

SMART METER OPT-OUT-CHART

UTILITY	ONE-TIME CHARGE	MONTHLY CHARGE	OPT-OUT OPTION	NOTES
CANADA				
British Columbia: BC Hydro²	NO FEE \$23.60 (plus \$55 charge to exit Opt Out and accept Smart Meter) \$65.00 "failed installation charge" if a customer refuses meter exchange or obstructs access	\$32.40 legacy \$20 radio-off	Current Meter (ANALOG or DIGITAL) – RADIO-OFF METER: when customer moves, (analogue meters no longer available) once you have a smart Meter, you are no longer eligible to make a choice RADIO-OFF METER	B.C. Utilities Commission interim approval ³ . April 25, 2014 – BC Hydro Application for Approval of Charges Related to Meter Choices Program – Decision ⁴ The BCUC decision notes: "As a result of the prescriptive nature of Direction No. 4, the issues within scope in this public hearing are very narrow. They are limited to whether the proposed charges would enable BC Hydro to recover expenditures that are considered program costs, investigation costs and infrastructure costs to the extent that BC Hydro requests their recovery and the amount of the failed installation charge." ⁵
British Columbia: FortisBC	\$88 for those with an unwanted Smart Meter ("AMI meter") \$60 for those who choose a radio-off AMI meter	\$9 (\$18 per read every 2 months)	RADIO-OFF METER	
Saskatchewan: SaskPower				Sask's Smart Meter program was derailed when the province ordered SaskPower to remove 165,000 smart meters due to fires. They have now undergone a pilot project with 17,000 volunteers and the program will recommence in Jan. 2022. Smart Meters are not mandatory. Customers will have a choice as to whether to opt in. ⁶

¹ BC Hydro Meter Choice

http://www.bchydro.com/newsroom/bchydro-energy-services/technology/smart-meter-choice.html?WT.mc_id=at_metrochoice

² "Radio-Off Meter" means a smart meter adjusted so that the meters components that transmit data by radio are deactivated http://www.bcuuc.com/Documents/SpecialDirections/2013/DOC_36246_A-1_G-166-13_BCH-Meter-Choice-Program.pdf

³ BC Utilities Commission Order G-166-13.

http://www.bcuuc.com/Documents/Proceedings/2013/DOC_36246_A-1_G-166-13_BCH-Meter-Choice-Program.pdf

⁴ April 25, 2014 - BC Hydro Application for Approval of Charges Related to Meter Choices Program – Decision http://www.bcuuc.com/Documents/Proceedings/2014/DOC_41366_04-25-2014_BCH%20Meter%20Choice-Decision-G-99-14.pdf

Table 5 Initial, Monthly and Exit Charges, page 7 summarizes fees

⁵ <http://www.fortisbc.com/About/Projects/Planning/ElectrifyingYourCommunity/AdvancedMeteringInfrastructure/Pages/Radio-off-option.aspx>

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Quebec: Hydro-Québec	\$85 initial installation charge for a non-communicating meter	\$2.50	NON-COMMUNICATING ELECTRONIC METER	Reductions to the original fees were made as of April 2021 in the updated Conditions of Service document. ¹ Hydro-Québec reduced fees in May 2014, but in a ruling released Sep 24, 2014, the Régie de l'énergie found that even the reduced fees were too high and ordered Hydro-Québec to cut them by nearly 60 per cent. ² Energy Minister Pierre Arcand said he was happy with the ruling, calling it a victory for consumers. "We don't need to penalize the consumer who use those kinds of meters," he said. ³
Quebec: Hydro Westmount	\$99 (waived if the analog has expired) ⁴	\$5	NON-RF METER	By law adopted April 8, 2014.
Ontario (opt-out NOT available)⁵	* can seek EHS diagnosis or send a notice of liability letter to utility			Accessibility for Ontarians with Disabilities Act, 2005, s.11 Can seek EHS diagnosis from an environmental doctor at Women's College Hospital: Dr. Rina Bray rinabraymd.ca or Dr. Karen Northey porthopehealthcentre.com (may need initial referral from your family doctor) More resources: https://remainsnaped.substack.com/p/electrosensitivity

<https://www.cbc.ca/news/canada/saskatchewan/smart-meters-sask-1.6249987>

<https://www.hydroquebec.com/data/documents-donnees/pdf/conditions-service-en.pdf> pg. 12

