

ELECTION COMMISSION OF BHUTAN



SMS-Based Poll Information Reporting System Rules of the Kingdom of Bhutan, 2013

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ELECTION COMMISSION OF BHUTAN

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SMS-Based Poll Information Reporting System Rules of the Kingdom of Bhutan, 2013

In keeping with the Election Act of the Kingdom of Bhutan, 2008 relating to the compilation and consolidation of the Two Hourly Voter Turnout Reports and Election Results on the Poll Day of the Conduct of any Elections, the Election Commission of Bhutan hereby adopts and promulgates the *SMS-Based Poll Information Reporting System Rules of the Kingdom of Bhutan, 2013*.

1. Short Title, Extent, Application and Commencement

1.1. These Rules shall:

- 1.1.1. Be called the *SMS-Based Poll Information Reporting System Rules of the Kingdom of Bhutan, 2013*;
- 1.1.2. Extend to the whole of the Kingdom of Bhutan;
- 1.1.3. Apply to compilation and consolidation of the Two Hourly Voter Turnout Reports and Election Results on the Poll Day in any Election or National Referendum; and
- 1.1.4. Come into force with effect from 19th of March 2013 corresponding to the second 7th Day of the 2nd Month of the Water female Snake Year of the Bhutanese Calendar.

2. SMS-Based System

- 2.1. The Election Commission shall adopt the SMS (Text Messaging) Technology with an interface (Web Based) for the relaying of data from the Polling Stations, compilation and generation of necessary reports.
- 2.2. The Web-Based System shall use SMS technology as a medium to collect data or information from the Polling

Stations to generate instant /real-time report of the Voter Turnout and the Election Results on the Poll Day.

3. Objectives

- 3.1. The objectives of the System shall be to:
 - 3.1.1. Generate Reports within a short period of time;
 - 3.1.2. Enhance efficiency in compilation and consolidation of the Two Hourly Voter Turnout Reports and Election Results on the Poll Day;
 - 3.1.3. Facilitate generation of accurate data and report;
 - 3.1.4. Minimize human error; and
 - 3.1.5. Ensure safe and secure maintenance of the records of election data for future reference.

4. System Features

- 4.1. The System shall help to:
 - 4.1.1. Report the Voter Turnout and Results in a short time period;
 - 4.1.2. Keep track of every incoming SMS for security purposes;
 - 4.1.3. Maintain details of every Polling Station, *Demkhong*, Presiding Officer and Returning Officer; and
 - 4.1.4. Maintain details of the Political Parties and Candidates.

5. Stakeholders

- 5.1. The Presiding Officers and Counting Supervisors shall function as primary source of Voter Turnout and EVM Result data.
- 5.2. The Central System Administrator in ECB Head Office and the Returning Officers as the User Administrators shall cross-check and verify the data received, upload Postal Ballot information and generate reports.
- 5.3. The Chief Election Commissioner, Election Commissioners and Director shall be the only authorities with viewing access to the data in the system.
- 5.4. The general public may access information uploaded by the ECB Web Administrator on the ECB website at www.election-bhutan.org.bt.

6. Voter Turnout and Results Reports

- 6.1. The Presiding Officer from the respective Polling Station shall be responsible to send SMS every two hours the Voter Turnout figures.
- 6.2. The Counting Supervisor shall be responsible to send the EVM Results at the end of the Poll Day.
- 6.3. The System shall have programme to instantly receive the SMS and generate the Voter Turnout Report in various Formats including in the form of pie chart, graphs etc. automatically.
- 6.4. The system shall be configured in such a manner that when it receives a SMS, it automatically sends back a “*delivered*” message to the sender.

- 6.5. The Returning Officer and the National Counting Centre shall have the authority to view and generate the two hourly Voter Turnout report and final results.

Fig 1: Overall Process depicting the SMS-Based System



7. Terms and Standards

- 7.1. The information on to be relayed through the System must conform to the standard and purposes as laid down hereunder:
- 7.1.1. The *Demkhong ID* shall be generated and assigned by the Central Administrator and provided to the User Administrator.
 - 7.1.2. The First 2 digits shall be the Dzongkhag code as used in the Electoral Roll, 2nd two digits is the Gewog, 5th digit is Chiwog and the last one the *Demkhong ID*.

- 7.1.3. The ***Polling Station ID*** shall be assigned by the Central Administrator and provided to the User Administrator and Presiding Officer/Counting Supervisor.
- 7.1.4. The First 6 digits represent *Demkhong ID* and last 2 digit represents *Poll ID*.
- 7.1.5. The ***Age Categories*** shall be as follows:
 - 7.1.5.1. Voters aged 18 to 30 years shall fall under the *Age Category* of 1;
 - 7.1.5.2. Voters aged 31- 50 years shall fall under the *Age Category* of 2; and
 - 7.1.5.3. Voters aged 51 years and above shall fall under age category of 3.
- 7.1.6. The two ***Genders*** shall be coded as follows:
 - 7.1.6.1. “M” shall refer to Male Voter Turnout; and
 - 7.1.6.2. “F” shall refer to the Female Voter Turnout.

