



## BULK SUPPLY TARIFF

(FOR BULK SUPPLY OF ELECTRICITY ON THE DHOFAR POWER SYSTEM)<sup>1</sup>

APPLICABLE 1 JANUARY 2015 TO 31 DECEMBER 2015

### 1. Introduction

Pursuant to Article 74 of the Sector Law, Condition 21 of the Power and Water Procurement License and the terms of DPC's Bulk Supply Agreement, Oman Power & Water Procurement Company (OPWP) is required to make Bulk Supplies to DPC in consideration of a Bulk Supply Tariff.

This document sets out the Bulk Supply Tariff for the Dhofar Power System, as determined by OPWP and approved by the Authority for Electricity Regulation, Oman, for the period from 1 January 2015 to 31 December 2015.

It specifies (i) the rates to be charged for Bulk Supplies made to Dhofar Power Company (DPC); (ii) the method to be used to determine the quantities of Bulk Supply chargeable to DPC and (iii) the arrangements for invoicing and payment.

Capitalized terms used in this document shall have the following meanings:

**"Bulk Supply"** shall mean the bulk supply of electricity by OPWP to DPC, and **"Bulk Supplies"** shall be construed accordingly.

**"Bulk Supply Points"** shall mean, in respect of each Licensed Supplier, the points of connection between (i) the LTSO Transmission System, or any Production Facility or Connected System from or over which OPWP purchases electricity for the purposes of making Bulk Supplies and (ii) the Distribution System of DPC, or the system or Premises of any person Supplied by such Licensed Supplier other than via DPC System.

**"Bulk Supply Agreement"** shall mean the agreement dated 1 November January 2014, and any other agreement as may be entered

<sup>1</sup> This Bulk Supply Tariff is not applicable to (i) the Main Interconnected System or (ii) any system operated by Rural Areas Electricity Company SAOC.



into from time to time, providing for the making of Bulk Supplies by OPWP to DPC (each as may be amended or supplemented from time to time).

**“Bulk Supply Purchase Points”**

shall mean the points at which OPWP purchases electricity for the purposes of making Bulk Supplies and at which such Bulk Supplies are purchased from OPWP by DPC.

**“Connected System”**

shall mean any system other than the LTSO Transmission System or a LDSO Distribution System and which is connected to the LTSO Transmission System or a LDSO Distribution System.

**“LDSO Distribution System”**

shall mean a Distribution System of DPC.

**“LTSO Transmission System”**

shall mean the Transmission System of the Licensed Transmission System Operator.

**“Loss Adjustment Factor”**

shall mean, in respect of each month, the factor applied, as provided herein, to adjust quantities of electricity metered or otherwise assessed at Bulk Supply Points to quantities of Bulk Supply chargeable at Bulk Supply Purchase Points.

**“Dhofar Power System”**

shall mean the interconnected system comprising the LTSO Transmission System, LDSO Distribution Systems.

**“Transfer”**

shall mean a transfer of electricity from one Licensed Supplier to another Licensed Supplier, expressed in terms of an equivalent quantity of electricity at a Bulk Supply Point, after including any corrections for losses or other factors as may be agreed between the relevant Licensed Suppliers or otherwise determined in accordance with the Grid Code or a Distribution Code (as applicable).

**2. Rates for Bulk Supply**

Bulk Supplies made to DPC shall be charged in six rate bands, based on the day of the week and the time of day that electricity is taken. The rate bands are defined in Table 1 below.



**Table 1 – Bulk Supply Rate Bands**

Rate Band	Time Period	Days of Week
On-Peak Weekday	00:00 to 04:00 and 15:00 to 17:00	Saturday to Thursday
On-Peak Friday	00:00 to 04:00 and 15:00 to 17:00	Friday
Off-Peak Morning	04:00 to 11:00	All days
Mid-Peak Weekday	11:00 to 15:00	Saturday to Thursday
Mid-Peak Friday	11:00 to 15:00	Friday
Off-Peak Night	17:00 to 24:00	All days

The rates (in Rial Omani per MWh) applicable for Bulk Supplies in each rate band during each month during 2015 shall be as set out in Table 2 below.

