## Georgia

* 1. Georgian Water and Power LLC (GWP)

| **Theme** | **S No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Water Supply** |  | Number of subscribers | No computation done | Number of consumers | Georgian National Energy and Water Supply Regulatory | Manual uploading from PDF files downloaded from GNERC Website, APIs to be requested from GNERC |
|  | Metering rate | No computation done | Metering rate according to licenses |
|  | Per capita daily household level water use | No computation done | Consumption (Per person / liter / within 24 hours) |
|  | Non-revenue water | No computation done | Percentage of non-revenue drinking water |
|  | Water tariff for household metered connections | Water supply tariffs for metered household (GEL/m3) Converted from GEL to US$ |  |
|  | Water tariff for household non-metered connections | Water supply tariffs for non-metered household (GEL/per capita/month) Converted from GEL to US$ |  |
|  | Water tariff for non-household connections | Water supply tariffs for non-household (GEL/m3) Converted from GEL to US$ |  |
|  | Percent of population connected to improved drinking water source | No computation done | Water service coverage |
| **Sanitation** |  | Tariff for metered household connection | Sewerage tariff for household, metered (GEL/m3) Converted from GEL to US$ |  | Georgian National Energy and Water Supply Regulatory | Manual uploading from PDF files downloaded from GNERC Website, APIs to be requested from GNERC |
|  |  | Tariff for non-metered household connection | Sewerage tariff for household, non-metered (GEL/per capita/month) Converted from GEL to US$ |  |
|  |  | Tariff for metered non-household connection | Sewerage tariff for non-household, metered (GEL/m3) Converted from GEL to US$ |  |
|  |  | Percent of population connected to sewer network | No computation done | Sewerage service coverage |

* 1. Georgian United Water Supply Company LLC (UWSCG)

| **Theme** | **S No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Water Supply** |  | Number of subscribers | No computation done | Number of consumers | Georgian National Energy and Water Supply Regulatory | Manual uploading from PDF files downloaded from GNERC Website, APIs to be requested from GNERC |
|  | Metering rate | No computation done | Metering rate according to licenses |
|  | Per capita daily household level water use | No computation done | Consumption (Per person / liter / within 24 hours) |
|  | Non-revenue water | No computation done | Percentage of non-revenue drinking water |
|  | Water tariff for household metered connections | Water supply tariffs for metered household (GEL/m3) Converted from GEL to US$ |  |
|  | Water tariff for household non-metered connections | Water supply tariffs for non-metered household (GEL/per capita/month) Converted from GEL to US$ |  |
|  | Water tariff for non-household connections | Water supply tariffs for non-household (GEL/m3) Converted from GEL to US$ |  |
|  | Percent of population connected to improved drinking water source | No computation done | Water service coverage |
| **Sanitation** |  | Tariff for metered household connection | Sewerage tariff for household, metered (GEL/m3) Converted from GEL to US$ |  | Georgian National Energy and Water Supply Regulatory | Manual uploading from PDF files downloaded from GNERC Website, APIs to be requested from GNERC |
|  | Tariff for non-metered household connection | Sewerage tariff for household, non-metered (GEL/per capita/month) Converted from GEL to US$ |  |
|  | Tariff for metered non-household connection | Sewerage tariff for non-household, metered (GEL/m3) Converted from GEL to US$ |  |
|  | Percent of population connected to sewer network | No computation done | Sewerage service coverage |

* 1. Batumis Tskali LLC (BWC)

| **Theme** | **S No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Water Supply** |  | Number of subscribers | No computation done | Number of consumers | Georgian National Energy and Water Supply Regulatory | Manual uploading from PDF files downloaded from GNERC Website, APIs to be requested from GNERC |
|  | Metering rate | No computation done | Metering rate according to licenses |
|  | Per capita daily household level water use | No computation done | Consumption (Per person / liter / within 24 hours) |
|  | Non-revenue water | No computation done | Percentage of non-revenue drinking water |
|  | Water tariff for household metered connections | Water supply tariffs for metered household (GEL/m3) Converted from GEL to US$ |  |
|  | Water tariff for household non-metered connections | Water supply tariffs for non-metered household (GEL/per capita/month) Converted from GEL to US$ |  |
|  | Water tariff for non-household connections | Water supply tariffs for non-household (GEL/m3) Converted from GEL to US$ |  |
|  | Percent of population connected to improved drinking water source | No computation done | Water service coverage |