8. SMS System Administration

- 8.1. The Administration of the System shall be carried out strictly as per the SMS Relay System Admin Guide in ***Annexure 1***.
- 8.2. The Head of the IT Unit of the Election Commission shall serve as the Central System Administrator under these Rules.
- 8.3. A Returning Officer shall serve as the User Administrator of the respective *Demkhong*.

9. Central System Administrator

- 9.1. The Central Administrator shall be responsible for setting up and **reproving** data of the SMS System.
- 9.2. The Central Administrator shall be responsible specifically to:
 - 9.2.1. Create user accounts and assign rights to the users i.e. Returning Officers, Guest viewers and National Counting Centre;
 - 9.2.2. Input all the relevant information in the SMS System such as the Candidate details, *Demkhong* names, Polling Station Details, Political Parties information, Returning officers and Presiding Officers details, Registered Voter information etc.;
 - 9.2.3. Register the mobile numbers of all Presiding Officers/ Counting Supervisor and match them to their respective Polling Station ID;
 - 9.2.4. Generate and assign *Demkhong ID*, Polling Station ID and Candidate ID of the respective Constituencies;
 - 9.2.5. Send Two Hourly Voter Turnout SMS Format and Result Format to the Presiding Officers prior to the Poll Day of any elections;
 - 9.2.6. Send predesigned Excel Sheet Format of Postal Ballot Voter Turnout and Postal Ballot Results, to upload through given User Login Name and Password, to all Returning Officers;
 - 9.2.7. Test the System thoroughly through Mock Elections prior to the Poll Day of any elections;

- 9.2.8. Cross-check the various reports manually with the hard copy sent through fax;
- 9.2.9. Print and submit various reports to the Election Commission and Web Administrator to upload in the Election Website;
- 9.2.10. Maintain and keep the backup of every election for future reference; and
- 9.2.11. Cross-check for errors, keep view of every incoming SMS, remind Presiding Officers and Returning Officers of their responsibilities and give any necessary instructions through phone or SMS on Poll Day.

10. Returning Officer

- 10.1. The User Administration of the System i.e. Returning Officers shall be responsible to carry out the following tasks:
 - 10.1.1. Segregate Postal Ballot Voter Turnout in gender wise;
 - 10.1.2. Punch Overall Postal Voter Turnout gender-wise in the provided Excel Sheet Format and upload in the SMS System before verifying results;
 - 10.1.3. Upload Postal Ballot Result in the provided Excel Sheet Format before verifying results;
 - 10.1.4. Cross-check every Two Hourly Voter Turnout Reports ; and
 - 10.1.5. Cross-check and verify Postal Ballot and EVM Results of the respective constituency at the end of Poll Day with the hard copy.

- 10.2. The Returning Officers shall upload the data as detailed in ***Annexure 2***.
- 10.3. The Returning Officers shall fill the data in the Format provided as shown below in **Figure 2**.

Fig. 2: Excel Sheet Format to Upload Postal Voter Turnout

Poll ID	Age Category	Gender	Total Voter Turnout	<i>Demkhong Name</i>

- 10.4. The Central System Administrator shall be responsible to fill in the *Demkhong Names* and Poll ID in **Figure 2** and provide the pre-formatted Format to the Returning Officers.
- 10.5. The respective Returning Officers shall be responsible to accordingly fill in the blank *Age Category* with zero, *Gender* and *Total Voter Turnout* cells; and thereafter upload in the system

Fig 3: Excel Sheet Format to Upload Postal Ballot Results at the end of Poll Day

Poll ID	Candidate ID	Total Votes	<i>Demkhong Name</i>

- 10.6. The Poll ID, *Demkhong Name* and the Candidate ID shall be provided in the Excel Sheet and the Total Votes cell left blank to be filled accordingly by the respective Returning Officer and thereafter uploaded in the system.
- 10.7. The Returning Officers shall not alter the Format provided in any way.
- 10.8. The Returning Officers shall upload in the same Format, saving the updated Format in a proper location of the computer disk for uploading in the SMS System.
- 10.9. The Returning Officers shall upload the Overall Postal Voter Turnout and Postal Ballot Results at the end of Poll Day. He/she shall, after such uploading, cross-check the Provisional Election Results and verify if everything is correct with all care taken, as once verified it cannot be undone again.
- 10.10. The Returning Officers shall be responsible to:
 - 10.10.1. Verify the Provisional Election Results:
 - 10.10.2. Log into the system through User Name and Password (***Refer Annexure 1***);
 - 10.10.3. View the results and cross-check with each Presiding Officer in their respective Constituency; and
 - 10.10.4. Verify the Provisional Election Results as per the detailed instructions in ***Annexure 2***.

11. Presiding Officer

- 11.1. The Presiding Officers shall be responsible to relay the data from Polling Station through SMS Text Messaging Technology to the SMS System of the National Counting Center.

