

Measurement

What behaviors can be measured with this data? What are the limitations of those measures?

Printer Log

▲ ID ▲	Name	User	Size	Pages	State
HP_Color_LaserJet_CP4005-2	Word	joseph	605k	21	canceled at Thu Apr 16 14:48:13 2015 <i>"The printer is not responding."</i> completed at
HP_Color_LaserJet_CP4005-2	Chrome	andrew	605k	21	Thu Apr 16 14:49:21 2015 completed at
HP_Color_LaserJet_CP4005-2	Word	anna	17830k	46	Wed Apr 22 13:29:26 2015 completed at
HP_Color_LaserJet_CP4005-2	PDF	neil	527k	2	Wed Apr 22 13:38:32 2015 completed at
HP_Color_LaserJet_CP4005-2	PDF	neil	246k	2	Wed Apr 22 13:39:27 2015 completed at
HP_Color_LaserJet_CP4005-2	Chrome	neil	3291k	19	Thu Apr 23 10:55:47 2015 completed at
HP_Color_LaserJet_CP4005-2	PDF	neil	1697k	44	Thu Apr 23 10:57:04 2015 completed at
HP_Color_LaserJet_CP4005-2	Word	joseph	106k	32767	Fri Apr 24 13:52:33 2015 completed at
HP_LaserJet_Professional_P1606dn-9	Word	emily	239k	1	Mon Apr 27 08:24:42 2015
HP_LaserJet_Professional_P1606dn-10	PDF	emily	88k	2	completed at

						Mon Apr 27 08:26:07 2015
						completed at
HP_LaserJet_Professional_P1606dn-11	Firefox	emily	1155k	1		Mon Apr 27 08:28:25 2015
						completed at
HP_Color_LaserJet_CP4005-2	PDF	emily	420k	18		Mon Apr 27 10:12:22 2015
						completed at
HP_Color_LaserJet_CP4005-2	PDF PDF	anna	1364k	31		Mon Apr 27 10:13:33 2015
						completed at
HP_Color_LaserJet_CP4005-2	PDF	anna	798k	24		Mon Apr 27 10:19:41 2015
						completed at
HP_Color_LaserJet_CP4005-2	PDF	anna	197k	7		Mon Apr 27 10:20:03 2015
						completed at
HP_Color_LaserJet_CP4005-2	PDF	anna	1615k	18		Mon Apr 27 11:14:24 2015
						completed at
HP_Color_LaserJet_CP4005-2	PDF	anna	1548k	18		Mon Apr 27 11:14:59 2015
						completed at
HP_Color_LaserJet_CP4005-2	PDF	anna	716k	12		Mon Apr 27 11:25:48 2015
						completed at
HP_Color_LaserJet_CP4005-2	PDF	anna	998k	12		Mon Apr 27 11:30:21 2015
						completed at
HP_Color_LaserJet_CP4005-2	Word	anna	1955k	12		Mon Apr 27 11:31:31 2015
						completed at
HP_Color_LaserJet_CP4005-2	PDF	anna	716k	12		Mon Apr 27 11:31:42 2015

Web Access Log (nasa.gov)