⁶ Hydro-Québec ordered to reduce opt-out fee, CBC News, Sep 24, 2014

⁷ City brings in promised opt-out from RF Hydro Meters, Westmount Independent, April 15, 2014 <http://citizenforafuturetechnology.org/City-brings-in-promised-opt-out-from-RF-Hydro-Meters-Westmount-Quebec-15-0886>

PDF of original article: http://www.westmountindependent.com/Wjw08_8.pdf

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UNITED STATES				
Arkansas: Entergy Shared Service	\$63.50	\$21.80	Maintain non-communicating meter	Entergy Shared Services approved in 2019. ¹⁰ No changes to date.
Arizona: Tucson Electric Power (TEP)	\$38 set up	\$26/mo.	ELECTRO- MECHANICAL/ANALOG –	Arizona Corporation Commission approved Feb. 2017 ¹¹
Arizona: Arizona Public Service¹²	No fee for existing analog meters \$50 analog re-installation fee if Smart Meter is already installed	\$5	ANALOG	Docket No. E-01345A-13-0069- "ORDER: IT IS THEREFORE ORDERED that Arizona Public Service Company's Service Schedule 17 is approved as modified by Staffs Alternative 1 except that the monthly meter reading charge is set at five dollars (\$5) and that a one-time fifty dollars set-up fee be assessed only for those Arizona Public Service Company customers with an AMI meter already in place." ¹⁴



¹⁰ Utility 'smart meters' raise health, expense concerns, Arizona Daily Star, May 16, 2013 http://fastar.net.com/mob/fates/article_e0579a26-59b3-5dfe-ad09-ef186844025.html

¹¹ TEP new fee unfair, Arizona Daily Star, April 1, 2017 http://tucson.com/business/tucson/tep-s-new-fee-for-old-school-electric-meters-unfair/article_bcd04ea5-6496-5031-a884-26acc5e7d6c3.html

UTILITY	ONE-TIME CHARGE	MONTHLY CHARGE	OPT-OUT OPTION	NOTES
				The Utility had proposed a one-time fee of \$75 plus \$30 a month. ¹⁵
Arizona: Salt River Project	NO FEE	\$20.00	ANALOG With the \$20 fee, customers can keep their analog meter permanently	
Arizona: UNS Electric, Santa Cruz & Mohave Counties	?	\$26	Analog	PUC decision Feb. 2017 ¹⁶
California: Liberty Energy			No cost analog opt out for those with a doctor's letter.	This is unofficial.
California	\$75.00 \$10.00 for low-	\$10.00; or \$5.00 for low-	ANALOG Opt-Out Fees sunset (i.e. are no	California offered the first Opt Out in the United States.

¹⁵ State settles 'smart' meter debate, The Republic | azcentral.com, December 13, 2014 <http://www.azcentral.com/story/money/business/2014/12/13/state-settles-smart-meter-debate/2034327/>

¹⁶ Docket No. E-01345A-13-0069 BEFORE THE ARIZONA CORPORATION COMMISSION. IN THE MATTER OF ARIZONA PUBLIC SERVICE COMPANY APPLICATION FOR APPROVAL OF AUTOMATED METER OPT-OUT SERVICE SCHEDULE 17 <http://www.azcentral.com/story/money/business/2014/12/13/state-settles-smart-meter-debate/2034327/>

¹⁷ APS smart meters worry residents, Verde Independent, Oct 11, 2013 <http://verdenews.com/main.asp?SectionID=1&SubSectionID=1&ArticleID=56641>

¹⁸ TEP new fee unfair, Arizona Daily Star, April 1, 2017 http://tucson.com/business/tucson/tep-s-new-fee-for-old-school-electric-meters-unfair/article_bcd04ea5-6496-5031-a884-26acc5e7d6c3.html

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	income customers ¹⁷	income customers	longer charged, after the Customer has paid the required monthly Opt-Out fees for the same residence for three years from the date of installation. For all Opt-Out Customers, readings by a meter reader are bimonthly; the non-read month is estimated.	Effective April 2012, The California Public Utilities Commission ruled to permanently allow residential Customers of electricity companies under their jurisdiction to keep their current analog meter permanently or request an analog meter be installed to replace a smart or other digital meter at any time by contacting the CPUC-regulated electricity company and paying the required monthly Opt-Out fees. ¹⁸ Note: In the September 12, 2015 case of Nice Company versus Plumas-Sierra Rural Cooperative, Los Altos County Judge Judy Body ruled that Opt-Out fees violate state discrimination laws. Plaintiff claimed she suffers and is disabled from electromagnetic hypersensitivity, and Defendant cut off her electricity for not paying Opt-Out fees. ¹⁹