- 11.2. Each Presiding Officer shall be responsible to ensure that he/she, prior to the Poll Day, knows and is familiar with the Formats for sending Two Hourly Voter Turnout and EVM Results.
- 11.3. The function and role of the Presiding Officers shall be to:
 - 11.3.1. Type and send Two Hourly EVM Voter Turnout in the Format provided; and
 - 11.3.2. Send the EVM Results, after the EVM Counting, as per the provided Format.

12. Format for Two Hourly Voter Turnout SMS by Presiding Officer

- 12.1. There shall be six different SMS Formats as listed below:
 - 12.1.1. **1 M** for Males under age category 1 i.e. 18-30 years;
 - 12.1.2. **2 M** for Males under age category 2 i.e. 31-50 years;
 - 12.1.3. **3 M** for Males under age category 3 i.e. 51 and above years;
 - 12.1.4. **1 F** for Females under age category 1 i.e. 18-30 years;
 - 12.1.5. **2 F** for Females under age category 2 i.e. 31-50 years: and
 - 12.1.6. **3 F** for Females under age category 3 i.e. 51 years and above.
- 12.2. The two Hourly Voter Turnout SMS Formats shall be as listed below:
 - 12.2.1. **ECBE 1 M *****

12.2.2. ECBE 2 M ***

12.2.3. ECBE 3 M ***

12.2.4. ECBE 1 F ****

12.2.5. ECBE 2 F***

12.2.6. ECBE 3 F***

The blanks (***) at the end shall be the number of voters who voted.

- 12.3. A Presiding Officer from a particular Polling Station shall, after every two hours, send the Voter Turnout SMS from his/her mobile number, which is registered in the SMS server, as shown in the **Figure 4** below:

Fig. 4: Standard SMS Format for Voters Turnout



- 12.4. The SMS shall be invariably sent to “1919”.
- 12.5. Corrections, if any, in the specific Two Hours shall be done within that time bound period.

Index		
ECB	→	Election Commission of Bhutan
E	→	EVM Voter turnout
3	→	3 rd age category, 51 years and above
F	→	Female Gender
20	→	Number of Voters Turnout

- 12.6. The Presiding Officers must resend the SMS with corrected total votes for that two hour period to replace the earlier incorrect SMS by the correct one.
- 12.7. The correction should reflect the total Voter Turnout and not only the mistakes.
- 12.8. Corrections of first Two Hours if sent in the next Two Hours would be updated in the next Two Hours Report.
- 12.9. A Presiding Officer shall send one SMS for each category, therefore, a total of six SMS after every two hours for each of the six categories need to be sent.
- 12.10. The Voters Turnout SMS sent by the Presiding Officer shall be on a consolidated/cumulative basis as shown in the **Figure 5**:

Fig. 5: Example of Cumulative Voter Turnout SMS Report

If there are 21 Male voters of the Age Category 1 in first two hours, then the SMS should be:

✓ **ECBE 1 M 21**

If there are 15 Male voters of same Age Category 1 in second two hours, then the SMS should be:

✓ **ECBE 1 M 36 (21+15)**

If there are 25 Male Voters of Age Category 1 in third two hours, then the SMS should be:

✓ **ECBE 1 M 61 (21+15+25)**

13. Format for National Council Elections Results by Presiding Officer

13.1. The Presiding Officer shall be responsible to send the EVM result after the EVM counting at the end of the Poll Day.

13.2. The SMS Format to send **EVM Results** of Poll Day, to be typed in by the Presiding Officer shall be as per the example given below:

13.2.1. **ECRE NC010000001 xxx**

Where

ECRE stands for Election Commission Result
NC010000001 is the National Council Candidate Identity Number as assigned by the Central Administrator

xxx means total EVM Votes obtained by the Candidate.

13.3. The EVM Result SMS Format shall be sent to all Presiding Officers through SMS.

13.4. The Format for the Two Hourly Voter Turnout SMS shall remain standard for any elections while the Formats for sending the Results shall depend on the type of Election.

14. Format for the National Assembly Results by Presiding Officer

14.1. The Result SMS Format for the Primary Round shall be as per the example given below:

14.1.1. **ECRE NA010001101 *****

14.1.2. **ECRE NA010001201 *****

14.1.3. **ECRE NA010001301 *****

14.1.4. **ECRE NA010001401 *****

14.1.5. **ECRE NA010001501 *****

Where

ECRE refers to the Election Commission Result;

NA010001101 refers to the Party ID for the party at constituency level as generated in an alphabetical order assigned by the Central Administrator;

NA refers to the National Assembly; and

******* shall be the exact number of EVM Votes obtained by the respective Party.

14.2. The Result SMS Format for the General Elections shall be as per the example given below:

14.2.1. **ECRE NA160001101 *****

Where

ECRE refers to Election Commission Result;

NA160001101 refers to the Candidate Identity Number as assigned by the Central Administrator;