in24.inetnebr.com - - [01/Aug/1995:00:00:01 -0400] "GET /shuttle/missions/sts-68/news/sts-68-mcc-05.txt HTTP/1.0" 200 1839
uplherc.upl.com - - [01/Aug/1995:00:00:07 -0400] "GET / HTTP/1.0" 304 0
slppp6.intermind.net - - [01/Aug/1995:00:00:10 -0400] "GET /history/skylab/skylab.html HTTP/1.0" 200 1687
133.43.96.45 - - [01/Aug/1995:00:00:16 -0400] "GET /shuttle/missions/sts-69/mission-sts-69.html HTTP/1.0" 200 10566
kgtyk4.kj.yamagata-u.ac.jp - - [01/Aug/1995:00:00:17 -0400] "GET / HTTP/1.0" 200 7280
d0ucr6.fnal.gov - - [01/Aug/1995:00:00:19 -0400] "GET /history/apollo/apollo-16/apollo-16.html HTTP/1.0" 200 2743
ix-esc-ca2-07.ix.netcom.com - - [01/Aug/1995:00:00:19 -0400] "GET /shuttle/resources/orbiters/discovery.html HTTP/1.0" 200 6849
www-c8.proxy.aol.com - - [01/Aug/1995:00:00:24 -0400] "GET /shuttle/countdown/ HTTP/1.0" 200 4324
slppp6.intermind.net - - [01/Aug/1995:00:00:32 -0400] "GET /history/skylab/skylab-1.html HTTP/1.0" 200 1659
in24.inetnebr.com - - [01/Aug/1995:00:00:34 -0400] "GET /shuttle/missions/sts-68/news/sts-68-mcc-06.txt HTTP/1.0" 200 2303
uplherc.upl.com - - [01/Aug/1995:00:00:43 -0400] "GET /shuttle/missions/sts-71/mission-sts-71.html HTTP/1.0" 200 13450
133.43.96.45 - - [01/Aug/1995:00:00:46 -0400] "GET /shuttle/resources/orbiters/endeavour.html HTTP/1.0" 200 6168
uplherc.upl.com - - [01/Aug/1995:00:00:55 -0400] "GET /shuttle/resources/orbiters/atlantis.html HTTP/1.0" 200 7025
www-c3.proxy.aol.com - - [01/Aug/1995:00:00:57 -0400] "GET /cgi-bin/imagemap/countdown70?285,291 HTTP/1.0" 302 85
www-c3.proxy.aol.com - - [01/Aug/1995:00:00:59 -0400] "GET /htbin/cdt_main.pl HTTP/1.0" 200 3714
in24.inetnebr.com - - [01/Aug/1995:00:01:02 -0400] "GET /shuttle/missions/sts-68/news/sts-68-mcc-07.txt HTTP/1.0" 200 1437
uplherc.upl.com - - [01/Aug/1995:00:01:13 -0400] "GET /shuttle/resources/orbiters/challenger.html HTTP/1.0" 200 8089
uplherc.upl.com - - [01/Aug/1995:00:01:17 -0400] "GET /history/apollo/apollo-17/apollo-17.html HTTP/1.0" 200 2732
ip-pdx6-54.teleport.com - - [01/Aug/1995:00:01:17 -0400] "GET /history/history.html HTTP/1.0" 200 1602
www-d3.proxy.aol.com - - [01/Aug/1995:00:01:20 -0400] "GET / HTTP/1.0" 200 7280
in24.inetnebr.com - - [01/Aug/1995:00:01:22 -0400] "GET /shuttle/missions/sts-68/news/sts-68-mcc-08.txt HTTP/1.0" 200 2215
piweba4y.prodigy.com - - [01/Aug/1995:00:01:32 -0400] "GET /history/history.html HTTP/1.0" 200 1602
uplherc.upl.com - - [01/Aug/1995:00:01:38 -0400] "GET /shuttle/missions/sts-71/images/images.html HTTP/1.0" 200 8529
133.43.96.45 - - [01/Aug/1995:00:01:39 -0400] "GET /shuttle/missions/sts-72/mission-sts-72.html HTTP/1.0" 200 3804
haraway.ucet.ufl.edu - - [01/Aug/1995:00:01:43 -0400] "GET /facilities/lc39a.html HTTP/1.0" 200 7008
133.68.18.180 - - [01/Aug/1995:00:01:48 -0400] "GET /persons/nasa-cm/jmd.html HTTP/1.0" 200 4067
ip-pdx6-54.teleport.com - - [01/Aug/1995:00:01:48 -0400] "GET /history/apollo/apollo.html HTTP/1.0" 200 3260
www-c3.proxy.aol.com - - [01/Aug/1995:00:01:48 -0400] "GET /shuttle/countdown/count.html HTTP/1.0" 200 73231
endeavor.fujitsu.co.jp - - [01/Aug/1995:00:01:51 -0400] "GET /shuttle/missions/sts-68/ksc-srl-image.html HTTP/1.0" 200 1404
www-d3.proxy.aol.com - - [01/Aug/1995:00:01:52 -0400] "GET /shuttle/missions/sts-71/mission-sts-71.html HTTP/1.0" 200 13450