* 1. Rustavis Tskali LLC (RWC)

| **Theme** | **S No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Water Supply** |  | Number of subscribers | No computation done | Number of consumers | Georgian National Energy and Water Supply Regulatory | Manual uploading from PDF files downloaded from GNERC Website, APIs to be requested from GNERC |
|  | Metering rate | No computation done | Metering rate according to licenses |
|  | Per capita daily household level water use | No computation done | Consumption (Per person / liter / within 24 hours) |
|  | Non-revenue water | No computation done | Percentage of non-revenue drinking water |
|  | Water tariff for household metered connections | Water supply tariffs for metered household (GEL/m3) Converted from GEL to US$ |  |
|  | Water tariff for household non-metered connections | Water supply tariffs for non-metered household (GEL/per capita/month) Converted from GEL to US$ |  |
|  | Water tariff for non-household connections | Water supply tariffs for non-household (GEL/m3) Converted from GEL to US$ |  |
|  | Percent of population connected to improved drinking water source | No computation done | Water service coverage |
| **Sanitation** |  | Tariff for metered household connection | Sewerage tariff for household, metered (GEL/m3) Converted from GEL to US$ |  | Georgian National Energy and Water Supply Regulatory | Manual uploading from PDF files downloaded from GNERC Website, APIs to be requested from GNERC |
|  | Tariff for non-metered household connection | Sewerage tariff for household, non-metered (GEL/per capita/month) Converted from GEL to US$ |  |
|  | Tariff for metered non-household connection | Sewerage tariff for non-household, metered (GEL/m3) Converted from GEL to US$ |  |
|  | Percent of population connected to sewer network | No computation done | Sewerage service coverage |

* 1. Marnelius Soptskali LLC (MVWC)

| **Theme** | **S No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Water Supply** |  | Number of subscribers | No computation done | Number of consumers | Georgian National Energy and Water Supply Regulatory | Manual uploading from PDF files downloaded from GNERC Website, APIs to be requested from GNERC |
|  | Metering rate | No computation done | Metering rate according to licenses |
|  | Per capita daily household level water use | No computation done | Consumption (Per person / liter / within 24 hours) |
|  | Non-revenue water | No computation done | Percentage of non-revenue drinking water |
|  | Water tariff for household metered connections | Water supply tariffs for metered household (GEL/m3) Converted from GEL to US$ |  |
|  | Water tariff for household non-metered connections | Water supply tariffs for non-metered household (GEL/per capita/month) Converted from GEL to US$ |  |
|  | Water tariff for non-household connections | Water supply tariffs for non-household (GEL/m3) Converted from GEL to US$ |  |
|  | Percent of population connected to improved drinking water source | No computation done | Water service coverage |

* 1. Kobuletis Tskali LLC (KWC)

| **Theme** | **S No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Water Supply** |  | Number of subscribers | No computation done | Number of consumers | Georgian National Energy and Water Supply Regulatory | Manual uploading from PDF files downloaded from GNERC Website, APIs to be requested from GNERC |
|  | Metering rate | No computation done | Metering rate according to licenses |
|  | Per capita daily household level water use | No computation done | Consumption (Per person / liter / within 24 hours) |
|  | Non-revenue water | No computation done | Percentage of non-revenue drinking water |
|  | Water tariff for household metered connections | No available data as of date | |
|  | Water tariff for household non-metered connections | No available data as of date | |
|  | Water tariff for non-household connections | No available data as of date | |
|  | Percent of population connected to improved drinking water source | No computation done | Water service coverage |

* 1. Sachkheris Tskalkanali LLC (SWC)