NA refers to the National Assembly; and

******* shall be the exact number of **EVM** Votes obtained by the Candidate.

15. Format for Local Government Elections Results by Presiding Officer

15.1. The Result SMS Format for the Local Government Elections shall be as per the example given below:

15.1.1. **ECRE GU010100001*****

15.1.2. **ECRE TS010110001 *****

15.1.3. **ECRE MA010100001 *****

15.1.4. **ECRE TH010000001 *****

Where

ECRE refers to Election Commission Result;

GU010100001 is the Gup Candidate Identity Number as assigned by the Central Administrator;

TS010110001 refers to the Tshogpa Candidate Identity Number;

MA010100001 is the Identity Number for Mangmi Candidate;

TH010000001 is the Throm Candidate Identity Number; and

*** shall be the exact number of EVM Votes obtained by the respective Party

16. Uncontested Elections

16.1. In the case of an uncontested election, the Result SMS Format for the **YES** or **NO** Votes shall be as per the example given below:

16.1.1. **ECRE NA010001101 xxx**

16.1.2. **ECRE NA0100011NC xxx**

Where

ECRE is the Result;

NA010001101 is the **YES** Votes Candidate ID;

NA0100011NC is the **NO** Votes Candidate ID;

NA refers to the National Assembly;

NC stands for No Contestant/Uncontested; and

xxx for exact number of **YES or NO** Votes obtained by the Candidate.

16.2. The Presiding Officer shall be responsible to send two SMS in case of uncontested election, one SMS for **YES** Votes and another for the **NO** Votes.

16.3. The procedure shall be same for all other elections or national referendum with the addition of **NC** at the end of EVM SMS Result Format for **NO** Votes.

17. Index of Candidate/Party Identity Numbers

17.1. The Index showing the Candidate/Party Identity, as assigned by the Central Administrator, shall be

provided to the Presiding Officers to cross-check and refer while sending the EVM Result.

- 17.2. The Central Administrator shall email and SMS the respective Candidate ID to each Presiding Officer prior to the Poll Day of any Elections.
- 17.3. All the Candidate ID and Constituency ID shall be generated by the Central System Administrator and provided to the Presiding Officers whose duty is to send SMS in the given Format in the time specified.

18. Reconfirmation and Reminder

- 18.1. All the Presiding Officers' mobile numbers shall be sent to the Central Administrator in ECB Head Office by the Returning Officer and the mobile numbers registered week prior to the Poll Day confidentially although the details of the appointment would be made known only upon the issue of the Appointment Order by the Returning Officer.
- 18.2. If a Presiding Officer's mobile number is not working, he/she shall be responsible to inform the Central Administrator immediately and in advance of the Poll Day.
- 18.3. If a Presiding Officer is not clear on the SMS Format or if he/she has any doubt on how to send SMS, he/she shall contact the Central Administrator directly.
- 18.4. A Presiding Officer shall be responsible to send the correct SMS in the standard Format taking care to maintain the space as shown in the Format.
- 18.5. If a Presiding Officer has sent wrong Voter Turnout data in the first two hours, he/she can rectify it by resending the SMS with the correct data within that first two hours so as to replace and update the first by the

second and correct SMS. If the correction is sent in the next two hours, it will be added in the next two hours and not updated on the previous.

- 18.6. The Presiding officer shall be responsible to maintain list of voters in Gender and Age Category wise in order to SMS EVM Voter Turnout at the end of every two hours.

19. Report Viewer

- 19.1. The Reports may be viewed by the Chief Election Commissioner, Election Commissioners, Director or the Central Control Room through the Guest Users provision made by the Central Administrator.

20. Uploading on the ECB Web Site

- 20.1. All the Two Hourly Voter Turnout Reports and the Combined Results of EVM and Postal Ballot after being verified by the Returning Officer, must be updated by the Web Administrator on the ECB's Website.
- 20.2. Results based on the Two Hourly Voter Turnout shall be uploaded at the end of every two hours and similarly the final Results after Returning Officers have cross-checked and verified at the end of Poll Day.
- 20.3. The Central Administrator shall be responsible to submit all relevant reports to the Election Commission and the copy of the same given to the Web Administrator of the Election Commission.

21. Sharing Results with Bhutan Broadcasting Service for Television Broadcast

21.1. The final version of the Election Result shall be shared with BBS for TV broadcast through the User Account created for this purpose by the Central Administrator.

22. Types of Reports

22.1. The Types of Reports that the SMS System shall generate are:

22.1.1. Election Voter General Turnout;

22.1.2. Election Postal Voter Turnout;

22.1.3. Election Voter Turnout for 11:00 AM;

22.1.4. Election Voter Turnout for 1:00 PM;

22.1.5. Election Voter Turnout for 3:00 PM;

22.1.6. Election Voter Turnout for 5:00 PM;

22.1.7. Election Voter Turnout for Postal Voters;

22.1.8. Election Grand Total Voter Turnout;

22.1.9. Election Result - Provisional;

22.1.10. Election Result - Verified; and

22.1.11. Any other as may be required by the Commission.

22.2. The sample of each Result Format is attached in the *Annexure 3*.

23. Back-Up Plan

23.1. The Back-Up Plan for the SMS System shall include back-up of both database and application of the server on scheduled backup tasks with display of the old elections database for future reference.