in24.inetnebr.com - - [01/Aug/1995:00:01:54 -0400] "GET /shuttle/missions/sts-68/news/sts-68-mcc-09.txt HTTP/1.0" 200 2166
205.163.36.61 - - [01/Aug/1995:00:01:55 -0400] "GET /shuttle/countdown/countdown.html HTTP/1.0" 200 4324
rpgopher.aist.go.jp - - [01/Aug/1995:00:01:58 -0400] "GET /ksc.html HTTP/1.0" 200 7280
139.230.35.135 - - [01/Aug/1995:00:02:02 -0400] "GET /shuttle/missions/sts-49/mission-sts-49.html HTTP/1.0" 200 9271
ip-pdx6-54.teleport.com - - [01/Aug/1995:00:02:03 -0400] "GET /history/apollo/apollo-13/apollo-13.html HTTP/1.0" 200 18556
piweba4y.prodigy.com - - [01/Aug/1995:00:02:04 -0400] "GET /history/apollo/apollo.html HTTP/1.0" 200 3260
205.163.36.61 - - [01/Aug/1995:00:02:10 -0400] "GET /cgi-bin/imagemap/countdown70?342,281 HTTP/1.0" 302 98
piweba1y.prodigy.com - - [01/Aug/1995:00:02:13 -0400] "GET / HTTP/1.0" 200 7280
165.213.131.21 - - [01/Aug/1995:00:02:15 -0400] "GET /procurement/procurement.html HTTP/1.0" 200 3646
205.163.36.61 - - [01/Aug/1995:00:02:15 -0400] "GET /shuttle/countdown/liftoff.html HTTP/1.0" 304 0
haraway.ucet.ufl.edu - - [01/Aug/1995:00:02:20 -0400] "GET /facilities/mlp.html HTTP/1.0" 200 2653
rpgopher.aist.go.jp - - [01/Aug/1995:00:02:27 -0400] "GET /shuttle/countdown/ HTTP/1.0" 200 4324
slppp6.intermind.net - - [01/Aug/1995:00:02:30 -0400] "GET /history/skylab/skylab-2.html HTTP/1.0" 200 1478
in24.inetnebr.com - - [01/Aug/1995:00:02:32 -0400] "GET /shuttle/missions/sts-68/news/sts-68-mcc-10.txt HTTP/1.0" 200 1712
rpgopher.aist.go.jp - - [01/Aug/1995:00:02:45 -0400] "GET /cgi-bin/imagemap/countdown70?181,275 HTTP/1.0" 302 110
rpgopher.aist.go.jp - - [01/Aug/1995:00:02:47 -0400] "GET /shuttle/missions/sts-70/movies/movies.html HTTP/1.0" 200 2979
www-d3.proxy.aol.com - - [01/Aug/1995:00:02:54 -0400] "GET /shuttle/countdown/ HTTP/1.0" 200 4324
in24.inetnebr.com - - [01/Aug/1995:00:02:57 -0400] "GET /shuttle/missions/sts-68/news/sts-68-mcc-11.txt HTTP/1.0" 200 2187
rpgopher.aist.go.jp - - [01/Aug/1995:00:03:14 -0400] "GET /shuttle/missions/sts-70/movies/woodpecker.mpg HTTP/1.0" 200 190269
piweba1y.prodigy.com - - [01/Aug/1995:00:03:22 -0400] "GET /history/history.html HTTP/1.0" 200 1602
in24.inetnebr.com - - [01/Aug/1995:00:03:28 -0400] "GET /shuttle/missions/sts-68/news/sts-68-mcc-12.txt HTTP/1.0" 200 1881
gw1.att.com - - [01/Aug/1995:00:03:33 -0400] "GET /shuttle/missions/sts-73/mission-sts-73.html HTTP/1.0" 304 0
haraway.ucet.ufl.edu - - [01/Aug/1995:00:03:39 -0400] "GET /shuttle/missions/sts-71/mission-sts-71.html HTTP/1.0" 200 13450
ai.asu.edu - - [01/Aug/1995:00:03:45 -0400] "GET / HTTP/1.0" 200 7280
haraway.ucet.ufl.edu - - [01/Aug/1995:00:03:47 -0400] "GET /shuttle/technology/sts-newsref/sts_asm.html HTTP/1.0" 200 71654
in24.inetnebr.com - - [01/Aug/1995:00:03:51 -0400] "GET /shuttle/missions/sts-68/news/sts-68-mcc-13.txt HTTP/1.0" 200 1909
ai.asu.edu - - [01/Aug/1995:00:03:52 -0400] "GET /facts/facts.html HTTP/1.0" 200 4722