| **Theme** | **S No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Water Supply** |  | Number of subscribers | No computation done | Number of consumers | Georgian National Energy and Water Supply Regulatory | Manual uploading from PDF files downloaded from GNERC Website, APIs to be requested from GNERC |
|  | Metering rate | No computation done | Metering rate according to licenses |
|  | Per capita daily household level water use | No computation done | Consumption (Per person / liter / within 24 hours) |
|  | Non-revenue water | No computation done | Percentage of non-revenue drinking water |
|  | Water tariff for household metered connections | Water supply tariffs for metered household (GEL/m3) Converted from GEL to US$ |  |
|  | Water tariff for household non-metered connections | Water supply tariffs for non-metered household (GEL/per capita/month) Converted from GEL to US$ |  |
|  | Water tariff for non-household connections | Water supply tariffs for non-household (GEL/m3) Converted from GEL to US$ |  |
|  | Percent of population connected to improved drinking water source | No computation done | Water service coverage |
| **Sanitation** |  | Tariff for metered household connection | Sewerage tariff for household, metered (GEL/m3) Converted from GEL to US$ |  | Georgian National Energy and Water Supply Regulatory | Manual uploading from PDF files downloaded from GNERC Website, APIs to be requested from GNERC |
|  | Tariff for non-metered household connection | Sewerage tariff for household, non-metered (GEL/per capita/month) Converted from GEL to US$ |  |
|  | Tariff for metered non-household connection | Sewerage tariff for non-household, metered (GEL/m3) Converted from GEL to US$ |  |
|  | Percent of population connected to sewer network | No computation done | Sewerage service coverage |

* 1. Mtskhetis Tskali LLC (MWC)

| **Theme** | **S No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Water Supply** |  | Number of subscribers | No computation done | Number of consumers | Georgian National Energy and Water Supply Regulatory | Manual uploading from PDF files downloaded from GNERC Website, APIs to be requested from GNERC |
|  | Metering rate | No computation done | Metering rate according to licenses |
|  | Per capita daily household level water use | No computation done | Consumption (Per person / liter / within 24 hours) |
|  | Non-revenue water | No computation done | Percentage of non-revenue drinking water |
|  | Water tariff for household metered connections | Water supply tariffs for metered household (GEL/m3) Converted from GEL to US$ |  |
|  | Water tariff for household non-metered connections | Water supply tariffs for non-metered household (GEL/per capita/month) Converted from GEL to US$ |  |
|  | Water tariff for non-household connections | Water supply tariffs for non-household (GEL/m3) Converted from GEL to US$ |  |
|  | Percent of population connected to improved drinking water source | No computation done | Water service coverage |
| **Sanitation** |  | Tariff for metered household connection | Sewerage tariff for household, metered (GEL/m3) Converted from GEL to US$ |  | Georgian National Energy and Water Supply Regulatory | Manual uploading from PDF files downloaded from GNERC Website, APIs to be requested from GNERC |
|  | Tariff for non-metered household connection | Sewerage tariff for household, non-metered (GEL/per capita/month) Converted from GEL to US$ |  |
|  | Tariff for metered non-household connection | Sewerage tariff for non-household, metered (GEL/m3) Converted from GEL to US$ |  |
|  | Percent of population connected to sewer network | No computation done | Sewerage service coverage |

* 1. Soguri LLC (Soguri)

| **Theme** | **S No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Water Supply** |  | Number of subscribers | No computation done | Number of consumers | Georgian National Energy and Water Supply Regulatory | Manual uploading from PDF files downloaded from GNERC Website, APIs to be requested from GNERC |
|  | Metering rate | No computation done | Metering rate according to licenses |
|  | Per capita daily household level water use | No computation done | Consumption (Per person / liter / within 24 hours) |
|  | Non-revenue water | No computation done | Percentage of non-revenue drinking water |
|  | Water tariff for household metered connections | Water supply tariffs for metered household (GEL/m3) Converted from GEL to US$ |  |
|  | Water tariff for household non-metered connections | Water supply tariffs for non-metered household (GEL/per capita/month) Converted from GEL to US$ |  |
|  | Water tariff for non-household connections | Water supply tariffs for non-household (GEL/m3) Converted from GEL to US$ |  |
|  | Percent of population connected to improved drinking water source | No computation done | Water service coverage |

* 1. Telai JSC

| **Theme** | **S No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Energy** |  | Electricity production | No computation done | Electricity generation | Georgian National Energy and Water Supply Regulatory | Manual uploading from PDF files downloaded from GNERC Website, APIs to be requested from GNERC |
|  | Electricity consumption | No computation done | Electricity consumption |
|  | Electricity losses in distribution | No computation done | Electricity losses in distribution network |
|  | Tariff for per unit electricity consumption for household use | Average of distribution tariff per kWh consumption category (0 to 101, 101 to 301, over 301 kWh) for household use then convert from GEL to US$ |  |
|  | Tariff for per unit electricity consumption for non-household use | Average of distribution tariff per kV consumption category (110-35, 10-6-3.3, 0.4 kV) for non-household use then convert from GEL to US$ |  |