- 23.2. A secondary server shall be maintained on Poll Day in case the first server fails and the back-up data has to be reloaded in the second server to ensure uninterrupted service.
- 23.3. The manual process through fax (hard copy) will also be implemented to relay results concurrently to cross-check with the SMS Relaying System and as the ultimate Back-Up.

24. Penalty

- 24.1. Any Party/person found guilty of violation of these Rules shall be dealt with in accordance to the Election Act.

25. Power of the Commission to Issue Instructions and Directions

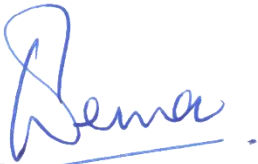
- 25.1. The Commission may issue instructions and directions:
 - 25.1.1. For the clarification of any of the provisions of these Rules;
 - 25.1.2. For the removal of any difficulty which may arise in relation to the implementation of any such provisions; and
 - 25.1.3. In relation to any matter with respect to SMS-based Relaying System, for which these Rules make insufficient provision, and clarification is necessary in the opinion of the Commission.

26. Interpretation and Amendment

- 26.1. The Election Commission shall be the competent authority to interpret the provisions of these Rules.
- 26.2. The Election Commission shall have the power to amend the existing Rules by way of addition, variation or repeal, provided that no such amendment shall be

made in contravention to the provisions of the Election Act.

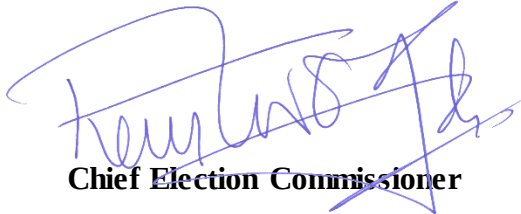
Done under the seal of the Election Commission of the Kingdom of Bhutan on the second 7th Day of the 2nd Month of the Water Female Snake Year in the Bhutanese Calendar corresponding to 19th Day of the 3rd Month of the Year 2013.



Election Commissioner



Election Commissioner



Chief Election Commissioner

SMS System Administration

Login Guide

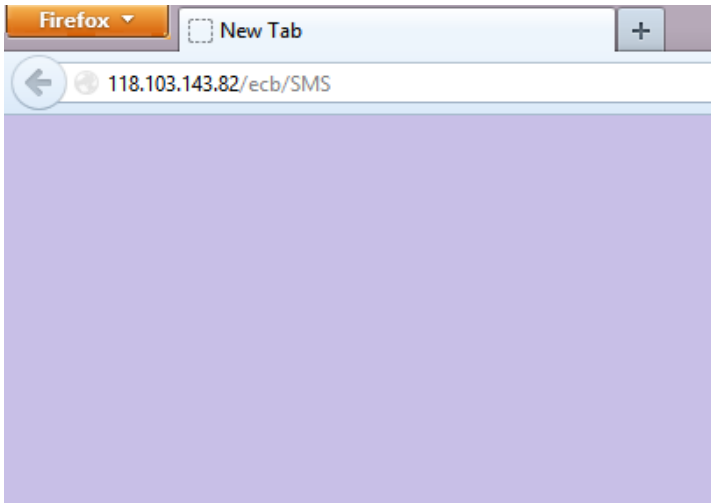
Step 1

- 1) The ECB's SMS based Voter Information Relaying system is a web based system which an authorized people i.e. Returning Officers can access from anywhere provided there is an internet connection.
- 2) The application software package is installed in ECB Server and it is not required to install in your laptops or desktop computers. You should directly access through the web.
- 3) To access the System you need to maintain and keep your desktop computer or laptop in an excellent condition prior to any elections. Install the latest version of web browsers like Google Chrome and Firefox. Install both these browsers so that if one crashes you can use the other. Internet Explorer which is an old version of browser may not work if you have not updated it. Please consult Dzongkhag ICT Officer if you have any problems. You may visit this link www.filehippo.com to download the above browsers.

Step 2

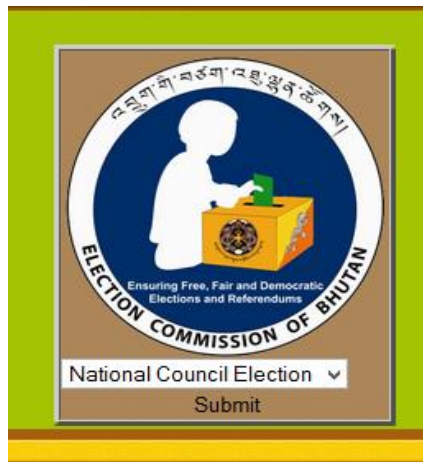
- 1) Open one of the browsers and type this global IP Address **http://118.103.143.82/ecb/SMS** in the blank address bar of the browser as shown in **Figure 1**.

