IESO Administered Markets Settlement	Non IESO Administered Market Settlement	Ministry Funded
At the heart of the IESO settlements systems is the meter data management system. The revenue meter data collected daily from the 4500 meters around Ontario undergo a validation, editing, and estimating process before it can be used for settlement.	The IESO settlement systems, processes and procedures are leveraged for the settlement of various government ~~and/or regulatory programs and~~ initiatives intended to achieve a low carbon future and promote a culture of conservation. It is possible through evolution that government initiatives become part of the IESO Administered Markets governed by market rules. A good example would be ~~These programs include Global Adjustment (GA),~~ Demand Response 2 (DR2), Demand Response 3 (DR3), ~~Capacity Based Demand Response, Capacity Obligations (also known as~~ where contract replacement has moved to the IESO's competitive Demand Response Auction which is managed by Market Rules and Market Manuals and no longer through regulation. We expect similar outcomes through the Market Renewal Program. For example, the incremental capacity market will be positioned to accept offers from contract facilities that have incremental capacity to sell or when they no longer contracted.~~), Contracted, LDC Fit/MicroFit, and Conservation.~~	The IESO also acts as a settlement agent for various government ~~and/or regulatory programs and~~ initiatives to reduce the cost of energy to specified consumers. Amongst these programs are Rural or Remote electricity Rate Protection (RRRP), Ontario Rebate for Electricity Consumer (OREC), Ontario Electricity Support Program (OESP), Distribution Rate Protection (DRP), First Nation Delivery Credit (FNDC), Debt Retirement Charge (DRC), Northern Industrial Electricity Rate Program (NIERP) and Ontario Fair Hydro Plan (OFHP).
The IESO uses the meter data and intertie schedules to determine revenue owed to suppliers and costs to consumers, as well as associated charges based on MWh. Most charges are calculated by our Commercial Reconciliation System (CRS) with some calculated by Settlement tools that are built and operated following IT standards for risk and control as both are subject to the biennial Settlement Audit. The Transmission Rights (TR) and Demand Response (DR) Auctions are separate financial market settlement. In both cases, outcomes of IESO Administered Markets such as intertie congestion or DR activation is settled through CRS for market participants who were successful in the auctions.	Often d~~Some of the d~~ata used to derive settlement for these programs is directly acquired by the IESO and is subject to IESO validation, editing, estimation and auditing procedures. The other part of the data required to settle is provided by the local distribution companies or program participants. ~~As the IESO evolves through Market Renewal, some of these government/regulatory initiatives will become part of the IESO Administered Markets. For instance, demand response auction will evolve into an Incremental Capacity Auction and eventual into a Capacity Auction.~~	Data required to settle these programs is mostly provided by the local distribution companies and is subject to audit by the Ontario Energy Board. The IESO, by license, does not have any responsibilities for accuracy, or completeness of these submissions. The IESO does have authority to set the timing and details of submissions. We often work with the Ministries and OEB to set out the reporting requirements and accordingly gather the data.
Charges are 5- minutes, hourly, daily or monthly and described in detail in the IESO's web posted Charge Types and	Charges are all monthly and included in the Charges Types and Equations document.	Charges are all monthly and included in the Charges Types and Equations document.

Commented [BJ1]: Do we care that this excludes the TR auction? I included it box 2 of the first column.

Commented [BJ4]: Remember NEIRP is ministry supplied and we have two particiapnts directly connected in for OREC and OFHPA

Commented [BJ2]: Conservation is supplied by the participants

Commented [BJ3]: I moved this up

Equation document - the document provides formulas and variable definitions.		
In 2017, the IESO settled **$XXB:** • **$2.3B** in energy charges, • **$99M** in CMSC • **$72M** in operating reserve charges • **$74M** in ancillary service charges • **$167M** in IESO fee • **$46M** in demand response • **$XXXM** in Other	In 2017, the IESO settled **$11.8XXB**: • ~~$11.8B in Global Adjustment~~ • OEFC NUGs **$XXXM** • OPG Prescribed Assets **$XXXB** • Bruce **$XXXB** • IEI **$XXXM** • LDC Fit/MicroFit **$XXXB** • Conservation **$XXXM**	In 2017, the IESO settled $436M: • **$154M** in RRRP • **$50M** in OESP • **$121M** in DRC • **$111M** in NIERP
• **$1.5B** in transmission charges.		

Commented [BY7]: Where had you obtained all these numbers for 2016?

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Commented [BY5]: What had you included in "Other?"

Commented [BJ6]: This was the plug to ensure the total added to the bottom line – it represented all the offset CTs and the small CTs that would not be recognized.

The entire settlement process is governed under the market rules, market manuals and is subject to stakeholder review for the implementation of any changes. However, Government imitative settlement mandated by legislation and regulation goes beyond the timing limitations of the market rules in terms of possible re-settlement as the details of this settlement are not contained within our market rules.

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Powering Tomorrow.