California: Los Angeles Department of Water and Power (LADWP) - \$2,000-meter pilot project	NO FEE	NO FEE – including free reinstallation of analog meter. ²⁶	ANALOG	Marcelo Di Paolo, manager of the LADWP Smart Grid project, has stated that the project is "purely a volunteer optional program" and that the community can "pick and actually choose whether or not to participate." ²⁵
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²⁵ PUC Orders PG&E to Offer Analog Meters as Sole Smart Meter Opt-Out Option, La Mesa – Mount Hella Patch, January 17, 2012. <http://lamesa.patch.com/groups/susan-brinckmans-blog/6/pg-puc-orders-pge-to-offer-analog-meters-as-smart-met4240673a/>

²⁶ California Public Utilities Commission's Decision Modifying Pacific Gas and Electric Company's Smart Meter Program to Include an Opt-out Plan: http://docs.cpuc.ca.gov/ward_pdf/AGENDA_DECISION/158399.pdf

²⁷ Judge rules electric co-violated discrimination laws, Plumas County News, May 4, 2015 <http://plumasnews.com/index.php/11744-judge-rules-electric-co-violated-discrimination-laws>

²⁸ LADWP letter to customer <http://topmartgrid.org/>

UTILITY	ONE-TIME CHARGE	MONTHLY CHARGE	OPT-OUT OPTION	NOTES
California: Sacramento Municipal Utility District (SMUD) - Sacramento County	\$127 (can be spread out over 3 years) ²⁷	\$14 (meter read every third month)	DIGITAL meter with Time-of-Use (TOU) Bi-Directional metering capabilities, and Electronic LCD display (NTDM from Centron meter or Itron Sentine Meter) – OR GE I70-S ANALOG meter if requested.	some people have experienced health issues with the digital meters; ANALOG replacements are available on request
California: Siskiyou County - Pacific Power	NO FEE	\$36		
Colorado: Boulder – Xcel Energy			No provisions offered for opting out!	
Colorado: La Plata Electric Association	\$6.67 (\$20 per quarter) ²⁸	NO FEE	ANALOG	
Florida: Clay Electric		\$30.00 to maintain a digital meter.	No provisions for keeping the analog meters.	Possibility that this Opt-Out program may now be closed. New clients not allowed to register to Opt-Out.

²⁹ Cindy Sage challenges the "Smart" in LADWP's "Smart" Grid; LADWP project manager guarantees "smart" meters are optional! May 14, 2013 <http://www.itsmarts.com/news/2013/05/14/cindy-sage-challenges-the-smart-in-ladwps-smart-grid/>

³⁰ Chying out of SMUD smart meters. <http://www.itsmarts.com/news/2013/05/14/cindy-sage-challenges-the-smart-in-ladwps-smart-grid/>

³¹ Smart meter opt-out allowed. <http://www.itsmarts.com/news/2013/05/14/cindy-sage-challenges-the-smart-in-ladwps-smart-grid/>

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Florida: Areas serviced by Duke Energy	\$96.34 per meter	\$15.60 per meter	Non-communicating meter	Duke Energy Web Page. ³⁴
Florida: Florida Power & Light Co.	\$89 ³⁵ (reduced from proposed \$109) ³⁶	\$13 (reduced from proposed \$16)	Current meter (ANALOG), then NON-COMMUNICATING METER when it needs replacement. ³⁷	Acting as attorney on behalf of opt-out customers, a former Florida Public Service Commissioner filed a petition with FPSC March 31, 2014 objecting to the fees, arguing that FPL is seeking advanced recovery for the cost of possibly unnecessary visits to customers who simply keep their old meters. The petition also says that the fees fail to account for the cost savings because FPL did not have the expense of installing a meter for those who opted out. (In 2010 an FPL official testified that the Smart Meters would save \$30 million by 2013, but the projected savings have not materialized). ³⁸
Florida: The City of Lakeland electric utility	NO FEE for those who opted out before March 1, 2013. \$65-meter equipment fee after March 1	\$16.25	ANALOG	Lakeland City commissioners approved fees November 5, 2012. ³⁹