* 1. Energo Pro Georgia JSC

| **Theme** | **S No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Energy** |  | Electricity production | No computation done | Electricity generation | Georgian National Energy and Water Supply Regulatory | Manual uploading from PDF files downloaded from GNERC Website, APIs to be requested from GNERC |
|  | Electricity consumption | No computation done | Electricity consumption |
|  | Electricity losses in distribution | No computation done | Electricity losses in distribution network |
|  | Tariff for per unit electricity consumption for household use | Average of distribution tariff per kWh consumption category (0 to 101, 101 to 301, over 301 kWh) for household use then convert from GEL to US$ |  |
|  | Tariff for per unit electricity consumption for non-household use | Average of distribution tariff per kV consumption category (110-35, 10-6-3.3, 0.4 kV) for non-household use then convert from GEL to US$ |  |

* 1. JSC Kakheti Energo Distribution

| **Theme** | **S No** | **Indicator Name** | **Computation Methodology** | **Actual Data Points Based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Energy** |  | Electricity production | No computation done | Electricity generation | Georgian National Energy and Water Supply Regulatory | Manual uploading from PDF files downloaded from GNERC Website, APIs to be requested from GNERC |
|  | Electricity consumption | No computation done | Electricity consumption |
|  | Electricity losses in distribution | No computation done | Electricity losses in distribution network |
|  | Tariff for per unit electricity consumption for household use | Average of distribution tariff per kWh consumption category (0 to 101, 101 to 301, over 301 kWh) for household use then convert from GEL to US$ |  |
|  | Tariff for per unit electricity consumption for non-household use | Average of distribution tariff per kV consumption category (110-35, 10-6-3.3, 0.4 kV) for non-household use then convert from GEL to US$ |  |

## Pakistan

* 1. Rawalpindi WASA

| **Theme** | **S No** | **Indicator Names** | **Computation Methodology** | **Actual Data Points based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Water Supply** |  | Number of subscribers | No available data as of date | |  |  |
|  | Metering rate | No computation done | Metering rate | IB-Net | API Available  (Data not updated), Data can also be requested from the utility |
|  | Per capita daily household level water use | No computation done | Total water consumption (liters/person/day) |
|  | Non-revenue water | No computation done | Non-revenue water |
|  | Water tariff for household metered connection | Domestic metered connections (Rs/1,000 gallons) Converted Rs/1,000 gallons to US$/m3 |  | Rawalpindi Water and Sanitation Agency | Manual uploading, APIs to be requested from the authority |
|  | Water tariff for household non-metered connection | No available data as of date | |  |  |
|  | Water tariff for non-household connection | Industrial, commercial, and other non-residential metered connections (Rs/1,000 gallons) Converted Rs/1,000 gallons to US$/m3 |  | Rawalpindi Water and Sanitation Agency | Manual uploading, APIs to be requested from the authority |
|  | Percent of population connected to improved drinking water source | Sum of the Percentage distribution of household by source of drinking water by province (tap water, hand pump, water pump) |  | Pakistan Social and Living Standard Measurement, Pakistan Bureau of Statistics | Manual uploading from pdf files from Pakistan Bureau of Statistics website, APIs to be requested from the authority |
| **Sanitation** |  | Tariff for metered household connection | Sewer rates are computed as a percentage of the water rate | Sewer rates | Rawalpindi Water and Sanitation Agency | Manual uploading, APIs to be requested from the authority |
|  | Tariff for metered non-household connection | No available data as of date | |  |  |
|  | Tariff for metered non-household connection | Sewer rates are computed as a percentage of the water rate | Sewer rates | Rawalpindi Water and Sanitation Agency | Manual uploading, APIs to be requested from the authority |
|  | Percent of population connected to sewer network | No available data as of date | |  |  |

* 1. Multan WASA

| **Theme** | **S No** | **Indicator Names** | **Computation Methodology** | **Actual Data Points based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Water Supply** |  | Number of subscribers | No available data as of date | |  |  |
|  | Metering rate | No available data as of date | |  |  |
|  | Per capita daily household level water use | No available data as of date | |  |  |
|  | Non-revenue water | No computation done | Non-revenue water | IB-Net | API Available  (Data not updated), Data can also be requested from the utility |
|  | Water tariff for household metered connections | No available data as of date | |  |  |
|  | Water tariff for household non-metered connections | No available data as of date | |  |  |
|  | Water tariff for non-household connections | No available data as of date | |  |  |
|  | Percent of population connected to improved drinking water source | Sum of the Percentage distribution of household by source of drinking water by province (tap water, hand pump, water pump) |  | Pakistan Social and Living Standard Measurement, Pakistan Bureau of Statistics | Manual uploading from pdf files from Pakistan Bureau of Statistics website, APIs to be requested from the authority |
| **Sanitation** |  | Tariff for metered household connection | No available data as of date | |  |  |
|  | Tariff for metered non-household connection | No available data as of date | |
|  | Tariff for metered non-household connection | No available data as of date | |
|  | Percent of population connected to sewer network | No available data as of date | |