**Table 2 – Bulk Supply Rates in Rial Omani per MWh**

	On-Peak		Off-Peak Morning	Mid-Peak		Off-Peak Night
	Weekday	Friday	All Days	Weekday	Friday	All Days
January – March	12	12	12	12	12	12
April	28	28	21	23	21	23
May – June	50	28	23	36	21	23
July – August	14	14	14	14	14	14
September – October	16	14	14	16	14	14
November – December	12	12	12	12	12	12

### 3. Determination of Bulk Supply Chargeable

The rates specified in Table 2 above are applicable to Bulk Supplies made at Bulk Supply Purchase Points.





The quantity of Bulk Supply chargeable to DPC at Bulk Supply Purchase Points for each hour of each month shall be determined by OPWP as follows:

$$BS_h = LAF_m \times (BSM_h + T_h)$$

Where:

$BS_h$  = the Bulk Supply in MWh chargeable to DPC for hour h;

$LAF_m$  = the Loss Adjustment Factor for month m, determined as set out below;

$BSM_h$  = the quantity of electricity in MWh metered (or deemed metered) in hour h at the Bulk Supply Points related to DPC; and

$T_h$  = the net Transfers in MWh received (or deemed received) in hour h by DPC, being the sum of all Transfers received (or deemed received) minus the sum of all Transfers given (or deemed given).

OPWP shall calculate  $BSM_h$  on the basis of information reported to it in accordance with the Grid Code or a Distribution Code (as applicable). OPWP shall calculate  $T_h$  on the basis of information reported to it in accordance with the Grid Code or a Distribution Code (as applicable) or as otherwise provided to it by DPC.

In either case, where the relevant hourly data is not reported or otherwise provided, OPWP shall estimate  $BSM_h$  or  $T_h$  using (i) daily data and representative hourly profiles provided by the Licensed Transmission System Operator or (ii) such other reasonable method as it sees fit.

OPWP shall determine the Loss Adjustment Factor on a monthly basis as follows:

$$LAF_m = \frac{TBP_m}{TBSM_m + SCS_m}$$

Where:

$LAF_m$  = the Loss Adjustment Factor for month m;

$TBP_m$  = the total quantity of electricity (in MWh) purchased by OPWP at Bulk Supply Purchase Points in month m;

$TBSM_m$  = the sum of  $BSM_h$  (as described above) for DPC over all hours in month m; and



$SCS_m$  = the total quantity of electricity in MWh sold by OPWP into or over Connected Systems in month m

The Loss Adjustment Factor is expected to fall within a range of 1.01 to 1.03 but will be finally determined for each month as set out above.

#### 4. Invoicing and Payment

OPWP shall invoice DPC for Bulk Supplies in accordance with the following procedure:

- (a) Immediately following the end of each month, OPWP shall estimate the quantities of Bulk Supply chargeable to DPC for that month using such reasonable method as it sees fit, and shall issue a preliminary invoice on the basis of such estimated quantities.
- (b) As soon as reasonably practicable following the end of each month, OPWP shall calculate, as provided in section 3 above, the quantities of Bulk Supply chargeable to DPC for that month, and shall issue a statement of the Bulk Supply charges payable in respect thereof. This shall be accompanied by a supplemental invoice or credit, as applicable, reflecting the adjustments required to the preliminary invoices.
- (c) As soon as reasonably practicable following the end of the calendar year, and after consultation with DPC, OPWP shall make a final calculation of the quantities of Bulk Supply chargeable to DPC for each month during the year, and shall issue a final consolidated statement of the Bulk Supply charges payable in respect thereof. This shall be accompanied by a final supplemental invoice or credit, as applicable, reflecting any further adjustments required to the previous invoices.

Payment of invoices issued as described above shall be made by DPC within thirty (30) days of receipt. Where a credit is issued to DPC as described above, DPC may either (i) deduct such amount from subsequent payment(s) of Bulk Supply charges to OPWP or (ii) request, in writing, that the relevant amount be refunded in cash by OPWP, in which case OPWP shall make such payment within thirty (30) days of receipt of the request.

#### 5. Amendments

Under certain circumstances it may become necessary to amend this Bulk Supply Tariff during its period of application. Any such amendment shall only be made in accordance with the OPWP License and with the approval of the Authority for Electricity Regulation, Oman. OPWP shall provide DPC with details (including the date of application) of any amendment on a timely basis.

Hamdan bin Ali Al Hinai  
Chairman