³⁴ <http://www.duke-energy.com/our-company/about-us/smart-grid/smart-meter/smart-meter-opt-out>

³⁵ Florida Public Service Commission News Releases Florida PSC Reduces FPL Non-Standard Meter Customer Charge, Dec 18, 2014 <http://www.psc.state.fl.us/home/news/index.asp?td=1714>

³⁶ FPL sets higher charge for customers refusing smart meters, Orlando Sentinel, January 7, 2014 http://www.orlandosentinel.com/business/os-dumb-electric-meter-charge-20140107_4390998.story http://www.wpr.com/dps/news/region_c_palm_beach_county/west_palm_beach/fpl-smart-meter-update-there-will-be-a-monthly-fee-if-you-refuse-a-smart-meter#ixzz2x8t02U

³⁷ Florida Public Service Commission Docket # 130223, filed by Florida Power & Light <http://www.floridapsc.com/sockets/csm/sockets/lines3.aspx?Dockets130223>

³⁸ Former PSC commissioner files smart meter petition on behalf of Loxahatchee couple, Palm Beach Post, March 31, 2014 <http://www.palmbeachpost.com/news/news/former-psc-commissioner-files-smart-meter-petition/099f/>

UTILITY	ONE-TIME CHARGE	MONTHLY CHARGE	OPT-OUT OPTION	NOTES
Georgia: Georgia Power	No Fee to keep analog meter No fee to have Smart Meter removed.	\$19 ⁴⁰	ANALOG – (keep old one or have analog re-installed after Smart Meter removed) ³⁸	On December 17, 2013 the Georgia Public Service Commission approved a Smart Meter Opt-Out tariff as part of Georgia Power's 2013 rate case. Customers who opt out of having a smart meter installed and prefer to maintain a mechanical meter at their residence or facility can now do so with a basic service charge of \$19 per month. Customers can also request removal of their smart meters for no extra charge.
Hawaii: The Kaula Island Utility Cooperative	\$50.64 residential \$138.80 commercial ⁴²	\$10.27	ANALOG	Approved by the Hawaii Public Utilities Commission Nov 2013 ⁴¹ Kaula Island Utility Cooperative voted to keep the fees Jan 2014 ⁴⁰
Hawaii: Hawaiian Electric Co				HECO proposes that residential customers can keep their analog meter for a monthly fee of about \$15. ³⁵

³⁹ Lakeland Officials Approve Fee to Opt-Out of Smart Meter Program, The Ledger, November 5, 2012 <http://www.theledger.com/article/2012/11/05/POLITICS/13109627>

⁴⁰ For a price, Georgia Power customers can opt out of smart meters, SavannahNow.com, January 22, 2014 <http://savannahnow.com/exchange/2014-01-22/price-georgia-power-customers-can-opt-out-smart-meters/140103036>

⁴¹ Georgia Public Service Commission Smart Meter Q & A <http://www.psc.state.ga.us/electric/smartmeter/>

⁴² Non-smart meters fees approved, The Garden Island, November 3, 2013 http://thegardenisland.com/news/local/non-smart-meters-fees-approved/article_f64efb23-444f-11e3-a7eb-0019b2963f4e.html

⁴³ KIUC ballot set, election begins Jan. 3, The Garden Island, December 18, 2013 http://thegardenisland.com/news/local/kiuc-ballot-set-election-begins-jan/article_2977430-67ab-11e3-b977-0019b2963f4e.html

⁴⁴ Kaula utility votes to keep smart meter opt-out fees, Star-Advertiser, Jan 26, 2014 http://www.staradvertiser.com/news/breaking/20140126_kaula_utility_votes_to_keep_smart_meter_opt_out_fees.html?cid=242021241

⁴⁵ HECO proposes smart meter opt-out for residential customers. <http://www.khon2.com/2014/04/01/hawaiian-electric-companies-propose-plan-for-smart-grid-technology/>