* 1. Lahore WASA

| **Theme** | **S No** | **Indicator Names** | **Computation Methodology** | **Actual Data Points based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Water Supply** |  | Number of subscribers | No available data as of date | |  |  |
|  | Metering rate | No computation done | Metering rate | IB-Net | API Available  (Data not updated), Data can also be requested from the utility |
|  | Per capita daily household level water use | No computation done | Total water consumption (liters/person/day) |
|  | Non-revenue water | No computation done | Non-revenue water |
|  | Water tariff for household metered connections | Domestic metered connections (Rs/1,000 gallons) Converted Rs/1,000 gallons to US$/m3 |  | Lahore Water and Sanitation Agency | Manual uploading, APIs to be requested from the authority |
|  | Water tariff for household non-metered connections | No available data as of date | |  |  |
|  | Water tariff for non-household connections | Industrial, commercial, and other non-residential metered connections (Rs/1,000 gallons) Converted Rs/1,000 gallons to US$/m3 |  | Lahore Water and Sanitation Agency | Manual uploading, APIs to be requested from the authority |
|  | Percent of population connected to improved drinking water source | Sum of the Percentage distribution of household by source of drinking water by province (tap water, hand pump, water pump) |  | Pakistan Social and Living Standard Measurement, Pakistan Bureau of Statistics | Manual uploading from pdf files from Pakistan Bureau of Statistics website, APIs to be requested from the authority |
| **Sanitation** |  | Tariff for metered household connection | Sewer rates are computed as a percentage of the water rate | Sewer rates | Rawalpindi Water and Sanitation Agency  Lahore Water and Sanitation Agency | Manual uploading, APIs to be requested from the authority |
|  | Tariff for non-metered household connection | No available data as of date | |  |  |
|  | Tariff for metered non-household connection | Sewer rates are computed as a percentage of the water rate | Sewer rates | Lahore Water and Sanitation Agency | Manual uploading, APIs to be requested from the authority |
|  | Percent of population connected to sewer network | No available data as of date | |  |  |

* 1. Karachi Water and Sewerage Board

| **Theme** | **S No** | **Indicator Names** | **Computation Methodology** | **Actual Data Points based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Water Supply** |  | Number of subscribers | No available data as of date | |  |  |
|  | Metering rate | No computation done | Metering rate | IB-Net | API Available  (Data not updated), Data can also be requested from the utility |
|  | Per capita daily household level water use | No computation done | Total water consumption (liters/person/day) |
|  | Non-revenue water | No computation done | Non-revenue water |
|  | Water tariff for household metered connections | Average of water tariffs for metered connections per m3 |  | IB-Net Tariff Database | Manual uploading, APIs to be requested from the authority |
|  | Water tariff for household non-metered connections | No available data as of date | |  |  |
|  | Water tariff for non-household connections | Industrial, commercial, and other non-residential metered connections (Rs/1,000 gallons) Converted Rs/1,000 gallons to US$/m3 |  | Karachi Water and Sewerage Board | Manual uploading, APIs to be requested from the authority |
|  | Percent of population connected to improved drinking water source | Sum of the Percentage distribution of household by source of drinking water by province (tap water, hand pump, water pump) |  | Pakistan Social and Living Standard Measurement, Pakistan Bureau of Statistics | Manual uploading from pdf files from Pakistan Bureau of Statistics website, APIs to be requested from the authority |
| **Sanitation** |  | Tariff for metered household connection | Sewer rates are computed as a percentage of the water rate |  | IB-Net Tariff Database | Manual uploading, APIs to be requested from the authority |
|  | Tariff for metered non-household connection | No available data as of date | |  |  |
|  | Tariff for metered non-household connection | No available data as of date | |
|  | Percent of population connected to sewer network | No available data as of date | |

