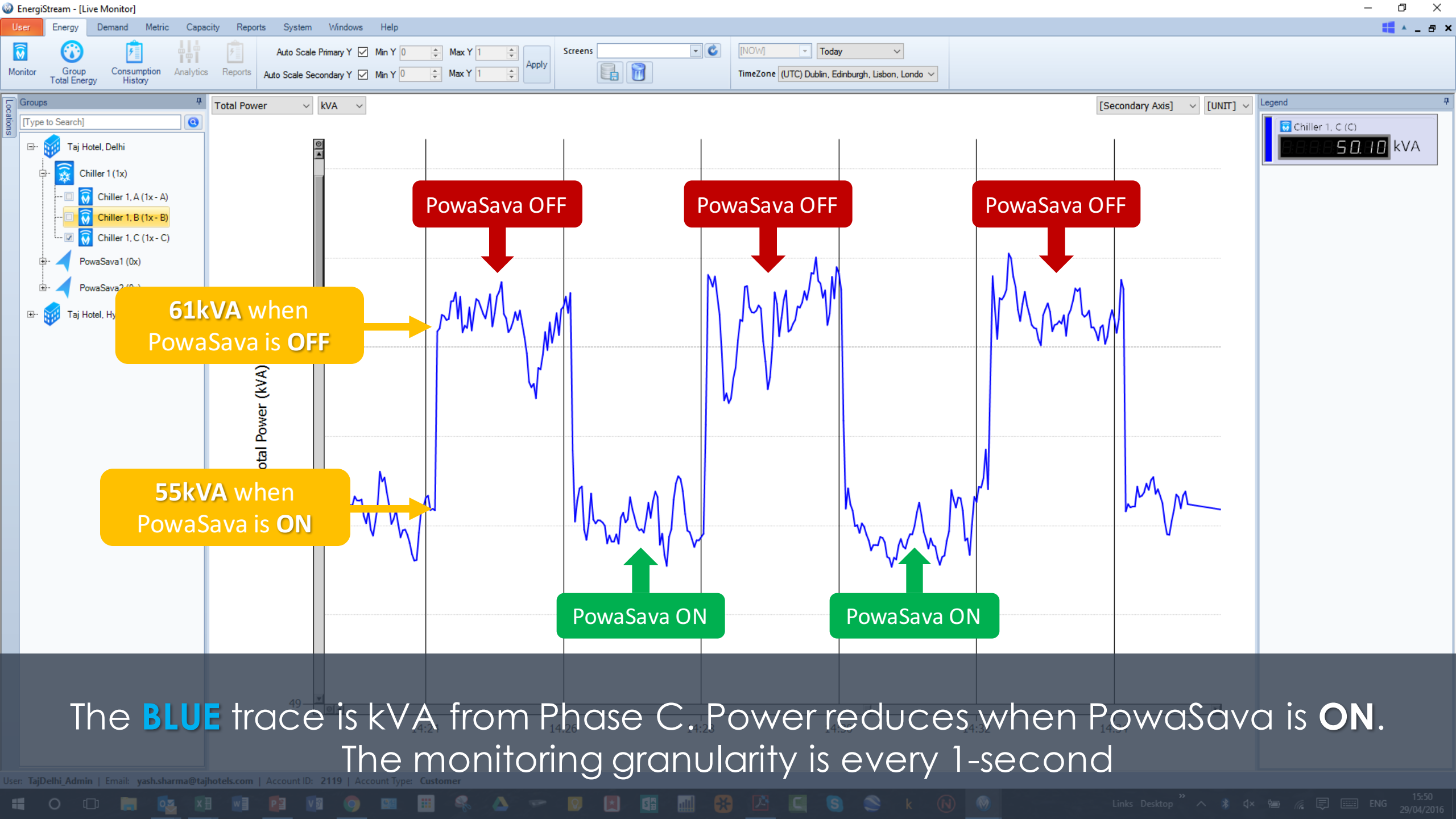


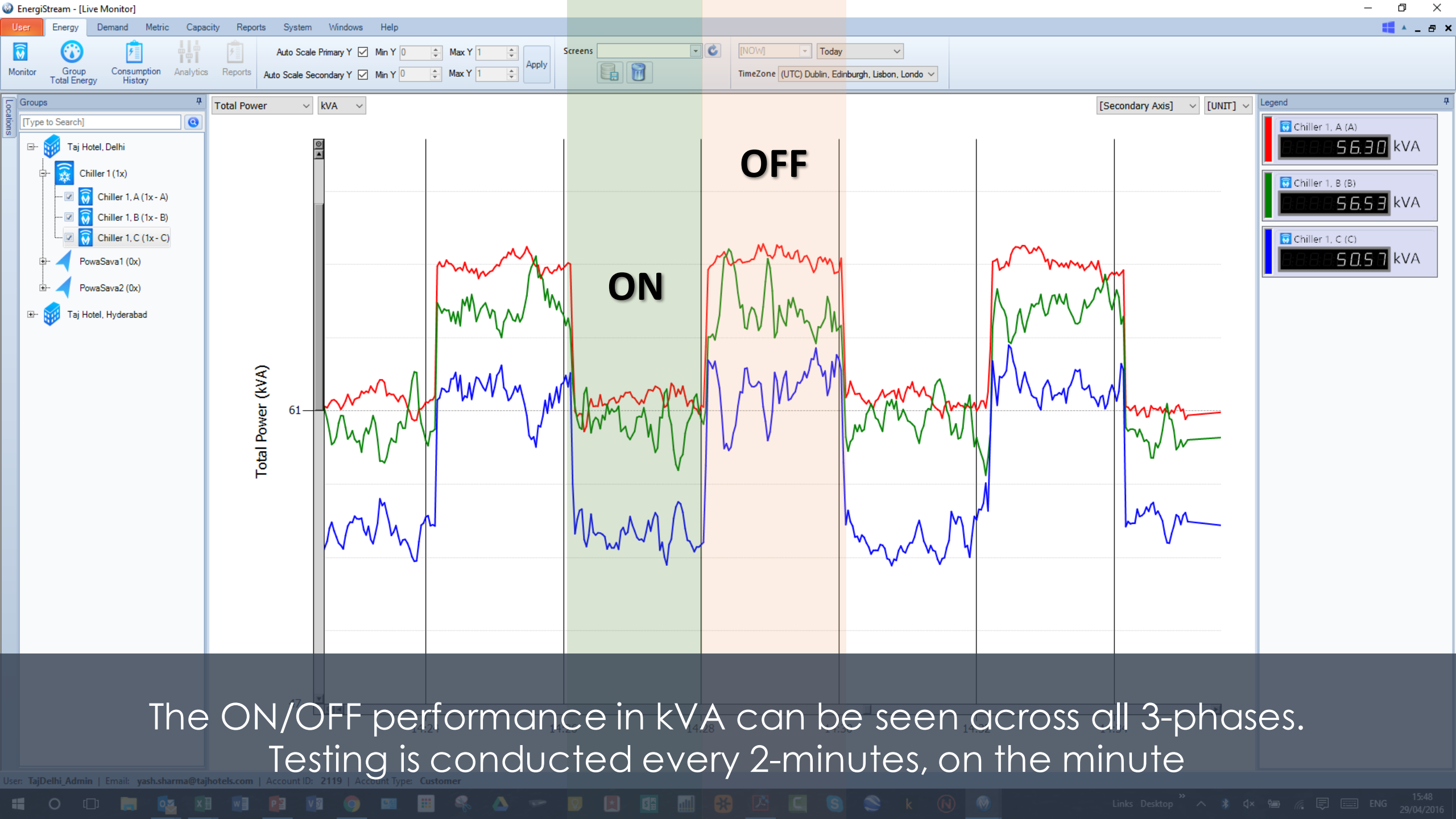
Test Overview for PowaSava fitted at Taj Hotel, New Delhi

2 x PowaSava units were fitted onto Chiller 1

29th April 2016



The **BLUE** trace is kVA from Phase C. Power reduces when PowaSava is **ON**.
The monitoring granularity is every 1-second



The ON/OFF performance in kVA can be seen across all 3-phases. Testing is conducted every 2-minutes, on the minute



PowaSava also provides improvements in Power Factor & kVAr reduction. The **RED** trace is Power Factor & the **BLUE** trace is kVAr

Test Results for ON/OFF Cycling, 29th April 2016

Time of Test	Test State	kva change at test second				Phase A test results	
		Phase A kVA change	Phase B kVA change	Phase C kVA change	Total KVA change	ON kVA reading	OFF kVA reading
1854	ON-OFF	6	6	6	18	68	62
1856	OFF-ON	7	5	8	20	68	61
1858	ON-OFF	7	5	8	20	68	61
1900	OFF-ON	6	6	7	19	68	62
1902	ON-OFF	7	8	7	22	68	61
1904	OFF-ON	7	6	8	21	68	61
Total kva changes		40	36	44	120		
Av kVA change over test period		20.0					
Number of installed PowaSava units		2					
kVA saving per PowaSava unit		10.0					

- Assume constant kVA load 360 days p.a.
- Cost of Electricity
- Savings from **1** PowaSava unit
- Cost for **1** PowaSava unit
- **ROI**

86,400 kVAh reduction
 Rs10 per kVAh
 Rs864,000 per annum
 Rs659,000 See Note 1
0.8 years

- Note 1: Unit cost does not include hardware and monitoring charges