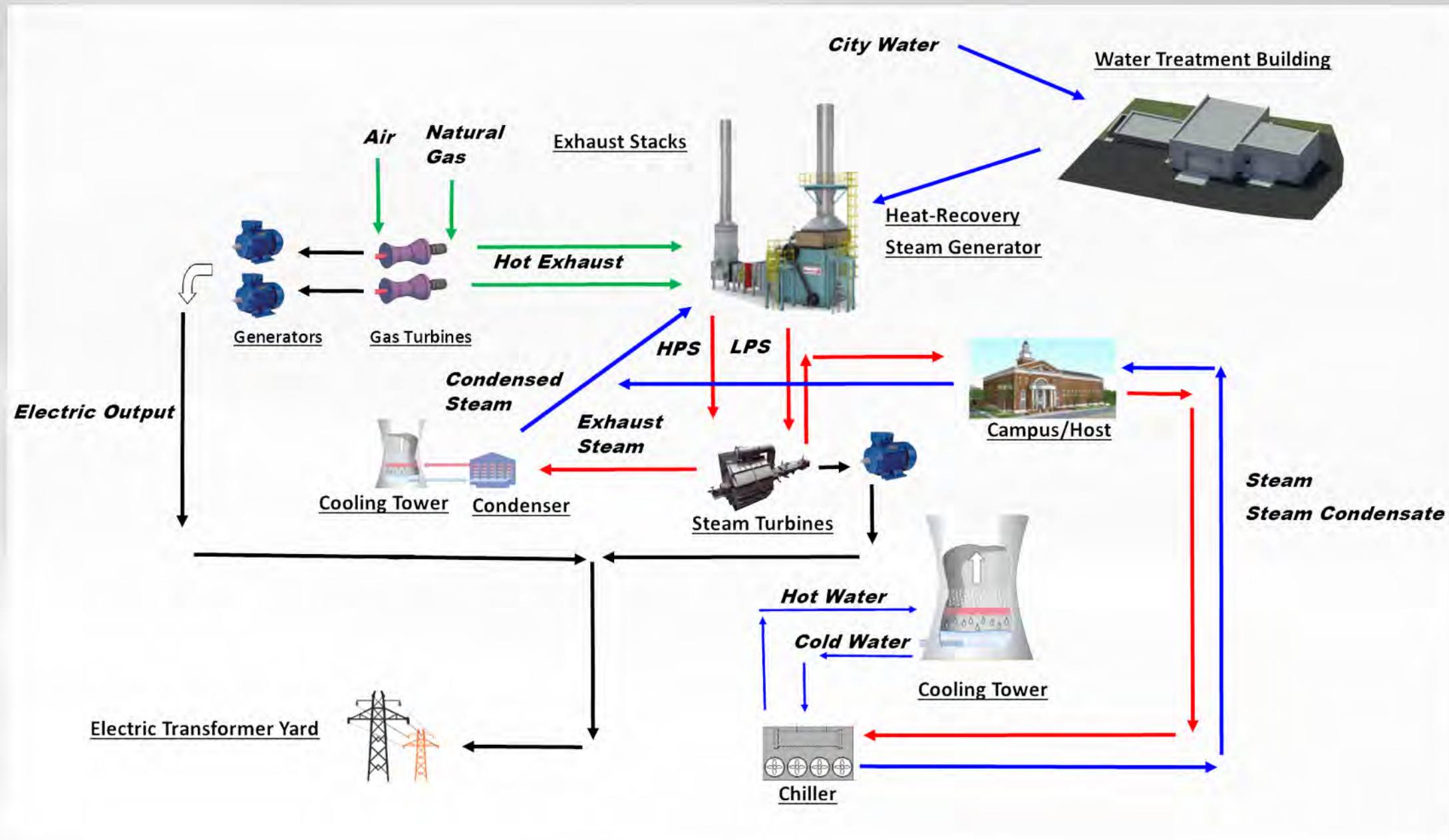
MEASUREMENTS FOR CO-GENERATION PROCESS

Flow Metering:

- * Natural Gas
- * Fuel Oil Backup
- * Steam Mass Flow
- * Make Up Water
- * Condenser Water
- * Chilled Water
- * Chemical Feed
- * Ammonia Flow

Exhaust Stacks Analyzer

- * CEMS
- * PEMS
- * Combustion Efficiency
- * Ammonia Injection
 - Flowmeter
 - Level for Storage



Level Monitoring

- * Fuel Oil
- * Storage Tank
 - Ammonia
 - Water
 - Sump

Other Measurements

- * Electric Usage
- * Pump Control
- * Water Quality
- * Natural Gas Quality

LEGEND	
	STEAM
	WATER
	AIR/GAS
	ELECTRIC

TDI CAPABILITIES WHY MEASURE?

PERFORMANCE ANALYSIS & OPTIMIZATION

- *Chillers, Colling Towers & Heat Exchangers
- *System Capacity Analysis
- *CHP & Fuel Cells: Water & Fuel Flows

ENERGY CONSERVATION & COST REDUCTION

- *Utility Saving Programs

SMART METERING SOLUTIONS

- *Retrofit Meters
- *Installation Without Shut Down

SUSTAINABILITY & ENERGY REBATE

- *NYSERDA & State Incentive Programs
- *NYC Mayor's Carbon Challenge
- *Continuous Commissioning Programs

INSTRUMENT APPLICATION EXPERTISE

- *Flow, Energy, Metering & Data Collection

EQUIPMENT SALES, RENTALS & LEASING

CALIBRATION, & COMMISSIONING

- *Flow Studies & Balancing

INSTALLATION SERVICES & PROJECT MANAGEMENT



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