Fig 1: Login Page IP Address



- 2) Press ENTER to display an SMS Login Screen and click submit button as shown in **Figure2**.

Fig 2: SMS Login Screen

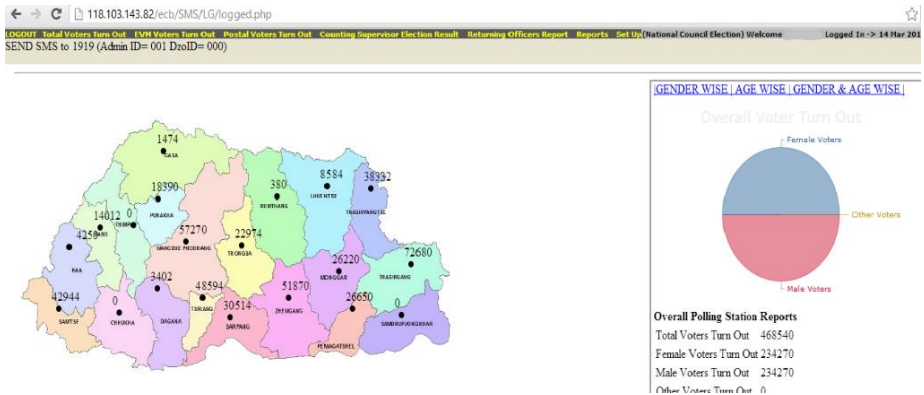


- 3) Once you click the “Submit” button, the system will display another Login Page which will ask you to give **User Name** and **Password** as shown in **Figure 3**.

Fig 3: Login Page Fields

1. The User Name and the Password is as provided to all Returning Officers before Poll Day of any Elections.
 2. The Returning Officers shall not share or leak the User Administrator Password at any cost and keep it under very strict confidentiality.
 3. The Returning Officer shall immediately call The Central System Administrator if he/she knows or suspects that the User Name and Password is known by others and the Central System Administrator shall change it immediately.
- 4) When you have given the User name and the Password, you will be able to log into the system and the home page will be displayed as shown in **Figure 4**.

Fig. 4: Home screen of the SMS System after entering User Name and the Password



- 5) From the home page you can click on Menus to view:
 1. Total Voter Turnout (EVM and Postal Ballot)
 2. EVM Voter Turnout
 3. Postal Voter Turnout
 4. Counting supervisor Election Result/Election Result provisional
 5. Returning Officers Reports
 6. Election Reports
 7. Voter Turnout in *Demkhong*, gewog and Polling Station wise linked with maps.
 8. Voter Turnout Report in Pie Chart and graphs

Annexure2

1. Postal Voter Turnout Uploading by Returning Officer

- 1.1 Returning Officer shall punch in the Overall Postal Voter Turnout, gender-wise, in the provided Excel Sheet Format and upload in the SMS System as shown below:

Step 1: Punch in the Postal Voter Turnout Figure gender-wise as shown below in **Figure 1**.

Punch in the blank Age Category cells with zeros.

Fig.1 Excel Sheet Format to Upload Postal Voter Turnout

Poll ID	Age Category	Gender	Total Voter Turnout	<i>Demkhong Name</i>

Step 2: Save and upload in the SMS System as shown in **Figure 2**

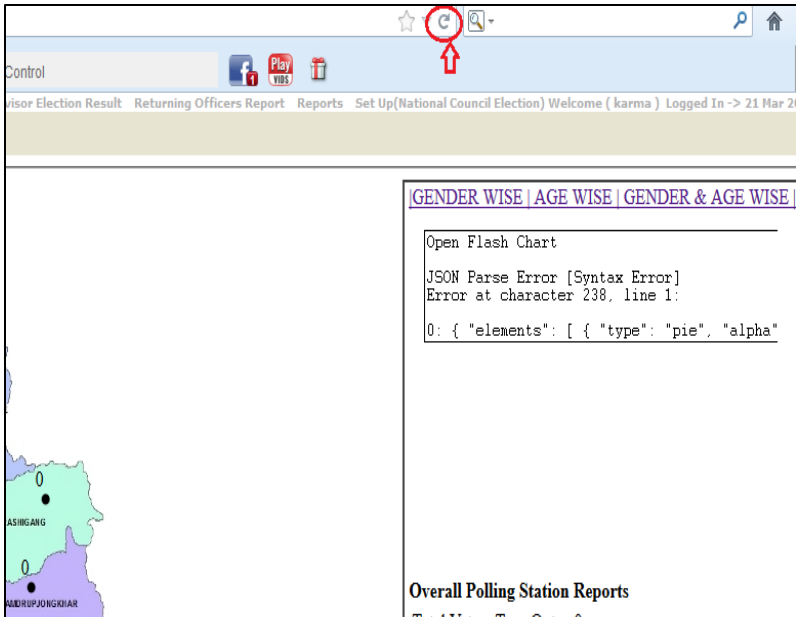
Fig.2 Uploading Postal Voter Turnout maintained in Fig.1

LOGOUT	Total Voters Turn Out	EVM Voters Turn Out	Postal Voters Turn Out	Provisional Election Result	Verified Election Re
SEND SMS to 1919 (Admin ID= 002 DzoID= 09)					
					
ROs Uploading Voter Turn Out For respective Dzongkhag 2 Browse... Upload File 3					

The system shall notify if the uploading task is accomplished successfully.