Call Detail Records

DateTime	Transaction	LineID From	LineID To	Duration	Charge	Location From	Location To	HandsetID From	HandsetModel From
1/1/05 1:04	call	67	40	1996	6187.6	1	73	67	blackberry curve
1/1/05 1:13	call	96	20	84	260.4	34	22	96	nokia-1100
1/1/05 1:28	balance inquiry	35			0	3	50	35	nokia-1200
1/1/05 1:29	call	66	2	246	762.6	1	23	66	nokia-1100
1/1/05 1:38	call	58	35	192	595.2	4	98	58	motorola-c113
1/1/05 1:44	call	77	4	486	1506.6	24	70	77	motorola-c113
1/1/05 2:09	call	34	24	782	2424.2	2	9	34	nokia-1100
1/1/05 2:16	call	38	12	424	1314.4	24	46	38	nokia-1100
1/1/05 2:27	call	33	32	4	12.4	2	20	33	blackberry curve
1/1/05 2:28	call	88	63	791	2452.1	6	26	88	nokia-1200
1/1/05 2:35	balance inquiry	90			0	4	47	90	nokia-1100
1/1/05 2:36	call	51	82	58	179.8	40	38	51	motorola-c113
1/1/05 2:48	call	11	7	15	46.5	150	94	11	motorola-c113
1/1/05 3:04	sms	35	33		50	95	95	35	nokia-1200
1/1/05 3:16	call	34	77	44	136.4	12	74	34	nokia-1100
1/1/05 3:23	call	76	48	430	1333	10	3	76	blackberry curve
1/1/05 3:33	call	69	24	22	68.2	11	95	69	motorola-c113
1/1/05 3:46	balance inquiry	6			0	58	7	6	nokia-1200
1/1/05 3:48	call	96	31	157	486.7	42	75	96	nokia-1100
1/1/05 4:01	call	36	1	195	604.5	59	55	36	nokia-1100
1/1/05 4:16	topup	77			-1000	45	32	77	motorola-c113
1/1/05 4:22	call	32	36	25	77.5	69	84	32	blackberry curve
1/1/05 4:31	topup	10			-1000	46	20	10	blackberry curve
1/1/05 4:43	sms	11	63		50	22	9	11	motorola-c113
1/1/05 4:52	topup	35			-1000	20	91	35	nokia-1200
1/1/05 5:00	call	63	11	361	1119.1	84	98	63	nokia-1100

Emails (Enron Corpus)¹

I will be out of the office next week on Spring Break. Can you participate on this call? Please report what is said to Christian Yoder 503-464-7845 or Steve Hall 503-4647795

03/09/2001 05:48 PM

I don't know, but I will check with our client.

Our client Avista Energy has received the communication, below, from the ISO regarding withholding of payments to creditors of monies the ISO has received from PG&E. We are interested in whether any of your clients have received this communication, are interested in this issue and, if so, whether you have any thoughts about how to proceed.

You are invited to participate in a conference call to discuss this issue on Monday, March 12, at 10:00 a.m.

Call-in number: (888) 320-6636

Host: Pritchard

Confirmation number: 1827-1922

Diane Pritchard

Morrison & Foerster LLP

425 Market Street San Francisco, California 94105

Hey Fritz. I am going to send you an email that attaches a referral form to your job postings. In addition, I will also personally tell the hiring manager that I have done this and I can also give him an extra copy of your resume. Hopefully we can get something going here....

Tori,

I received your name from Diane Hoyuela. You and I spoke back in 1999 about the gas industry. I tried briefly back in 1999 and found few opportunities during de-regulations first few steps. Well,...I'm trying again. I've been applying for a few job openings at Enron and was wondering if you could give me an internal referral. Also, any advice on landing a position at Enron or in general as a scheduler or analyst.

Last week I applied for these positions at Enron; gas scheduler 110360, gas analyst 110247, and book admin. 110129. I have a pretty good understanding of the gas market.

I've attached my resume for you. Congrats. on the baby! I'll give you a call this afternoon to follow-up, I know mornings are your time.

Regards,

Fritz Hiser

¹ These examples drawn from <http://rforwork.info/2013/11/03/a-rather-nosy-topic-model-analysis-of-the-enron-email-corpus/>

Phillip, Scott, Hunter, Tom and John -

Just to reiterate the new trading guidelines on PG&E Energy Trading:

1. Both financial and physical trading are approved, with a maximum tenor of 18 months

2. Approved entities are: PG&E Energy Trading - Gas Corporation
PG&E Energy Trading - Canada Corporation

NO OTHER PG&E ENTITIES ARE APPROVED FOR TRADING

3. Both EOL and OTC transactions are OK

4. Please call Credit (ext. 31803) with details on every OTC transaction. We need to track all new positions with PG&E Energy Trading on an ongoing basis. Please ask the traders and originators on your desks to notify us with the details on any new transactions immediately upon execution. For large transactions (greater than 2 contracts/day or 5 BCF total), please call for approval before transacting.

Thanks for your assistance; please call me (ext. 53923) or Russell Diamond (ext. 57095) if you have any questions.

Jay

very funny today...during the free fall, couldn't price jv and xh low enough on eol, just kept getting cracked. when we stabilized, customers came in to buy and couldn't price it high enough. winter versus apr went from +23 cents when we were at the bottom to +27 when april rallied at the end even though it should have tightened theoretically. however, april is being supported just off the strip. getting word a lot of utilities are going in front of the puc trying to get approval for hedging programs this year.

hey johnny. hope all is well. what u think hrere? utuilites buying this break

down? charts look awful but 4.86 ish is next big level.
jut back from skiing in co, fun but took 17 hrs to get home and a 1.5 days to get there cuz of twa and weather.

Fran, do you have an updated org chart that I could send to the Measurement group?

Thanks. Lynn

Cc: Estalee Russi

Lynn,

Attached are the org charts for ETS Gas Logistics:

Have a great weekend. Thanks!

Mirand

Bill,

As per our conversation today, I am sending you an outline of what we intend to be doing in Ercot and in particular on the real-time desk. For 2002 Ercot is split into 4 zones with TCRs between 3 of the zones. The zones are fairly diverse from a supply/demand perspective. Ercot has an average load of 38,000 MW, a peak of 57,000 MW with a breakdown of 30% industrial, 30% commercial and 40% residential. There are already several successful aggregators that are looking to pass on their wholesale risk to a credit-worthy QSE (Qualified Scheduling Entity).

Our expectation is that we will be a fully qualified QSE by mid-March with the APX covering us up to that point. Our initial on-line products will include a bal day and next day financial product. (There is no day ahead settlement in this market). There are more than 10 industrial loads with greater than 150 MW concentrated at single meters offering good opportunities for real-time optimization. Our intent is to secure one of these within the next 2 months.

I have included some price history to show the hourly volatility and a business plan to show the scope of the opportunity. In addition, we have very solid analytics that use power flow simulations to map out expected outcomes in the real-time market.

The initial job opportunity will involve an analysis of the real-time market as it stands today with a view to trading around our information. This will also drive which specific assets we approach to manage. As we are loosely combining our Texas gas and Ercot power desks our information flow will be superior and I believe we will have all the tools needed for a successful real-time operation.

Let me know if you have any further questions.

Thanks,

Doug