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Idaho			None	
Illinois: City of Naperville	Electric: \$81.00 Water: \$31.29 Electric & Water: \$112.29	\$31.44 \$31.44 \$38.84	The city offers a non-wireless meter alternative (NWM) to the smart meter.	Naperville owns & operates the Electric and Water systems. ⁴⁶
Illinois: Commonwealth Edison Co - northern Illinois service territory		\$21.53	ANALOG	****As of August 2015, ComEd does not offer a permanent opt-out. A resident can get a delay and pay the \$21.53 per month until ComEd credits around at the end of deployment and puts on a smart meter. ComEd has 4,000,000 customers in Illinois.
Illinois: Ameren Illinois -both electric and natural gas meters	No Fee to keep analog; \$70 to reinstall analog if customers change their mind. ⁴⁸	\$20.00	ANALOG	The Illinois Commerce Commission approved the fees Sept. 3, 2014
Indiana: Duke Energy Customers	\$75 per account	\$17.50 per account		Will waive initial fee if notified within 21 days of receiving installation post card. ⁴⁹
Indiana: Parke County Rural	\$75 Fee per account to opt out or reinstall an	\$75	ANALOG/Legacy Meter or a	Rules and Regulations for Electric Service Parke County ⁴⁹

⁴⁶ <http://smartsgridawareness.org/2012/01/11/naperville-impliments-smart-meter-meters/#more-16415>

⁴⁷ No smart meter for you? It'll cost you, ChicagoBusiness.com, February 06, 2014 <http://www.chicagobusiness.com/article/20140206/NEWS/140200838/no-smart-meter-for-you-ill-cost-you>

⁴⁸ "Smart meter" refusal comes at a cost, herald-review.com, September 22, 2014 http://herald-review.com/news/local/smart-meter-refusal-comes-at-a-cost/article_d95964-ectf-53ba-8347_4aa4f4c9d0.html

⁴⁹ <http://www.duke-energy.com/our-company/about-us/smart-grid/smart-meter/smart-meter-opt-out>

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Electric Membership Corporation (EMC)	analog.		non-communicating smart meter	
Iowa: Utility Board re. Alliant Energy	No fee	No Fee	ANALOG allowed until needing to be replaced	Feb. 2019 Iowa Utilities Board rejected Alliant's request to charge a \$15 monthly fee to customers opting out of the smart meter installation. ⁴⁵
Kansas			Implementation left to each utility's discretion	
Kentucky: Frankfort Duke Energy Kentucky	\$100.00 if Smart Meter already installed	\$25.00/mo.		Kentucky Public Service Commission rules re. opt-out fees. Duke Energy Kentucky to track costs & benefits of the system. ⁴⁵
Maine: Central Maine Power	a. \$40 b. \$20.00	a. \$15.66/July 1, 2020) ⁴⁴ b. \$13.98 ⁴⁶	a. ELECTRO-MECHANICAL b. a standard wireless smart meter with the internal network interface card operating in receive-only mode (transmitter off)	On July 7, 2020 a lawsuit was filed against CMP re. charging of this fee when medical professionals say the plaintiff should reduce exposure to EMF from wireless devices. See Footnote #41 On May 17, 2011 the Maine Public Utilities Commission ordered CMP to create an opt-out program for customers who do not want a wireless smart meter. ⁴⁵ Revisited with proposed effective date July 1, 2017. As of July 2012, the Maine Supreme Judicial Court has ruled that the PUC failed to properly address health and safety concerns.

New York: Central Hudson Gas & Electric Corp. (Ulster County)	\$49.00 to turn off the transmitter	\$0.00	No charge to keep analogs until they are no longer working properly. Then may have a non-transmitting meter – no re-manufactured analogs allowed.	Ulster County legislators voted 12-0 December 17, 2014 in favor of a resolution urging the state Legislature prohibit electric utilities from forcing consumers to use so-called smart meters or transmitting utility meters on their homes. ⁶⁶ Central Hudson Utilities use one-way communicating meters, not two way like
New York: Con Ed Westchester		\$9.50	Smart meters can be removed...\$104.74 for electric and \$93.81 for gas	
New Mexico: New Mexico Gas Company	NO FEE	NO FEE	ANALOG – SELF READ: Customers send in own meter readings once a month	The New Mexico Public Regulation Commission, on March 19, 2018, ruled that the application by the Public Service Company of New Mexico (PNM) for approval of Advanced Metering Infrastructure was denied. The commission ruled that the application did not provide a net public benefit and does not promote the public interest. ⁶⁸