- 1.2 Refresh the page whenever an uploading task is done as shown in **Figure 3**.

Fig 3. Refreshing the page after uploading



2. Postal Ballot Result Uploading by Returning Officer

- 2.1 Upload Postal Ballot Result in the provided Excel Sheet Format as shown below:

Step 1: Punch in the Postal Ballot Result figures in the blank cells as shown below in **Figure 4**.

Fig. 4 Excel Sheet Format to Upload Postal Ballot Results at the end of Poll Day

Poll ID	Candidate ID	Total Votes	Demkhong Name

2.2 Refresh the page as shown for refreshing Postal Voter Turnout in **Figure 3**.

Step 2: Save and upload in the SMS System as shown below in **Figure 5**:

Fig.5 Uploading Postal Ballot Results maintained in fig.4.



ROs Uploading Voter Turn Out For respective Dzongkhag



The system shall notify if the uploading task is accomplished successfully.

3. Verifying Results

3.1 Cross-check and Verify the Provisional Postal Ballot and EVM Results of the respective constituency at the end of Poll Day against the hard copy as depicted in **Figure 6**.

LOGOUT Total Voters Turn Out EVM Voters Turn Out Postal Voters Turn Out **Provisional Election Result** Verified Election Result
SEND SMS to 1919 (Admin ID= 002 DzoID= 09)



Annexure 3

1. The Sample of each Result Format

1.1 The Types of Reports that the SMS System shall generate are:

1.1.1 Gewog-wise Voter Turnout for Returning Officer to Cross-check.

ELECTIONS TO: National Council							
Dzongkhag: Bumthang(01)							
Demkhong: Bumthang(01)							
Gewog: Chhoeckhor(0101)							
SL.No	Pollingstation	Total Registered			Voter Turnout EVM only		
		Male	Female	Total	Male	Female	Total
1	Wangdichhoeling LSS						
2	Chhoeckhor Gewog Center						
3	Dhur CPS						
4	Kharsa CPS						
5	Zhabjeythang PS						
6	Tamzhing NFE						
Tang (0103)							
SL. No	Pollingstation	Male	Female	Total	Male	Female	Total
1	Bezur ORC						
2	Tang LSS						
3	Khangrab CPS						
4	Tandingang ECR						
Sub Total (EVM)							
Sub Total (Postal Ballot)							

1.1.2 Voter Turnout at 11:00 AM

Sl. No.	Dzongkhag	Total Registered			EVM Votes 9:00-11:00AM					
		Male	Female	Total	Male	%	Female	%	Total	%
1	Bumthang	0	0	0	0	0	0	0	0	0
2	Chukha	0	0	0	0	0	0	0	0	0
3	Dagana	0	0	0	0	0	0	0	0	0
4	Gasa	0	0	0	0	0	0	0	0	0
5	Haa	0	0	0	0	0	0	0	0	0
6	Lhuntse	0	0	0	0	0	0	0	0	0
7	Mongar	0	0	0	0	0	0	0	0	0
8	Paro	0	0	0	0	0	0	0	0	0
9	Pemagatshel	0	0	0	0	0	0	0	0	0
10	Punakha	0	0	0	0	0	0	0	0	0
11	Samdrup Jongkhar	0	0	0	0	0	0	0	0	0
12	Samtse	0	0	0	0	0	0	0	0	0
13	Sarpang	0	0	0	0	0	0	0	0	0
16	Tashi Yangtse	0	0	0	0	0	0	0	0	0
15	Trashigang	0	0	0	0	0	0	0	0	0
14	Thimphu	0	0	0	0	0	0	0	0	0
17	Trongsa	0	0	0	0	0	0	0	0	0
18	Tsirang	0	0	0	0	0	0	0	0	0
19	Wangduephodrang	0	0	0	0	0	0	0	0	0
20	Zhemgang	0	0	0	0	0	0	0	0	0
Total										

