

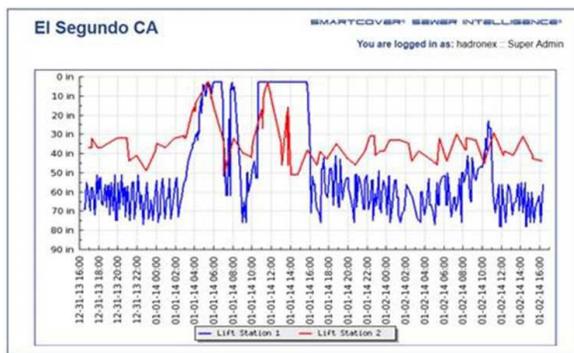
## SmartCover® Monitoring at Lift Stations When Everything Else Goes Down

**Who:** El Segundo, CA

**Problem:** At approximately 2am on New Year's Day, a drunk driver on El Segundo Boulevard collided with not one but two Edison power poles. This knocked out the power to more than 4,000 SoCal Edison customers in the City of El Segundo. "Unfortunately, seven of my sewer lift stations were without power," said Gil Busick, Wastewater Supervisor for the City of El Segundo. "We had previously disabled telemetry communications at three of them because of unrelated on-going alarm issues."



A drunk driver on New Year's knocked down two power poles causing a power outage.



Real-time data showing alerts during New Year's power outages.

**Details:** SmartLevel units alerted El Segundo with level measurements on emergency on-call phones. The alerts enabled them to prioritize which lift stations were the most critical to respond to with backup generators and emergency pumps. Part way through the 18-hour outage, the power was temporarily restored and the generators and pump were broken down and put away. On call employees returned home, only to receive alerts an hour later. "Apparently, the temporary restoration was short lived as other parts of the electrical distribution system were overloaded and were knocked out as well," said Busick.

**Results:** Three staff members shuttled two generators from station to station, and emergency generators were redeployed. With the power outage, internet was also down. "I used my smartphone to access the SmartCover website. This worked out really slick as I could check levels at the different stations and know where to tow the generators next." Busick explained.

"Any spill from a lift station would have been catastrophic as the volume from a wet well would be much greater than a typical SSO and the City of El Segundo is directly adjacent to the Pacific Ocean," said Busick.

"Thank you SmartCover for a great product and staff support that came through when needed. Because of SmartCover deployment I was able to enjoy the holidays rather than writing up spill reports."



Lift Station #2, El Segundo, CA