⁶⁶ Long Island Gas, The KEDLI Gas Company U - Decline AMR Meter Application Form (National Grid - Customer Service 1-800-930-5003) http://files.meritup.com/1314058/UGAS_DECLINE_AMR_Meter.pdf

⁶⁷ Ulster County lawmakers back opt-out proposal for electronic utility meters, Daily Freeman, Dec/17, 2013/13 <http://www.dailyfreeman.com/general-news/2013/12/17/ulster-county-lawmakers-back-opt-out-proposal-for-electronic-utility-meters#comments>

⁶⁸ Central Hudson Gas & Electric Corporation (Ulster County) Application Form - https://www.cenhud.com/static_files/cenhud/assets/pdf/EET_optoutapplication.pdf
<https://www.eta.gov/PDF/News/20/MexicoNewMexico-proc-4-11-18-15-00132-ud-final-order.pdf>

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North Carolina: Duke Energy Carolinas	\$150.00 initial	\$11.75	No fee if for health reasons!	Forms with Doctors signature req. ⁶⁹
Ohio: AEP	\$43.00	\$24.00		Following negotiations with the PUCO staff in early 2015, AEP signed onto a proposed settlement that reduces the monthly charge to \$24. The one-time fee remained \$43. The PUCO governing board can accept, reject or modify the recommendations of its staff. Note 1: As of this time we don't know if the board accepted or rejected these recommendations. ⁷⁰ Note 2: Anyone with questions about smart meters in Ohio can e-mail: smartmeters@betech@fuse.net
Ohio: Cleveland Utilities		\$13.51		
Ohio: Duke Energy Ohio Inc	\$100 for changing meters – the fee does not apply to	\$3072		

⁶⁹ <http://www.duke-energy.com/about-us/about-us-smart-meters/Smart-Meter-Opt-Out>

⁷⁰ <http://smartmeternewsupdates.wordpress.com/2015/04/28/aep-must-prove-smart-meters-save-customers-money-before-changing-to-opt-out/>

⁷¹ Cleveland ready to complete "smart" meter installation, amnews.com, December 7th, 2015 <http://www.amnews.com/news/local/story/2015/dec/07/cleveland-ready-to-complete-smart-meter-installation/11973/>

UTILITY	ONE-TIME CHARGE	MONTHLY CHARGE	OPT-OUT OPTION	NOTES
Oklahoma: Public Service Co. of Oklahoma Oklahoma: Gas and Electric	customers with a traditional meter One-time fee of \$71 for non-standard meter (not defined) requested prior to, or on, Dec. 31, 2016 \$115	\$28.75 \$15.66 ⁷⁴		\$110 one-time fee for non-standard meter requested on or after Jan. 1, 2017.
Oregon: Jackson & Josephine counties – Pacific Power	NO FEE (Initial fee of \$137 now waived & refunds for those who opted out before Aug. 14 ⁷³ will be made)	\$10 meter reading fee \$3 for meters read only 3 times a year		In July 2018, Pacific Power was asked to lower opt-out fees for low-income residents. As of Dec. 4, 2019 fees were lowered to \$10 a month for all opt-out customers...a decrease of \$26 a month for most. https://www.oregonpuc.com/newsroom/2018-08-08-pacific-power-approves-reduction-of-meter-reading-fees/
OREGON: Portland General Electric Company (PGE)	\$80 Fee is the same whether replacing a Smart Meter or an old (analog) meter ⁷⁵	\$17 meter reading fee	NON-COMMUNICATING (radio off) Unwanted Smart Meters will be exchanged. Some analogs still operating as of spring 2014, but these will be replaced with non transmitting meters as they age.	