1.1.3 Voter Turnout at 1:00PM

Sl. No.	Dzongkhag	Total Registered			EVM Votes 9:00-1:00PM					
		Male	Female	Total	Male	%	Female	%	Total	%
1	Bumthang	0	0	0	0	0	0	0	0	0
2	Chukha	0	0	0	0	0	0	0	0	0
3	Dagana	0	0	0	0	0	0	0	0	0
4	Gasa	0	0	0	0	0	0	0	0	0
5	Haa	0	0	0	0	0	0	0	0	0
6	Lhuntse	0	0	0	0	0	0	0	0	0
7	Mongar	0	0	0	0	0	0	0	0	0
8	Paro	0	0	0	0	0	0	0	0	0
9	Pemagatshel	0	0	0	0	0	0	0	0	0
10	Punakha	0	0	0	0	0	0	0	0	0
11	Samdrup Jongkhar	0	0	0	0	0	0	0	0	0
12	Samtse	0	0	0	0	0	0	0	0	0
13	Sarpang	0	0	0	0	0	0	0	0	0
16	Tashi Yangtse	0	0	0	0	0	0	0	0	0
15	Trashigang	0	0	0	0	0	0	0	0	0
14	Thimphu	0	0	0	0	0	0	0	0	0
17	Trongsa	0	0	0	0	0	0	0	0	0
18	Tsirang	0	0	0	0	0	0	0	0	0
19	Wangduephodrang	0	0	0	0	0	0	0	0	0
20	Zhemgang	0	0	0	0	0	0	0	0	0
Total										

1.1.4 Voter Turnout at 3:00PM

Sl.No.	Dzongkhag	Total Registered			EVM Votes 9:00-3:00PM					
		Male	Female	Total	Male	%	Female	%	Total	%
1	Bumthang	0	0	0	0	0	0	0	0	0
2	Chukha	0	0	0	0	0	0	0	0	0
3	Dagana	0	0	0	0	0	0	0	0	0
4	Gasa	0	0	0	0	0	0	0	0	0
5	Haa	0	0	0	0	0	0	0	0	0
6	Lhuntse	0	0	0	0	0	0	0	0	0
7	Mongar	0	0	0	0	0	0	0	0	0
8	Paro	0	0	0	0	0	0	0	0	0
9	Pemagatshel	0	0	0	0	0	0	0	0	0
10	Punakha	0	0	0	0	0	0	0	0	0
11	Samdrup Jongkhar	0	0	0	0	0	0	0	0	0
12	Samtse	0	0	0	0	0	0	0	0	0
13	Sarpang	0	0	0	0	0	0	0	0	0
16	Tashi Yangtse	0	0	0	0	0	0	0	0	0
15	Trashigang	0	0	0	0	0	0	0	0	0
14	Thimphu	0	0	0	0	0	0	0	0	0
17	Trongsa	0	0	0	0	0	0	0	0	0
18	Tsirang	0	0	0	0	0	0	0	0	0
19	Wangduephodrang	0	0	0	0	0	0	0	0	0
20	Zhemgang	0	0	0	0	0	0	0	0	0
Total										

1.1.5 Voter Turnout at 5:00PM

Sl. No.	Dzongkhag	Total Registered			EVM Votes 9:00-5:00PM					
		Male	Female	Total	Male	%	Female	%	Total	%
1	Bumthang	0	0	0	0	0	0	0	0	0
2	Chukha	0	0	0	0	0	0	0	0	0
3	Dagana	0	0	0	0	0	0	0	0	0
4	Gasa	0	0	0	0	0	0	0	0	0
5	Haa	0	0	0	0	0	0	0	0	0
6	Lhuntse	0	0	0	0	0	0	0	0	0
7	Mongar	0	0	0	0	0	0	0	0	0
8	Paro	0	0	0	0	0	0	0	0	0
9	Pemagatshel	0	0	0	0	0	0	0	0	0
10	Punakha	0	0	0	0	0	0	0	0	0
11	Samdrup Jongkhar	0	0	0	0	0	0	0	0	0
12	Samtse	0	0	0	0	0	0	0	0	0
13	Sarpang	0	0	0	0	0	0	0	0	0
16	Tashi Yangtse	0	0	0	0	0	0	0	0	0
15	Trashigang	0	0	0	0	0	0	0	0	0
14	Thimphu	0	0	0	0	0	0	0	0	0
17	Trongsa	0	0	0	0	0	0	0	0	0
18	Tsirang	0	0	0	0	0	0	0	0	0
19	Wangduephodrang	0	0	0	0	0	0	0	0	0
20	Zhemgang	0	0	0	0	0	0	0	0	0
Total										

1.1.6 Election Grand Total Voter Turnout

Sl.No.	Dzongkhag	Total Registered			EVM Votes 9:00-11:00AM					EVM Votes 9:00-1:00PM					EVM Votes 9:00-3:00PM					EVM Votes 9:00-5:00PM								
		Male	Female	Total	Male	%	Female	%	Total	%	Male	%	Female	%	Total	%	Male	%	Female	%	Total	%	Male	%	Female	%	Total	%
1	Bumthang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chukha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Dagana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Gasa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Haa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Lhuntse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Mongar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Paro	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Pemagatshel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Punakha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Samdrup Jongkhar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Samtse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Sarpang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Tashi Yangtse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Trashigang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Thimphu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Trongsa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Tsirang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Wangduephodrang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Zhemgang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total																												

1.1.7 Continuation of table 1.1.6

[illegible]