* 1. Gujranwala WASA

| **Theme** | **S No** | **Indicator Names** | **Computation Methodology** | **Actual Data Points based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Water Supply** |  | Number of subscribers | No available data as of date | |  |  |
|  | Metering rate | No computation done | Metering rate | IB-Net | API Available  (Data not updated), Data can also be requested from the utility |
|  | Per capita daily household level water use | No computation done | Total water consumption (liters/person/day) |
|  | Non-revenue water | No computation done | Non-revenue water |
|  | Water tariff for household metered connections | Average of water tariffs for metered connections per m3 |  | IB-Net Tariff Database | Manual uploading, APIs to be requested from the authority |
|  | Water tariff for household non-metered connections | No available data as of date | |  |  |
|  | Water tariff for non-household connections | No available data as of date | |
|  | Percent of population connected to improved drinking water source | Sum of the Percentage distribution of household by source of drinking water by province (tap water, hand pump, water pump) |  | Pakistan Social and Living Standard Measurement, Pakistan Bureau of Statistics | Manual uploading from pdf files from Pakistan Bureau of Statistics website, APIs to be requested from the authority |
| **Sanitation** |  | Tariff for metered household connection | Sewer rates are computed as a percentage of the water rate |  | IB-Net Tariff Database | Manual uploading, APIs to be requested from the authority |
|  | Tariff for metered non-household connection | No available data as of date | |  |  |
|  | Tariff for metered non-household connection | No available data as of date | |
|  | Percent of population connected to sewer network | No available data as of date | |

* 1. Faisalabad WASA

| **Theme** | **S No** | **Indicator Names** | **Computation Methodology** | **Actual Data Points based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Water Supply** |  | Number of subscribers | No available data as of date | |  |  |
|  | Metering rate | No computation done | Metering rate | IB-Net | API Available  (Data not updated), Data can also be requested from the utility |
|  | Per capita daily household level water use | No computation done | Total water consumption (liters/person/day) |
|  | Non-revenue water | No computation done | Non-revenue water |
|  | Water tariff for household metered connections | Domestic metered connections (Rs/1,000 gallons) Converted Rs/1,000 gallons to US$/m3 |  | Faisalabad Water and Sanitation Agency | Manual uploading, APIs to be requested from the authority |
|  | Water tariff for household non-metered connections | No available data as of date | |  |  |
|  | Water tariff for non-household connections | Industrial, commercial, and other non-residential metered connections (Rs/1,000 gallons) Converted Rs/1,000 gallons to US$/m3 |  | Faisalabad Water and Sanitation Agency | Manual uploading, APIs to be requested from the authority |
|  | Percent of population connected to improved drinking water source | Sum of the Percentage distribution of household by source of drinking water by province (tap water, hand pump, water pump) |  | Pakistan Social and Living Standard Measurement, Pakistan Bureau of Statistics | Manual uploading from pdf files from Pakistan Bureau of Statistics website, APIs to be requested from the authority |
| **Sanitation** |  | Tariff for metered household connection | Sewer rates are computed as a percentage of the water rate | Sewer rates | Faisalabad Water and Sanitation Agency | Manual uploading, APIs to be requested from the authority |
|  | Tariff for non-metered non-household connection | No available data as of date | |  |  |
|  | Tariff for metered non-household connection | Sewer rates are computed as a percentage of the water rate | Sewer rates | Faisalabad Water and Sanitation Agency | Manual uploading, APIs to be requested from the authority |
|  | Percent of population connected to sewer network | No available data as of date | |  |  |

* 1. Islamabad WASA

| **Theme** | **S No** | **Indicator Names** | **Computation Methodology** | **Actual Data Points based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Water Supply** |  | Number of subscribers | No available data as of date | |  |  |
|  | Metering rate | No available data as of date | |
|  | Per capita daily household level water use | No available data as of date | |
|  | Non-revenue water | No available data as of date | |
|  | Water tariff for household metered connections | No available data as of date | |
|  | Water tariff for non-household connections | No available data as of date | |
|  | Percent of population connected to improved drinking water source | Sum of the Percentage distribution of household by source of drinking water by province (tap water, hand pump, water pump) |  | Pakistan Social and Living Standard Measurement, Pakistan Bureau of Statistics | Manual uploading from pdf files from Pakistan Bureau of Statistics website, APIs to be requested from the authority |
| **Sanitation** |  | Tariff for metered household connection | No available data as of date | |  |  |
|  | Tariff for metered non-household connection | No available data as of date | |  |  |
|  | Tariff for metered non-household connection | No available data as of date | |  |  |
|  | Percent of population connected to sewer network | No available data as of date | |  |  |

* 1. Peshawar Electric Supply Company

| **Theme** | **S No** | **Indicator Names** | **Computation Methodology** | **Actual Data Points based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Energy** |  | Electricity production | No computation done | Total units of electricity purchased | National Electric Power Regulatory Authority | Manual uploading from pdf files from NEPRA website, APIs to be requested from the authority |
|  | Electricity consumption | No computation done | Total units of electricity sold |
|  | Electricity losses in distribution | No computation done | Losses in distribution |
|  | Tariff for per unit electricity consumption for household use | Average of all categories under residential then converted to US$ |  |
|  | Tariff for per unit electricity consumption for non-household use | Average of all categories under commercial, industrial, single point, agriculture tube-wells, public lighting, residential colonies attached to industries, railway traction, special contracts – AJK, and special contracts - Rawat Lab. then converted to US$ |  |

* 1. Tribal Electric Supply Company

| **Theme** | **S No** | **Indicator Names** | **Computation Methodology** | **Actual Data Points based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Energy** |  | Electricity production | No computation done | Total units of electricity purchased | National Electric Power Regulatory Authority | Manual uploading from pdf files from NEPRA website, APIs to be requested from the authority |
|  | Electricity consumption | No computation done | Total units of electricity sold |
|  | Electricity losses in distribution | No computation done | Losses in distribution |
|  | Tariff for per unit electricity consumption for household use | Average of all categories under residential then converted to US$ |  |
|  | Tariff for per unit electricity consumption for non-household use | Average of all categories under commercial, industrial, single point, agriculture tube-wells, public lighting, residential colonies attached to industries, railway traction, special contracts – AJK, and special contracts - Rawat Lab. then converted to US$ |  |

* 1. Islamabad Electric Supply Company

| **Theme** | **S No** | **Indicator Names** | **Computation Methodology** | **Actual Data Points based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Energy** |  | Electricity production | No computation done | Total units of electricity purchased | National Electric Power Regulatory Authority | Manual uploading from pdf files from NEPRA website, APIs to be requested from the authority |
|  | Electricity consumption | No computation done | Total units of electricity sold |
|  | Electricity losses in distribution | No computation done | Losses in distribution |
|  | Tariff for per unit electricity consumption for household use | Average of all categories under residential then converted to US$ |  |
|  | Tariff for per unit electricity consumption for non-household use | Average of all categories under commercial, industrial, single point, agriculture tube-wells, public lighting, residential colonies attached to industries, railway traction, special contracts – AJK, and special contracts - Rawat Lab. then converted to US$ |  |

* 1. Gujranwala Electric Power Company Limited

| **Theme** | **S No** | **Indicator Names** | **Computation Methodology** | **Actual Data Points based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Energy** |  | Electricity production | No computation done | Total units of electricity purchased | National Electric Power Regulatory Authority | Manual uploading from pdf files from NEPRA website, APIs to be requested from the authority |
|  | Electricity consumption | No computation done | Total units of electricity sold |
|  | Electricity losses in distribution | No computation done | Losses in distribution |
|  | Tariff for per unit electricity consumption for household use | Average of all categories under residential then converted to US$ |  |
|  | Tariff for per unit electricity consumption for non-household use | Average of all categories under commercial, industrial, single point, agriculture tube-wells, public lighting, residential colonies attached to industries, railway traction, special contracts – AJK, and special contracts - Rawat Lab. then converted to US$ |  |

* 1. Lahore Electric Supply Company

| **Theme** | **S No** | **Indicator Names** | **Computation Methodology** | **Actual Data Points based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Energy** |  | Electricity production | No computation done | Total units of electricity purchased | National Electric Power Regulatory Authority | Manual uploading from pdf files from NEPRA website, APIs to be requested from the authority |
|  | Electricity consumption | No computation done | Total units of electricity sold |
|  | Electricity losses in distribution | No computation done | Losses in distribution |
|  | Tariff for per unit electricity consumption for household use | Average of all categories under residential then converted to US$ |  |
|  | Tariff for per unit electricity consumption for non-household use | Average of all categories under commercial, industrial, single point, agriculture tube-wells, public lighting, residential colonies attached to industries, railway traction, special contracts – AJK, and special contracts - Rawat Lab. then converted to US$ |  |

* 1. Faisalabad Electric Supply Company

| **Theme** | **S No** | **Indicator Names** | **Computation Methodology** | **Actual Data Points based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Energy** |  | Electricity production | No computation done | Total units of electricity purchased | National Electric Power Regulatory Authority | Manual uploading from pdf files from NEPRA website, APIs to be requested from the authority |
|  | Electricity consumption | No computation done | Total units of electricity sold |
|  | Electricity losses in distribution | No computation done | Losses in distribution |
|  | Tariff for per unit electricity consumption for household use | Average of all categories under residential then converted to US$ |  |
|  | Tariff for per unit electricity consumption for non-household use | Average of all categories under commercial, industrial, single point, agriculture tube-wells, public lighting, residential colonies attached to industries, railway traction, special contracts – AJK, and special contracts - Rawat Lab. then converted to US$ |  |

* 1. Multan Electric Power Company

| **Theme** | **S No** | **Indicator Names** | **Computation Methodology** | **Actual Data Points based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Energy** |  | Electricity production | No computation done | Total units of electricity purchased | National Electric Power Regulatory Authority | Manual uploading from pdf files from NEPRA website, APIs to be requested from the authority |
|  | Electricity consumption | No computation done | Total units of electricity sold |
|  | Electricity losses in distribution | No computation done | Losses in distribution |
|  | Tariff for per unit electricity consumption for household use | Average of all categories under residential then converted to US$ |  |
|  | Tariff for per unit electricity consumption for non-household use | Average of all categories under commercial, industrial, single point, agriculture tube-wells, public lighting, residential colonies attached to industries, railway traction, special contracts – AJK, and special contracts - Rawat Lab. then converted to US$ |  |

* 1. Hyderabad Electric Supply Company

| **Theme** | **S No** | **Indicator Names** | **Computation Methodology** | **Actual Data Points based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Energy** |  | Electricity production | No computation done | Total units of electricity purchased | National Electric Power Regulatory Authority | Manual uploading from pdf files from NEPRA website, APIs to be requested from the authority |
|  | Electricity consumption | No computation done | Total units of electricity sold |
|  | Electricity losses in distribution | No computation done | Losses in distribution |
|  | Tariff for per unit electricity consumption for household use | Average of all categories under residential then converted to US$ |  |
|  | Tariff for per unit electricity consumption for non-household use | Average of all categories under commercial, industrial, single point, agriculture tube-wells, public lighting, residential colonies attached to industries, railway traction, special contracts – AJK, and special contracts - Rawat Lab. then converted to US$ |  |

* 1. Sukkur Electric Supply Company

| **Theme** | **S No** | **Indicator Names** | **Computation Methodology** | **Actual Data Points based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Energy** |  | Electricity production | No computation done | Total units of electricity purchased | National Electric Power Regulatory Authority | Manual uploading from pdf files from NEPRA website, APIs to be requested from the authority |
|  | Electricity consumption | No computation done | Total units of electricity sold |
|  | Electricity losses in distribution | No computation done | Losses in distribution |
|  | Tariff for per unit electricity consumption for household use | Average of all categories under residential then converted to US$ |  |
|  | Tariff for per unit electricity consumption for non-household use | Average of all categories under commercial, industrial, single point, agriculture tube-wells, public lighting, residential colonies attached to industries, railway traction, special contracts – AJK, and special contracts - Rawat Lab. then converted to US$ |  |

* 1. Quetta Electric Supply Company

| **Theme** | **S No** | **Indicator Names** | **Computation Methodology** | **Actual Data Points based on Source** | **Data source** | **Data sourcing strategy** |
| --- | --- | --- | --- | --- | --- | --- |
| **Energy** |  | Electricity production | No computation done | Total units of electricity purchased | National Electric Power Regulatory Authority | Manual uploading from pdf files from NEPRA website, APIs to be requested from the authority |
|  | Electricity consumption | No computation done | Total units of electricity sold |
|  | Electricity losses in distribution | No computation done | Losses in distribution |
|  | Tariff for per unit electricity consumption for household use | Average of all categories under residential then converted to US$ |  |
|  | Tariff for per unit electricity consumption for non-household use | Average of all categories under commercial, industrial, single point, agriculture tube-wells, public lighting, residential colonies attached to industries, railway traction, special contracts – AJK, and special contracts - Rawat Lab. then converted to US$ |  |