⁷³ <http://www.kgw.com/story/311149431-oregon-pge-announces-smart-meter-rollout>

⁷⁴ PSO was granted approval by order of the Oklahoma Corporation Commission on July 14, 2016. (Public Utility Division Case #201500109)

⁷⁵ Oklahoma regulators approve opt-out fees for PSO smart meters, The Oklahoman, Editorial Board, June 18, 2015 <http://www.oklahoman.com/story/311149431>

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OREGON: Ashland Electric Department ⁷⁶	No Fee	No Fee	ANALOG must be changed to a Non-RF digital meter when analog is considered expired.	Customers told analogs no longer available.
OREGON: Eugene Water & Electric Board	NO FEE	NO FEE	ANALOG	Used to have an Opt-In Plan where customers who wanted a smart meter would have to call EWEB to get one installed. Those who didn't ask for one wouldn't get one. This is now changed to an Opt-Out Plan. 2019
OREGON: Mt. Shasta (Pacific Power)	\$75	\$20	ANALOG if requested	
Pennsylvania			Opt out not allowed by state law	
Rhode Island	\$27			
South Carolina: Duke Energy	\$150 initial set up	\$ 11.75 per month	Applies for an analogue or radio off meter	One year contract. ⁷⁷

⁷⁶ Customer service 503 – 228-6322

⁷⁷ Ashland drops smart meter opt-out fee, The Associated Press, June 12, 2012 <http://projects.registertelegraph.com/web/oregon/oregon/2012/06/12/ashland-drops-smart-meter-opt-out-fee.html>
 A Resolution Adopting An Opt Out Policy For The Automated Meter Reading Program, May 17, 2012 <http://www.ashland.or.us/538/files/2012-14%20AMR%20Opt%20Out%20Policy.pdf>



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Tennessee: Memphis Light, Gas & Water	NO FEE	NO FEE	ANALOG	To opt-out, a customer must be in a current installation zone, meaning installers are scheduled to work in that area within the next 30 days. ⁷⁸															
Texas: Austin Energy	\$75.00*	\$10.00**																	
Texas: San Antonio: CPS Energy	To replace Smart Meter (s): 1 \$175 reg/ \$35 low income 2 \$250 reg/ \$50 low income Each additional \$75 reg/\$15 low income	\$20 reg \$10 low income		<table border="1"> <thead> <tr> <th>FEET TYPE</th> <th>STANDARD FEES</th> <th>FEES BY LOW INCOME CUSTOMER</th> </tr> </thead> <tbody> <tr> <td>Exchange Old Meter Fee</td> <td>\$175.00*</td> <td>\$85.00*</td> </tr> <tr> <td>Exchange Two Meters Fee</td> <td>\$250.00*</td> <td>\$100.00*</td> </tr> <tr> <td>For each additional Meter</td> <td>\$75.00*</td> <td>\$15.00*</td> </tr> <tr> <td>Monthly Meter Reading Fee</td> <td>\$20.00</td> <td>\$10.00</td> </tr> </tbody> </table> <p>* Smart Meters through program fees apply to all smart meters. ** Supply Fee for Smart Meters installed prior to 2018. Please see website.</p>	FEET TYPE	STANDARD FEES	FEES BY LOW INCOME CUSTOMER	Exchange Old Meter Fee	\$175.00*	\$85.00*	Exchange Two Meters Fee	\$250.00*	\$100.00*	For each additional Meter	\$75.00*	\$15.00*	Monthly Meter Reading Fee	\$20.00	\$10.00
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	No fees charged if the meter Exchange Program application form is submitted to CPS Energy prior to Smart Meter installation. ⁸¹																		

⁷⁸ Memphis Light, Gas & Water <http://www.mlgw.com/smart-grid/smartgridfaq>

⁷⁹ <http://austintexas.gov/~/media/employees/citizen-services/smart-meter-rollback-program/SmartMeterRollbackProgram.pdf>

⁸⁰ <http://www.cpsenergy.com/~/media/cpsenergy/cpsenergy/smart-grid/smart-grid-opt-out.html>

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Texas: Denton County: Coserv	\$188 for removal	\$25 ⁸²		"looks like a standard meter, but lacks communication capability"
UTILITY	ONE-TIME CHARGE	MONTHLY CHARGE	OPT-OUT OPTION	NOTES

Vermont:	NO FEE NO FEE to have Smart Meter removed ⁶⁴	NO FEE	ANALOG or advanced digital with limited communication abilities	On May 18, 2012, Governor Peter Shumlin signed into law S. 214 (Act 0170) allowing for smart meter installation if utility company (1) provides prior written notice to the customer indicating that the meter will use radio or other wireless means for two-way communication between the meter and the company and informing the customer of his or her rights; (2) allows a customer to choose not to have a wireless smart meter installed, at no additional monthly or other charge; and (3) allows a customer to require removal of a previously installed wireless smart meter for any reason and at an agreed-upon time, without incurring any charge for such removal.
Virginia: Dominion Virginia Power	NO FEE currently, but Dominion Virginia	NO FEE currently, but Dominion Virginia	NON-COMMUNICATING METERS - smart meters with	Dominion Virginia Power has eliminated from all the meters the 2nd antenna that keeps track of what appliances are using how

⁶⁴ CPS Energy admits to overcharging customers with smart meters, Keras News San Antonio, September 22, 2015 http://www.keras.com/story/cps-c20150921/cps-energy-admits-overcharging-customers-smart_meters/7306632
⁶⁵ <http://www.enr.com/resources/story/2015/09/22/energy-utility-tries-to-convince-the-difference-between-a-standard-and-smart-meter-1797>
⁶⁶ <http://www.enr.com/resources/story/2015/09/22/energy-utility-tries-to-convince-the-difference-between-a-standard-and-smart-meter-1797>
⁶⁷ Vermont 'Smart Meter' Opposition: No Opt Out Fee under New Legislation https://publicservice.vermont.gov/electric/smart_grid

UTILITY	ONE-TIME CHARGE	MONTHLY CHARGE	OPT-OUT OPTION	NOTES
	Power will be going before the State Corporation Commission of Virginia and requesting to charge fees. ⁶⁸	Power will be going before the State Corporation Commission of Virginia and requesting to charge fees.	both the two-way communications and data storage features disabled.	much electricity at any given time. ⁶⁹
Washington State: Port Angeles City Council Public Works and Utilities	NO FEE - Smart Meter Program ended	NO FEE	All Smart-meter components that wirelessly transmit will be removed	City residents voiced repeated objections to the project, citing health concerns over the electromagnetic energy employed by the wireless devices. City Council approved a \$1.8 million settlement with Mueller Systems LLC to end the "Smart" Meter program. All water and electric meters will be free of the controversial, electromagnetic Smart Meter components. ⁶⁷
	\$124.43	\$15.87 each billing	if smart meter already installed	

⁶⁸ Dominion Virginia Power: Interim Non-Communicating Meter Option Requirements <https://www.dvm.com/about/conservation/pdf/meteroption-requirements.pdf>
⁶⁹ Dominion: Smart Meter FAQ: Are there alternatives to receiving a smart meter? https://www.dvm.com/about/conservation/smartmeter_faq.asp
⁶⁷ Proposed \$1.8 million settlement would end Port Angeles' smart meter dispute, Peninsula Daily News, October 19, 2014 <http://www.peninsuladailynews.com/article/2014/10/19/news/310199902/proposed-18-million-settlement-would-end-port-angeles>

UTILITY	ONE-TIME CHARGE	MONTHLY CHARGE	OPT-OUT OPTION	NOTES
Light		cycle after initial fee	resident pays \$84.21 for removal & reinstall of analog.	Discounts for low-income customers apply. Renters need landlord's approval to opt out. ⁶⁸
Washington State: Spokane/Avista		\$5.00		http://www.krem.com/video/news/5c3a1e7f-9e7f-4a05-b5-81-nets-a-line-hazard/2017/08/20-8-15-4181-90e1-4950779-4871
Wisconsin			None	
Guam: Guam Power Authority	approximately \$235 (proposed) ⁶⁹	\$18.34		

⁶⁸ Seattle Weekly, May 10, 2017 <http://www.seattleweekly.com/news/city-lights-smart-meters-are-hitting-the-grid-this-summer-is-there-anything-to-fear/>
⁶⁹ GPA's Opt Out Program Smart Energy Guam http://guampowerauthority.com/m.gpa_smart_opt_out.php
⁷⁰ Get rid of smart meters November 29, 2015 <http://www.guampdn.com/story/opinion/2015/11/29/get-rid-smart-meters/76489884/>

Type of Smart Meters

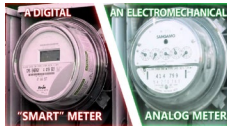
Electric (Standard Smart Meter, "hydro" in Canada) Gas

Water

Top Manufacturers of smart meters in North America

Siemens AG, Schneider Electric, Sensus, Landis+Gyr, Honeywell Sensus, Badger Meter, Itron, Aclara, Neptune Technology Group

Intellimeter, Sensus, Schneider



Examples of smart water meters (above)

Current state of smart gas installations in North America:

